README and Guidance

"Justifying Dissent"
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Overview

The code in this replication package constructs the cleaning and analysis files using Stata, Python and R. Please see the details below. The replicator should expect the code to run for about 5-10 minutes.

Data Availability Statement

The deidentified raw data collected for all experiments reported in the paper are available as part of this replication package.

Software Requirements

- Stata (code was last run with version 17)
- Python (code was last run with version 3.8.8)
  Installed packages: pandas, textacy, spacy, collections
- R (code was last run with version 4.2.1)
  The required packages are in setup-R.R.

Memory and Runtime Requirements

- The whole replication takes approximately 5-10 minutes.
- The code was last run on an 8-core laptop with MacOS version 11.4.

Description of programs/code

- Programs in code/cleaning will conduct data cleaning for all raw data and produce the working data in data/working for figures and tables.
- Programs in code/analysis will use working data for generating all figures and tables.

Dataset

Data file	Notes
data/raw/anticipated-persuasion-deidentified.dta	Raw data for Aux. Exp. 4
data/raw/ATP W39.sav	Raw data for 2018 Pew Research Center's American Trends Panel, Wave 39
data/raw/daylight-sender-deidentified.dta	Raw data for Aux. Exp. 3
data/raw/defund-hypothetical-deidentified.dta	Raw data for Aux. Exp. 6
data/raw/defund-nocredible-receiver-deidentified.dta	Raw data for Aux. Exp. 7
data/raw/defund-openended-deidentified.dta	Raw data for Aux. Exp. 5
data/raw/defund-persuasion-deidentified.dta	Raw data for Aux. Exp. 1
data/raw/defund-receiver-deidentified.dta	Raw data for Exp. 2
data/raw/defund-sender-deidentified.dta	Raw data for Exp. 1
data/raw/defund-sender-replication-deidentified.dta	Raw data for Exp. 1R
data/raw/deport-persuasion-deidentified.dta	Raw data for Aux. Exp. 8
data/raw/deport-receiver-deidentified.dta	Raw data for Exp. 4
data/raw/deport-sender-deidentified.dta	Raw data for Exp. 3
data/raw/rainforest-sender-deidentified.dta	Raw data for Aux. Exp. 2
data/raw/sanctions.dta	Raw data for Aux. Survey
data/raw/tucker-persuasion-prolific-deidentified.dta	Raw data for Aux. Exp. 8

List of tables and programs

Figure/Table	Program	Output file
Figure 2	code/analysis/twitter-sender-analysis.R	output/figures/pooled-sender.png
Figure 3	code/analysis/twitter-receiver-analysis.R	output/figures/pooled-believe-donate.png

		output/figures/pooled-deny.png
Table 1	code/analysis/twitter-sender-analysis.R	output/tables/defund-sender.tex
Table 2	code/analysis/robustness-analysis.R	output/tables/robustness.tex
Table 3	code/analysis/twitter-receiver-analysis.R	output/tables/defund-receiver.tex
Table 4	code/analysis/twitter-sender-analysis.R code/analysis/twitter-receiver-analysis.R	output/tables/deport-all.tex
Figure B.1	code/analysis/anticipated-sanctions.R	output/figures/anticipated-sanctions.png
Figure B.2	code/analysis/marlowe-crowne.R	output/figures/marlowe-crowne.png
Table B.4	code/analysis/sender-demographic-heterogeneity.R	output/tables/sender-demographic-heterogeneity.tex
Table B.5	code/analysis/sender-reweight-analysis.R	output/tables/sender-reweight.tex
Table B.6	code/analysis/twitter-characteristic-analysis.R	output/tables/sender-twitter-heterogeneity.tex
Table B.7	code/analysis/partisan-analysis.R	output/tables/partisan-heterogeneity.tex
Table B.8	code/analysis/persuasion-analysis.R	output/tables/defund-persuasion.tex
Table B.14	code/analysis/persuasion-analysis.R	output/tables/deport-persuasion.tex
Table B.11	code/analysis/twitter-receiver-word-analysis.R	output/tables/defund-chi2.tex
Table B.17	code/analysis/twitter-receiver-word-analysis.R	output/tables/deport-chi2.tex
Table B.2	code/analysis/create-balance-representativeness.R	output/tables/defund-sender-pool-balance.tex
Table B.3	code/analysis/create-balance-representativeness.R	output/tables/defund-sender-pool-representativeness.tex
Table B.9	code/analysis/create-balance-representativeness.R	output/tables/defund-receiver-balance.tex
Table B.10	code/analysis/create-balance-representativeness.R	output/tables/defund-receiver-representativeness.tex
Table B.12	code/analysis/create-balance-representativeness.R	output/tables/deport-sender-balance.tex
Table B.13	code/analysis/create-balance-representativeness.R	output/tables/deport-sender-representativeness.tex
Table B.15	code/analysis/create-balance-representativeness.R	output/tables/deport-receiver-balance.tex
Table B.16	code/analysis/create-balance-representativeness.R	output/tables/deport-receiver-representativeness.tex
Table D.1	code/analysis/create-balance-representativeness.R	output/tables/sanction-representativeness.tex
Table D.2	code/analysis/create-balance-representativeness.R	output/tables/defund-persuasion-balance.tex
Table D.3	code/analysis/create-balance-representativeness.R	output/tables/defund-persuasion-representativeness.tex
Table D.4	code/analysis/create-balance-representativeness.R	output/tables/rainforest-sender-balance.tex
Table D.5	code/analysis/create-balance-representativeness.R	output/tables/rainforest-sender-representativeness.tex
Table D.6	code/analysis/create-balance-representativeness.R	output/tables/dst-sender-balance.tex
Table D.7	code/analysis/create-balance-representativeness.R	output/tables/dst-sender-representativeness.tex
Table D.8	code/analysis/create-balance-representativeness.R	output/tables/anticipated-persuasion-balance.tex
Table D.9	code/analysis/create-balance-representativeness.R	output/tables/anticipated-persuasion-representativeness.tex
Table D.10	code/analysis/create-balance-representativeness.R	output/tables/motives-balance.tex
Table D.11	code/analysis/create-balance-representativeness.R	output/tables/motives-representativeness.tex
Table D.12	code/analysis/create-balance-representativeness.R	output/tables/defund-hypo-balance.tex
Table D.13	code/analysis/create-balance-representativeness.R	output/tables/defund-hypo-representativeness.tex
Table D.15	code/analysis/create-balance-representativeness.R	output/tables/defund-receiver-lc-balance.tex
Table D.16	code/analysis/create-balance-representativeness.R	output/tables/defund-receiver-lc-representativeness.tex
Table D.17	code/analysis/create-balance-representativeness.R	output/tables/deport-persuasion-balance.tex
Table D.18	code/analysis/create-balance-representativeness.R	output/tables/deport-persuasion-representativeness.tex
Table D.14	code/analysis/defund-receiver-reweight.R	output/tables/defund-receiver-reweight.tex

Instructions to Replicators

To produce all tables and figures in one procedure:

1. Store the complete folder ReplicationFiles on your computer.
2. Set the correct path to the ReplicationFiles.
3. Run run.sh.