Replication Materials for

"Economic Inequality Hinders Access to Peer-to-peer Services"

Overview

This repository contains all materials necessary to replicate the analyses and results reported in the paper titled *Economic Inequality Hinders Access to Peer-to-peer Services*. Each study's raw data files and scripts are provided to ensure full transparency and reproducibility.

Required Software

R is required for running the R scripts provided for various studies.

- **Download and Installation:**
  R can be downloaded for free from the Comprehensive R Archive Network (CRAN): https://cran.r-project.org/ . Choose the version appropriate for your operating system (Windows, macOS, or Linux) and follow the installation instructions on the site.
- Optional (Recommended): RStudio
  Although not required, RStudio provides a user-friendly interface for working with R. Download at: https://posit.co/download/rstudio-desktop/

SPSS is required for running SPSS syntax files and PROCESS-based analyses.

- **Download and Installation:**
  SPSS is a licensed software provided by IBM. Installation instructions vary depending on institutional access.
  Official product page:
  https://www.ibm.com/products/spss-statistics
  Universities often provide installation guides and license codes through their IT services.

Data Files and Codebooks

To begin:

1. Download the data files for each study from the **data** folder.
2. For detailed information on variable definitions, coding procedures, and measurement scales, please consult the corresponding **codebook** provided for each study.

Replication Instructions

1. Set Your Working Directory

Before running any scripts, please ensure that your working directory is set to the location of your local copy of the data folder. This step ensures that all scripts can correctly locate and read the data files.

- In **R**, you may use: setwd("your/path/to/datafolder")
- In **SPSS**, set the working directory through:
  File → Open → Navigate to Data Folder or use syntax such as: CD 'your/path/to/datafolder'.

2. Install Required Packages in R

All scripts require that the appropriate software packages be installed and loaded.

For instructions on installing packages in R, please refer to:
https://cran.r-project.org/doc/manuals/r-release/R-admin.html#Installing-packages

3. Installing PROCESS (R and SPSS)

Some studies include mediation, moderation, and conditional process analyses that rely on PROCESS.

Instructions for installing PROCESS in **R** and **SPSS** are available here:
https://www.processmacro.org/download.html

4. Running the Scripts

Once the environment is set up:

- Run the provided R and/or SPSS scripts for each study, and the single paper meta analysis.
- Ensure that all required packages are installed and loaded prior to execution.
- Confirm that the working directory is properly set.

Notes on Replication Results

Please be aware:

- Output values may differ slightly for analyses involving *bootstrapping* (e.g., mediation models). Such variability is expected due to the stochastic nature of bootstrap sampling.
- Results for analyses based on *closed-form numerical solutions* should reproduce exactly.

Contact

If you encounter any issues with the scripts, data, or replication process, please contact us at jxiang5@vt.edu, mpand@vt.edu, or/and danielt24@vt.edu.