2020 Report by the AEA Data Editor

This repository contains the code, data, and manuscript files for the 2020 report by the AEA Data Editor. If you are reading this on openICPSR, then only code and data are present.

Locations

The repository at https://github.com/AEADataEditor/report-aea-data-editor-2020 contains text, code, data, and output from running the code.

The deposit at https://doi.org/10.3886/E135023V1 contains code and data, as well as output.

Citing the code and data

> Vilhuber, Lars. and Hyuk Son. 2021b. "Code and Data for: Report for 2020 by the AEA Data Editor."
> American Economic Association [publisher],https://doi.org/10.3886/E135023V1

Data

Summary of Availability

- ☐ All data **are** publicly available.
- ☑ Some data **cannot be made** publicly available.
- ☐ **No data can be made** publicly available.

List of Lab members

```
data/replicationlab_members.txt
```

Listed in the article appendix (which takes the data from the above file).

Data for pre-production verification

Anonymized files from the internal production system are provided in this repository, sourced from Vilhuber (2021a). A copy is provided as part of this archive.

```
data/jira/anon/jira.anon.RDS
data/jira/anon/jira.anon.csv
data/jira/anon/README.md
```

Data on processing time

The data on processing times were extracted from the ScholarOne manuscript management system used by the AEA. Microdata are not available (even to the author), only summary statistics are provided as Excel sheets. These were simply reformatted for the report.

```
data/scholarone/dataEditorReport_20191128-20201127.xlsx
data/scholarone/README.md
```

Computational requirements

Software Requirements

- R 4.0.1
  - Package versions set to as-of 2021-01-01, using MRAN, except for Github installed versions
  - here
  - dplyr
  - tidyr
  - splitstackshape
  - tibble
  - ggplot2
  - remotes
  - stringr
  - readxl
  - "data.table" (github)
  - "Rdatatable" (github)
  - github("markwestcott34/stargazer-booktabs") (overrides standard stargazer!)

Packages are installed within each R program.

Programs

All programs are in the `programs` subdirectory:

```
programs/03_jira_dataprep.R
programs/04_table1_compliance.R
programs/05_table2_stats.R
programs/06_table3_response_options.R
programs/07_table4.R
programs/09_write_nums.R
programs/README.md
programs/config.R
programs/run_all.sh
```

Running code

Each R file can be run independently (separate R sessions), in numerical order. See the `programs/README.md` file for further details.

The script `run_all.sh` is used within a (Linux) shell to implement the above run order, but is optional.

Mapping tables and figures to article

Name of file	Figure/ Table in article	Program to create
n_compliance_manuscript_mod.tex	Table 1	04_table1_compliance.R
n_journal_numbers_mod.tex	Table 2	05_table2_stats.R
jira_response_options_mod.tex	Table 3	06_table3_response_options.R
n_rounds.tex	Table 4	07_table4.R

License

See LICENSE.txt for data and code license.

References

- Vilhuber, Lars. 2021a. "Process data for the AEA Pre-publication Verification Service." American Economic Association [publisher], https://doi.org/10.3886/E117876V2