Opatrny, M., Havranek, T., Irsova, Z., Scasny, M. 2025. "Publication Bias and Model Uncertainty in Measuring the Effect of Class Size on Achievement," Journal of Labor Economics.

This folder contains three files:

1. **class.xlsx**
    - Contains the full dataset.
2. **class.do**
    - Contains the code for Stata and R, designed to run on class.xlsx.
    - **Section (A): Whole Sample**
      Includes code that analyzes the full dataset.
    - **Section (B): Preferred Estimates**
      Includes code that analyzes only the subset of preferred estimates.
    - **Section (C): Heterogeneity**
      Includes code that analyzes the whole dataset and the heterogeneity behind.
    - **Subsection "Data Preparation"**
      Generates additional variables and applies data winsorization.
    - **Subsection "Summary Statistics"**
      Produces tables with summary statistics using simple and weighted means, summary statistics of variables used in Bayesian Model Averaging (BMA), histograms, boxplots, and graphs illustrating data patterns.
    - **Subsections**
        - **"Funnel Plot," "FAT-PET," "WAAP," "Stem-based Method," "Endogenous Kink," "p-uniform*," "p-hacking," and "Kranz & Putz"**: These generate results for the publication bias tests discussed in the paper.
        - **"Data Preparation" for R**: Prepares data for use in R, followed by a section on **"Bayesian Model Averaging"** that contains the BMA code for R.
        - **"Frequentist Model Averaging"**: Includes FMA code for R.
    - **Subsection "Best-Practice"**
      Contains code for estimating the standard errors used in the best-practice estimation of the effect.
3. **studies.xlsx**
    - Contains the full list of studies included in the meta-analysis.