Replication archive for

Irrelevant Events and Voting Behavior: Replications Using Principles from Open Science

Matthew H. Graham Neil Malhotra
Gregory A. Huber Cecilia Hyunjung Mo

June 12, 2020

Forthcoming in *The Journal of Politics*

This replication archive includes the following:

- Scripts that conduct all analysis and create all figures.
- Cleaned data files. For source information, see the pre-analysis plan, which is included in the online appendix.
- Results for the tornado study in .csv format. These are included separately because calculating the results takes a long time and is memory-intensive.

Scripts

main.R	*Droughts and floods:* Conducts analysis and creates main text figure 1, appendix figures F.1 and F.2, and appendix tables F.1 to F.18.
	Football games: Conducts analysis and creates main text figure 2, appendix figures L.1 and L.2, and appendix tables L.1 to L.16.
	Tornadoes: Creates main text figure 3, appendix figures I.1 and I.2, and appendix tables I.1 to I.10. Imports these results from the tornado_results directory.
drought_FE_test.R	Creates appendix tables F.19 to F.22.
tornado_FE_test.R	Creates appendix tables I.11 to I.14.
tornado_presElections.R	Conducts analysis for main text figure 3, appendix figure I.1, and appendix tables I.1, I.2, I.3, I.4, and I.9. Writes the results to .csv files. The tornado_results directory contains a pre-calculated version of these files.
tornado_allElections.R	Conducts analysis for appendix figure I.2 and appendix tables I.5, I.6, I.7, I.8, and I.10. Writes the results to .csv files. The tornado_results directory contains a pre-calculated version of these files.
tornado_functions.R	Loads packages and data for tornado_presElections.R and tornado_allElections.R. Does not need to be run independently.

Data and results

codebook.pdf	Describes each variable in the .csv files listed below.
demographics.csv	County-level demographic data for the tornado and football studies.
electoral.csv	Electoral data for all three studies.
drought.csv	Drought index and control variables for the drought study.
football.csv	Football game data for the football study.
tornado_joined.csv	All data for the tornado study.
tornado_results	Directory containing pre-calculated results for the tornado study. The contents can be reproduced by running tornado_presElections.R and tornado_allElections.R.