Replication files

Each of the three figures in the manuscript, as well as the table and the appendix, have their own script to be used either in STATA or R. Each script relies on a specific dataset. The following sections detail the relevant script and dataset for each figure/table.

Figures

- Figure01.png:
  - Figure01.do – STATA do file.
  - Figure01.dta – STATA dataset.
  - anes.do – STATA do file, transformation of raw ANES data to create Figure01.dta.

- Figure02.png:
  - Figure02.R – R script file.
  - Figures02_03.dta – STATA dataset (used for both figure 2 & 3).
  - Figure02EducationAttainment.xlsx – Excel dataset used for figure 2.
  - collegemore_indicator.do – aggregating raw survey data (Roper data, we cannot provide; its collection specified in Table01) to include education indicators.

- Figure03.png:
  - Figure03.do – STATA do file.
  - Figures02_03.dta – STATA dataset (used for both figure 2 & 3).

Tables

- Table01.R – R script file.
- Table01.RData – an R image containing several objects. Objects include 12 ridge regressions (2 for each topic) as displayed in the table, as well as the data frames they are based on.
- Raw data for models in Table 1:
  - original_roper_data_surveys.do – collection and transformation of original survey data from Roper from Cavari & Freedman (2018)
  - responserate.xlsx – manually created file, recording response rate of original survey data from Roper from Cavari & Freedman (2018), used in preparation of survey data file.
  - questions.xlsx – manually created file of survey questions from Cavari & Freedman (2018), used in preparation of survey data file.
  - new_roper_to_dta_surveys.R – conversion from Rdata to dta (stata file) of new survey data collected from Roper.
  - new_roper_data_surveys.do - collection and transformation of new survey data from Roper
  - newsurveys.xlsx – manually created file, recording response rate of new survey data from Roper
  - original_congress_final.do – stata file for calculating original d statistics on congressional roll call data from Cavari & Freedman (2018)
  - new_congressd.R – R file for calculating new d statistics on congressional roll call data

- K values: Ridge regression requires a correct estimation of the K tuning parameter. The Table01.R script includes code for estimating these values for all 12 models. Because this estimation consumes a lot of memory, we provide several txt files with the estimated results. KM4 is the appropriate estimation for our data. txt files:
    - Economy models — keconomy20200806.txt.
    - Civil rights models — kciv20200806.txt.
    - Energy models — kenergy20200806.txt.
    - Immigration models — kimm20200806.txt.
    - Welfare models — kwel20200806.txt.
    - Foreign Affairs models:
        - Unit response rate as a single predictor — kforeignM20200806_response.txt
        - Contact and cooperation rates as separate predictors — kforeignM20200806_both.txt
        - For robustness purposes – a model including an additional survey with unreliable response rates — kforeign20200806.txt.
- AppendixTable01.R – R script file for the table in the appendix.

Online Supplementary Material (Survey Questions)

The following files both list each survey question used in the data, it's survey id on Roper, question text and policy topic. The pdf lists the question in bullet point format, while the excel provides the data in a more accessible format for filtering/sorting/analyzing content.

- SNR_Polarization_APSR_SurveyQuestions_OA2.pdf
- SNR_Polarization_APSR_SurveyQuestions_OA2.xlsx