Replication Package for:
"Lies in politics: A study of politicians' preferences for truth-telling"
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This replication package is divided into two parts:
1) The data for the replication code. This is contained in file "dataRepl.dta". Note that variables "log population size" and "party" have been standardized and variable "margin2015" has been rounded due to privacy requirements.
2) The other part can be found in the do files. The replication code for the statistical tests and figures in the main paper is contained in the file "TestsFigures.do". The replication code for the tables in the main paper (and Figure S1 from the Supplementary Information) is contained in the file "Tables_1_2_FigureS1.do." File "Tables_S1S2.do" contains the replication code for tables S1 and S2 from the Supplementary Information. As the data for these tables cannot be made available due to data protection regulation, only parts of the tables can be reproduced. Files "Tables_S3S4.do" and "Tables_S5S6.do" contain the replication code for tables S3-S6 in the Supplementary Information.

Replication data from Main Paper

The folder "data" contains the raw data necessary for creating the figures and tables in the main paper. Below we list the variables contained in the dataset.

- "row_id" gives each row and id
- "iscara" is a dummy variable of the reported coin flip outcome. It is 0 if the mayor reported tails and 1 if they reported heads.
- "interestreport" is a categorical variable of which degree of interest in receiving the report the mayor reported (1:not, 2: somewhat, 3: quite, 4: very interested).
- "interestreportYes" is a dummy variable of whether the mayor reported strong interest in receiving the report (categories 3 and 4 from interestreport are coded as 1, 0 otherwise).
- "gender" is a dummy variable of the mayor's gender. It is 0 if they are male and 1 if they are female.
- "party" is a categorical variable that takes values 1 to 17. Each category is a party. The labels have been removed so that individual party membership cannot be identified from the data.
- "isMajorParty" is a dummy variable of the party membership. It takes value 1 if the mayor is a member of one of the two major parties in Spain, PP or PSOE.
- "saysRunAgain" is a dummy variable of mayors' self-reported intent to run for reelection in the 2019 municipal elections.

- "ranagain" is a dummy variable of whether a mayor did run for reelection as measured by entry in the first three positions of the ballot (lower positions suggest support for the party but no intent to rerun for the position of mayor.
- "reelected" is a dummy variable of whether the mayor was reelected in the 2019 municipal elections.
- "margin2015" is a continuous variable that measures the difference in the seat shares of the largest and the second largest parties in the municipality. Larger values indicate less competitive political environments. The variable has been rounded.
- "pop_log" is the logged population size. This variable has been standardized.
- "honestytime_cutoff" is a categorical variable based on the time mayors spent on the honesty question where they had to report the result of the coin flip. A value of 0 indicates a "normal" response time greater than 5 and less or equal 85 seconds. As mayors who spent 5 seconds or less are dropped from the evaluation, they form their own category "1". Mayors who spent more than 90 seconds are also dropped from the main analysis. As the SI Appendix includes tables with alternative cutoffs (more than 85, more than 95, or no upper limit), there are three categories for time greater than 85 seconds: "2" greater than 85 but equal or less than 90 seconds, "3" greater than 90 but equal or less than 95 seconds, "4" greater than 95 seconds. For the analyses in the main paper, mayors in categories 1, 3 and 4 are dropped in the beginning of each do file.
- "age" is a variable of the mayor's age in 2018. This variable has been standardized.
- "FatherJob" is a dummy of whether the mayor reported the job of the father.
- "MotherJob" is a dummy of whether the mayor reported the job of the mother. This variable and "FatherJob" are only used to show that most mayors replied to the open ended question.

Replication of statistical tests and Figures in Main Paper

In the "Replication" folder, there is a Stata file named "TestsFigures_1_2_3.do". Running this file will create the figures in the main paper. The statistical test results are displayed in the Stata editor.

To successfully run the do file, update the directory at the top of "TestsFigures_1_2_3.do" so that the file can find the folder containing the data needed to run the file on your computer.

Replication of Tables in Main Paper (and Figure S1)

In the "Replication" folder, there is a Stata file named "Tables_1_2_FigureS1.do". Running this file will create the tables in the main paper. It will also create figure S1 from the Supplementary Information.

To successfully run the do file, update the directory at the top of “Tables_1_2_FigureS1.do” so that the file can find the folder containing the data needed to run the file on your computer.

Replication of Tables in Supplementary Information

In the “Replication” folder, there are Stata files named “Tables_S1S2.do”, “Tables_S3S4” and “Tables_S5S6.do”. Running these files will create the tables from the Supplementary Information.

Please note that due to data protection regulation, we could not provide a dataset comparing the participants to non-participants which implies that only part of table S1 can be replicated. Table S2 cannot be replicated.

To successfully run the do files, update the directory at the top of each do file so that the files can find the folder containing the data needed to run the files on your computer.