

REPLICATION PACKAGE

Paper: Financial Incentives and Performance:
A Meta-Analysis of Experiments in Economics
Journal: Journal of Political Economy Microeconomics
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Project URL: <https://meta-analysis.cz/incentives/>

PACKAGE CONTENTS

The replication package contains the following files and folders:

Main Directory Files:

- **incentives.xlsx:** Main input dataset (sheet: "data").
- **incentives.do:** Stata replication script (version 1.4).
- **incentives.R:** R replication script (version 1.4).

Subfolders:

- **auxiliaries/:** Contains auxiliary files used by the R script, including intermediate datasets generated by Stata and supporting functions (e.g., stem_method.R).
 - **results/:** Output folder for all generated tables, figures, and logs. Note: This folder is initially empty in the replication package but is required for the scripts to run.
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SOFTWARE REQUIREMENTS

- **Stata:** Version 15 or higher.
 - **R:** Version 4.0 or higher.
 - Required Stata and R packages are installed automatically if missing.
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REPLICATION INSTRUCTIONS

STEP 1 — STATA ANALYSES

Run the following command in Stata from the package directory: `do incentives.do`

This script performs the following:

- Imports data and constructs analysis variables (including winsorization).
- Produces descriptive statistics, correlations, and regression summaries.
- Generates heterogeneity and distribution figures.
- Conducts publication-bias tests (FAT-PET and endogenous kink models).
- Exports intermediate datasets (CSV format) to the `auxiliaries/` folder for use in R.
- Writes all Stata outputs and logs to the `results/` folder.

STEP 2 — R ANALYSES

Run the following command in R from the same directory: `source("incentives.R")`

This script performs the following:

- Loads the intermediate datasets generated by Stata from the auxiliaries/ folder.
- Implements stem-based methods, p-uniform*, and Andrews–Kasy selection models.
- Performs Bayesian Model Averaging (BMS) and robustness checks.
- Generates publication-ready figures (.pdf) and tables (.tex/csv).
- Writes all outputs to the results/ folder.

NOTES ON REPRODUCIBILITY

- **Relative Paths:** After downloading and unzipping the package, all analyses should be run from the directory where the files are extracted. No manual changes to file paths or working directories are required.
- **Order:** While full replication is achieved by running scripts in the order specified above (Stata then R), the R code can be run independently of Stata.
- **Documentation:** Additional documentation and online appendices are available at <https://meta-analysis.cz/incentives/>.

CONTACT

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