Explanatory memo for: "The Corrosive effect of Corruption on Trust in Politicians: Evidence from a Natural Experiment"

Information and contents

Instructions_replication.pdf: Information about analyses and replication instructions

corruption_barcenas.do: do-file for replication of analyses

Dataset (1): ess_6_spain.dta | The submitted dataset corresponds to the Spanish sub-sample of the integrated datafile for round 6 of the European Social Survey edition 2.3 (dataset name: ESS6e02_3). To this dataset we have incorporated the ESS paradata file (dataset name: ESS6cf_e02) edition 2.0 also named "Data from contact forms" in the ESS website.

Dataset (2): ESS7ES.dta | Original ESS dataset (Spanish subsample). Dataset name: ESS7e02_1 Edition 2.1

Dataset (3): ESS6DK.dta | Original ESS dataset (Danish subsample). Dataset name: ESS6e02_3, Edition 2.3

Dataset (4): g_trends.dta| Dataset that contains Google trends for the search string "caso barcenas"

For all these datasets missing values were declared using the do-files provided with the ESS datasets "ESS_miss.do"

Analyses were conducted with Stata MP 13.1

The original ESS datasets can be downloaded at the following addresses:

- ESS6e02_3: http://www.europeansocialsurvey.org/download.html?file=ESS6e02_3&c=&y=2012&loggedin

- ESS6cf_e02 http://www.europeansocialsurvey.org/download.html?file=ESS6CFe02&y=2012

- ESS7e02_1 http://www.europeansocialsurvey.org/download.html?file=ESS7ES&c=ES&y=2014

- ESS6e02_3 http://www.europeansocialsurvey.org/download.html?file=ESS6DK&c=DK&y=2012

Ares & Hernández, 2017: The Corrosive effect of Corruption on Trust in Politicians: Evidence from a Natural Experiment

Instructions for replication of paper tables and figures and appendix figures and tables

1. Open do-file corruption_barcenas.do
2. To run the do-file change working directory (path) in line 7 to the directory where the materials were unzipped
3. Load dataset (line 19)
4. Run data management (lines 21-100). In the data management section, we generate some variables necessary for our analyses (e.g. the treatment variable), as well as some auxiliary variables
5. **Table 1:** Lines 104-109 generates the different t-tests that are summarized in table 1.
6. **Figure 1:** Lines 113-117 temporarily loads google trends dataset and generate figure 1
7. **Figure 2:** Lines 122-123 generates Figure 2
8. **Table 2:** Lines 128-134 generates the results summarized in table 2
9. **Figure 3:** Lines 139-144 generates the different regression models, which we summarized in Figure 3.
10. Lines 145-149 t-tests mentioned in footnote 5
11. Lines 157-164 generate the three categories treatment variable mentioned in footnote 6 and fully summarized in appendix B
12. **Figure A1:** Lines 166-172 model and margins specification used to create figure A1
13. **Table A2 model 4 (results controlling for the number of refusals):** Line 179. The variable to measure the number of refusals is generated in lines 75-79
14. **Table A2 models 5-**6: Lines 183-188
15. **Table A3:** Summarizes the regions that are only included in the treatment group (those taking the value 0 in the table produced). Line 196
16. **Table A5 models 7 and 8:** Lines 198-204
17. **Table A7:** Lines 207-224 can be used to replicate the coarsened exact matching estimation summarized in table A7. Before running these lines it is necessary to install the ado-file cem from http://fmwww.bc.edu/RePEc/bocode/c
18. **Table A8:** Lines 228-238 can be used to replicate the entropy balancing estimation summarized in table A7. Before running these lines it is necessary to install the ado-file ebalance from http://fmwww.bc.edu/RePEc/bocode/e
19. **Table A8:** Line 243 generates the RDD summarized in table A9. Before running the command it is necessary to install the ado-file package rd from http://fmwww.bc.edu/RePEc/bocode/r/rd.ado
20. **Simulation of placebo events:**
    a. In lines 247-270 the simulation routine is programmed
    b. Lines 272-276 run the simulation
    c. **Table A4:**
        i. Lines 279-286 generate the parameters to be summarized in table A4
        ii. Line 288 presents the summary of table A4
    d. **Figure A1:**
        i. Line 291 loads the auxiliary dataset where information about the random events is stored
        ii. Line 293 generates the histogram (figure A1)
21. **Table A6: Models 9 and 10**
    a. Lines 297-298 load the ESS-7 dataset and declare missing values through the auxiliary do-file "ESS_miss.do"

- **b.** Lines 300-331 are used to generate the necessary variables to replicate the analyses with ESS-7
- **c.** Lines 333-338 produce the results summarized in table A6 models 9 and 10.

22. Table A6: Models 11 and 12

- **a.** Lines 344-345 load the ESS-6 dataset (Danish subsample) and declare missing values through the auxiliary do-file "ESS_miss.do"
- **b.** Lines 348-375 are used to generate the necessary variables to replicate the analyses with the Danish subsample
- **c.** Lines 379-383 produce the results summarized in table A6 models 9 and 10.