

README: Analysis of Beliefs and Treatment Effects

Overview

This script analyzes the effect of treatments on participants' beliefs about success probabilities, with a focus on STEM-related majors and gender interactions.

Workflow

Data Preparation:

- Calculates distances from Bayesian benchmarks: dtobay_pos, dtobay_neg, aggdist.
- Generates demographic variables and transformations (prim, freq, shock, lockin).

Interaction Term:

- Creates Gender_STEM (interaction of Gender_F and Major_STEM).

SUR Regression:

- Fits Seemingly Unrelated Regression (SUR) for BeliefPrSs and BeliefPrSf.
- Conducts hypothesis tests on interaction terms.

Output:

- Saves regression results in Word-compatible .rtf format using estout.