ReadMe: On the Economic Consequences of Mass Shootings

Overview

The code in this replication package replicates figures and tables from "On the Economic Consequences of Mass Shootings" by Abel Brodeur and Hasin Yousaf in the *Review of Economics and Statistics*. Throughout, the software used is Stata 14. We also provide shape files for the maps. The data used is:

> Brodeur, Abel, and Hasin Yousaf. Data and Code for: On the Economic Consequences of Mass Shootings. 2022. Harvard Dataverse, V1.

One file contains all code needed to generate the exhibits in the main paper. Another file contains all code needed to generate the exhibits in the Appendix. The replicator should expect the code to run for less than one hour on a personal computer.

Figure/Table	Program
Table 1	maindofile.do, line 11
Table 2	maindofile.do, line 38
Table 3	maindofile.do, line 57
Table 4	maindofile.do, line 145
Table 5	maindofile.do, line 173
Figure 1	maindofile.do, line 218 (using Shapefile files)
Figure 2	maindofile.do, line 270 (using Shapefile files)
Table A1	appendixdofile.do, line 11
Table A2	appendixdofile.do, line 67
Table A3	appendixdofile.do, line 80
Table A4	appendixdofile.do, line 95
Table A5	appendixdofile.do, line 108

Table A6	appendixdofile.do, line 119
Table A7	appendixdofile.do, line 141
Table A8	appendixdofile.do, line 150
Table A9	appendixdofile.do, line 201
Table A10	appendixdofile.do, line 218
Table A11	appendixdofile.do, line 255
Table A12	appendixdofile.do, line 348
Table A13	appendixdofile.do, line 358
Table A14	appendixdofile.do, line 395
Table A15	appendixdofile.do, line 425
Figure A1	appendixdofile.do, line 436
Figure A2	appendixdofile.do, line 501
Figure A3	appendixdofile.do, line 567
Figure A4	appendixdofile.do, line 655
Figure A5	appendixdofile.do, line 906

Data Availability and Provenance Statements

The data used in this project can be publicly accessed on Restat's Harvard Dataverse V1.

Summary of Availability

All data are publicly available, with the exception of the consumer sentiment data (*Michigan Surveys of Consumers*). This data is necessary to compute the numerical results in Table 4, Panel A. The county identifiers need to be purchased here: https://data.sca.isr.umich.edu/contact.php.

Dataset list

Data file	Source	Notes	Provided
BRFSS.dta	CDC: Behavioral Risk Factor Surveillance System	Publicly available	Yes
Countyvars.dta	Data from US Census	Publicly available	Yes
Finaldata.dta	Final data set to be used	Available; combination of data sets	Yes
Finaldataoriginal.dta	Final data set to be used	Available; combination of data sets	Yes
media_data2.dta	Media data from Vanderbilt	Publicly available	Yes
ms2.dta	Mass Shooting Data	Publicly available	Yes
ms3.dta	Mass Shooting Data	Publicly available	Yes
results_death_cutoff.dta	Employment Data	Available; combination of data sets	Yes
sentiments.dta	Michigan Surveys of Consumers	Not publicly available	No

Computational requirements

A personal computer running at least Stata14 will generate these exhibits.

Controlled Randomness

There is no randomness for this project.

Memory and Runtime Requirements

Summary

Approximate time needed to reproduce the analyses on a standard (2022) desktop machine:

<1 hours

Description of programs/code

"maindofile.do" and "appendixdofile.do" will create both graphs and tables used in the project.

Instructions to Replicators

Be sure to change the working directory.

List of tables and programs

See overview

References

Brodeur, Abel, and Hasin Yousaf. Data and Code for: On the Economic Consequences of Mass Shootings. 2022. Harvard Dataverse, V1.