This README document describes how to replicate “Minimum Wage Employment Effects and Labor Market Concentration” by José Azar, Emiliano Huet-Vaughn, Ioana Marinescu, Bledi Taska, and Till von Wachter and published in the *Review of Economic Studies*.

Data Availability Statement

Many of the figures and tables in the paper are produced using proprietary data provided by Burning Glass Technologies, which has subsequently been renamed Lightcast. While we cannot share these data, they can be obtained from Burning Glass Technologies (Lightcast) following their rules for data access and for a fee. Interested researchers should contact Bledi Taska ([bledi.taska@lightcast.io](mailto:bledi.taska@lightcast.io)). For figures and tables Using Burning Glass/Lightcast data, in the subsequent code we provide the means to generate the results once certain files, prefixed *Restud\_AHMTW-------.dta*, are accessed from Burning Glass (Lightcast). For figures and tables that require no use of this proprietary data, we include the data and code to replicate them here.

Software

The replication files using Stata use Stata Version 17.0. The replication files using Julia use Julia Version 1.8.3. Replication files for Figures and Tables made using Stata are in a STATA folder. Replication files for Figures and Tables made using Julia are in a JULIA folder.

MAIN TEXT

\***Table1-3.do** in the STATA folder: generates table 1, table 2, table 3 in the main text using the *Restud\_AHMTW\_BaseFile1.dta, Restud\_AHMTW\_BaseFile2.dta,* and *Restud\_AHMTW\_BaseFile3.dta* BGfiles.

\***Table 4.do** in the STATA folder: generates table 4 in the main text using the *Restud\_AHMTW\_ESBaseFile1.dta, Restud\_AHMTW\_ESBaseFile2.dta, Restud\_AHMTW\_ESBaseFile3.dta, Restud\_AHMTW\_ESstringBaseFile1.dta, Restud\_AHMTW\_ESstringBaseFile2.dta,* and *Restud\_AHMTW\_ESstringBaseFile3* BGfiles. Nb: each row of the table is generated in its own separate tex file.

\***Figure 1\_and\_baseline.jl** in the JULIA folder: generates Figure 1 in the main text.

\***Figures2-7.do** in the STATA folder: generates Figure 2, Figure 3, Figure 4, Figure 5, Figure 6, and Figure 7 in the main text using the *Restud\_AHMTW\_BaseFile1.dta, Restud\_AHMTW\_BaseFile2.dta,* and *Restud\_AHMTW\_BaseFile3.dta* BGfiles (and for Figure 7 also using the file *minwage\_elast.dta* found in the STATA folder).

\***Figures8-10.do** in the STATA folder: generates Figure 8, Figure 9, and Figure 10 in the main text using the *Restud\_AHMTW\_ESBaseFile3.dta* BGfile.

\***Figures11-13.do** in the STATA folder: generates Figure 11, Figure 12, and Figure 13 in the main text using the *Restaurants.dta* file in the STATA folder.

\***Figure14.do** in the STATA folder: generates Figure 14 in the main text using a series of *RESTUD\_AHMTW\_hhi\_state\_metro\_`X’.dta* BG files as well files that must be accessed from Cengiz et al. (2019) by first installing and running their replication package.

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\***Table5.do** in the STATA folder: generates Table 5 in the main text using the *Restud\_AHMTW\_BaseFile3.dta* BG file.

APPENDIX

\***Table A1** subfolderin the JULIA folder: contains 4 files -- *MinWage Model -ByHHI\_SpecificMinWage ProdHigh.jl*, *MinWage Model - ByHHI\_SpecificMinWage ProdLow.jl*, *MinWage Model - ByHHI\_SpecificMinWage ElastHigh.jl*, *MinWage Model - ByHHI\_SpecificMinWage ElastLow.jl* – that generate Appendix Table A1.

\***Figure A1.jl** in the JULIA folder: generates Appendix Figure A1.

\***Figure A2.jl** in the JULIA folder: generates Appendix Figure A2.

\***TablesA2,A10.do** in the STATA folder: generates Appendix Table A2 and Appendix Table A10 using the *Restud\_AHMTW\_A2A10.dta* BG file.

