**Replication package for *How Robust are Country Rankings in Educational Mobility?***

Preprint available at <https://osf.io/preprints/socarxiv/9zkc2>

## Dataset list

|  |  |  |  |
| --- | --- | --- | --- |
| Data file | Source | Notes | Provided |
| \data\source\ESS1e06\_6.stata\ESS1e06\_6.dta | ESS | Public | Yes |
| \data\source\ESS2e03\_6.stata\ESS2e03\_6.dta | ESS | Public | Yes |
| \data\source\ESS3e03\_7.stata\ESS3e03\_7.dta | ESS | Public | Yes |
| \data\source\ESS4e04\_5.stata\ESS4e04\_5.dta | ESS | Public | Yes |
| \data\source\ESS5e03\_4.stata\ESS5e03\_4.dta | ESS | Public | Yes |
| \data\source\ESS6e02\_4.stata\ESS6e02\_4.dta | ESS | Public | Yes |
| \data\source\ESS7e02\_2.stata\ESS7e02\_2.dta | ESS | Public | Yes |
| \data\source\ESS8e02\_2.stata\ESS8e02\_2.dta | ESS | Public | Yes |
| \data\source\ESS9e03\_1.stata\ESS9e03\_1.dta | ESS | Public | Yes |
| \data\source\ESS10\ESS10.dta | ESS | Public | Yes |
| \data\source\ESS10SC\ESS10SC.dta | ESS | Public | Yes |
|  |  |  |  |

## Description of programs/code

**run.do**

To run, the top directory contains a stata dofile “run.do” that runs all stata programmes.

Necessary adjustments: The user need to change run.do to contain the path to the main directory on line 16.

**\code\1\_ESS\_data\_prep.do**

This file recodes the different educational variables available in ESS and creates specific variables for fathers, mothers, dominance, and when possible averages.

**\code\1.1\_recode-edulvl-to-tyrsa.do**

Subfile to data\_prep containing year values for ISCED codes.

**\code\2A-E**

These files run the multiverseanalysis over five different parameters

**\code\3\_desctab.do**

Creates latex tables of the results.

**code\4\_Plotting.R**

Creates the figures.

Necessary adjustments: The user need to change run.do to contain the path to the main directory on line 9.

**\code\5\_Rank\_stability.do**

Calculates rank stability and creates a figure

## Memory, Runtime, Storage Requirements

#### Summary

Approximate time needed to reproduce the analyses on a standard (CURRENT YEAR) desktop machine:

* ☐ <10 minutes
* ☐ 10-60 minutes
* ☐ 1-2 hours
* ☐ 2-8 hours
* ☐ 8-24 hours
* ☐ 1-3 days
* ☐ 3-14 days
* ☐ > 14 days

Approximate storage space needed:

* ☐ < 25 MBytes
* ☐ 25 MB - 250 MB
* ☐ 250 MB - 2 GB
* ☐ 2 GB - 25 GB
* ☐ 25 GB - 250 GB
* ☐ > 250 GB
* ☐ Not feasible to run on a desktop machine, as described below.

## Instructions to Replicators

* Edit /run.do to adjust the default path
* Run /run.do .
* Run code\4\_Plotting.R