2019 Report by the AEA Data Editor

This is the report for 2019.

Locations

The repository at https://github.com/AEADataEditor/report-aea-data-editor-2019-final contains text, code, data, and output from running the code.

The deposit at https://doi.org/10.3886/E117884V1 contains code and data, as well as output.

Citing the code and data

> Vilhuber, Lars, David Wasser, and James Tu-ritto.2020. "Code and Data for: Report for2019 by the AEA Data Editor." AmericanEconomic Association [publisher],https://doi.org/10.3886/E117884V1

External dependencies

Two data sources are internal files, not otherwise made available.

Two data sources are:

> Vilhuber,Lars. 2020a. "Data files for AEA Repository migration."American Economic Association [publisher],https://doi.org/10.3886/E117873V1.

> Vilhuber, Lars. 2020b. "Process data for the AEA Pre-publication Verification Service." American Economic Association [publisher], https://doi.org/10.3886/E117876V1

Running code

See the `programs/README.md` file for further details.

Two additional utility scripts are present, for packaging up the contents of the git repository. They are not needed to either create figures and tables, or to compile the article.

Structure

Data

Some data needs to be downloaded before being able to run programs; other data is provided within this repository:

List of Lab members

```
data/replicationlab_members.txt
```

Listed in the article appendix.

Data for pre-production verification

See `data/jira/anon/README.md` for more details. Source: Vilhuber (2020b)

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

Data on repository migration

See `programs/README.md` file for further details. Source: Vilhuber(2020a)

Data on RCT registry

These data are provided as part of this repository. For more details, see `programs/README.md`.

```
data/rct/generated
data/rct/generated/AEAcharts.RData
data/rct/generated/aeareg_data.csv
data/rct/generated/reg_data_q3.Rdata
data/rct/generated/regdatedf.Rdata
data/rct/generated/table_preanalysisplans.csv
data/rct/generated/table_preregistrations.csv
data/rct/raw
data/rct/raw/README.md
```

Programs

All programs are in the `programs` subdirectory:

```
programs/01_prepare-rct.R
programs/02_analysis-rct.R
programs/03_copy_migration_figures.R
programs/04_jira_anonymize.R
programs/05_jira_stats_graphs.R
programs/06_copy_migration_tables.R
programs/07_print_migration_tables.R
programs/README.md
programs/config.R
programs/run_all.sh
```

See the `programs/README.md` file for further details.

Figures and Images

All images, whether hand-created or generated, are in the `images` directory:

```
images/author_response_hist.png
images/figure_migration_doi_by_year.png
images/figure_migration_files.png
images/figure_migration_software_pkgs.png
images/figure_migration_software_years_pct.png
images/figure_preanalysisplans.png
images/figure_preregistrations.png
images/figure_rctgrowth.png
images/n_assessments_journal_plot.png
images/n_rounds_plot.png
images/revision_round_length_hist.png
images/total_length_hist.png
images/Screenshot_aer_data_citation.png
```

To map these to the relevant figures in the article, see `programs/README.md` for further details.

Technical notes (apply only to the Github version)

The repository references at least one external git repo. So do

```
git submodule update --init --recursive
```

after cloning it.