

### a System Configuration

**Data Settings:**  
Survey Data: ESS9e03\_2-subset.csv  
Codebook: ESS9e03\_2-subset codebook.html

[Change Settings](#)

### b-1 Project Settings

Project Name: MyProject

Research Hypotheses:  
Perceptions of fair opportunity to obtain desired occupations vary depending on educational level.

Validate Environment

▶ Start Analysis

■ Stop Analysis

### Progress bar

100%

Analysis completed!

### b-2 Selected Variables

**eisced** independent\_variable  
Highest level of education, ES - ISCED  
This variable directly measures the 'educational level' of the respondent, which is the independent variable in the hypothesis.

**evfrjob** dependent\_variable  
Everyone in country fair change get job they seek  
This variable measures the respondent's perception of fair opportunity in the job market for everyone in the country, which is the dependent variable in the hypothesis.

**gndr** control\_variable  
Gender  
Gender is a standard demographic control variable. Men and women may have different educational paths and perceptions of fairness in the job market.

**hinctnta** control\_variable  
Household's total net income, all sources  
Household income is a crucial socioeconomic control variable that is correlated with both educational level and perceptions of societal fairness and opportunity.

### Survey Design Variables

**pspwght** survey\_design\_variable  
Post-stratification weight including design weight  
This survey weight is essential for adjusting the sample data to be representative of the target population, ensuring the analysis results are generalizable.

**stratum** survey\_design\_variable  
Sampling stratum  
This variable identifies the strata used in the survey sampling design, which is necessary for accurate variance estimation in

### c System Log

2025-12-03 17:00:03 Analysis summary saved to: ./Projects/MyProject\_202512031653/analysis\_summary.json

### d Analysis Results

## Statistical Analysis Report: The Relationship Between Educational Level and Perceptions of Fair Job Opportunity

This report presents a statistical analysis investigating the relationship between an individual's educational attainment and their perception of fair opportunity in the job market. The analysis was guided by the following research hypothesis:

- Research Hypothesis (RH):** Perceptions of fair opportunity to obtain desired occupations vary depending on educational level.

## 2. Methodology

### 2.1. Data and Sample

The analysis is based on a sample of 23,613 respondents with complete data on all variables included in the models. The data was prepared by recoding special values (e.g., "Don't know," "Refused") to missing and then applying listwise deletion.

### 2.2. Survey Design

The analysis incorporated the complex survey design of the dataset to ensure accurate, population-level inferences. The following survey design variables were applied:

- Weighting Variable:** pswght (Post-stratification weight including design weight)
- Stratification Variable:** stratum (Sampling stratum)
- Primary Sampling Unit (PSU):** psu (Primary sampling unit)

### 2.3. Variables

- Dependent Variable:** Perceptions of fair job opportunity ( evfrjob\_r ), measured by the survey question: "Overall,

### e Project Files

analysis.log  
25.17 KB

LOG DOWN