**\*TablesA3,A5.do** in the STATA folder: generates Appendix Table A3 and Appendix Table A5 using the *Restud\_AHMTW\_BaseFile1.dta, Restud\_AHMTW\_BaseFile2.dta,* and *Restud\_AHMTW\_BaseFile3.dta* BGfiles. Nb: this generates the content of the tables but not the .tex file.

\***TableA4.do** in the STATA folder: generates Appendix Table A4 using the *Restud\_AHMTW\_BaseFile1.dta* BG files.

\***TablesA6-A7.do** in the STATA folder: generates Appendix Table A6 and Appendix Table A7 using the *Restud\_AHMTW\_BaseFile1.dta, Restud\_AHMTW\_BaseFile2.dta,* and *Restud\_AHMTW\_BaseFile3.dta* BGfiles.

\***TablesA8-A9.do** in the STATA folder: generates Appendix Table A8 and Appendix Table A9 using the *Restud\_AHMTW\_RN.dta*, *Restud\_AHMTW\_MA.dta*, *Restud\_AHMTW\_VN.dta*, and *Restud\_AHMTW\_MA.dta* BG files.

\***TableA11.do** in the STATA folder: generates Appendix Table A11 using the *Restud\_AHMTW\_BaseFile1.dta, Restud\_AHMTW\_BaseFile2.dta,* *Restud\_AHMTW\_BaseFile3.dta,* and *RESTUD\_AHMTW\_hhis\_arnold.dta* BG files .

\***TableA12-A14.do** in the STATA folder: generates Appendix Table A12, appendix Table A13, Appendix Table 14 using the *Restud\_AHMTW\_BaseFile1.dta, Restud\_AHMTW\_BaseFile2.dta,* and *Restud\_AHMTW\_BaseFile3.dta* BGfiles.

\***TableA15-16.do** in the STATA folder: generates Appendix Table A15 and Appendix Table A16 using *Restud\_AHMTW\_BaseFile1.dta, Restud\_AHMTW\_BaseFile2.dta,* and *Restud\_AHMTW\_BaseFile3.dta* BGfiles.

\***TableA17.do** in the STATA folder: generates Appendix Table A17 using a series of *RESTUD\_AHMTW\_hhi\_state\_metro\_`X’.dta* BG files as well files that must be accessed from Cengiz et al. (2019) by first installing and running their replication package.

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\***TableA18.do** in the STATA folder: generates Appendix Table A18 using files that must be accessed from Cengiz et al. (2019) by first installing and running their replication package.

\***FiguresA3-A8.do** in the STATA folder: generates Appendix Figure A3, Appendix Figure A4, Appendix Figure A5, Appendix Figure A6, Appendix Figure A7, and Appendix Figure A8 using *Restud\_AHMTW\_ESBaseFile1.dta* and *Restud\_AHMTW\_ESBaseFile2.dta* BG files.

\***FigureA9-A11.do** in the STATA folder: generates Appendix Figure A9, Appendix Figure A10, and Appendix Figure A11 using *Restud\_AHMTW\_ESstringBaseFile1.dta, Restud\_AHMTW\_ESstringBaseFile2.dta,* and *Restud\_AHMTW\_ESstringBaseFile3.dta* BGfiles.

\***FigureA12-A14.do** in the STATA folder: generates Appendix Figure A12, Appendix Figure A13, and Appendix Figure A14 using *Restud\_AHMTW\_ESBaseFile1.dta, Restud\_AHMTW\_ESBaseFile2.dta,* and *Restud\_AHMTW\_ESBaseFile3.dta* BGfiles.

\***FiguresA15-23.do** in the STATA folder: generates Appendix Figure A15, Appendix Figure A16, Appendix Figure A17, Appendix Figure A18, Appendix Figure A19, Appendix Figure A20, Appendix Figure A21, Appendix Figure A22, and Appendix Figure A23 using *RESTUD\_AHMTW\_stacked1.dta*, *RESTUD\_AHMTW\_stacked2.dta*, and *RESTUD\_AHMTW\_stacked3.dta* BG files.

\***FiguresA24.do** in the STATA folder: generates Appendix Figure A24 using the *EstabsProxy.dta* file.

\***FiguresA25.do** in the STATA folder: generates Appendix Figure A25 using the *Restaurants.dta* file.

\***FigureA26.do** in the STATA folder: generates Appendix Figure A26 using files that must be accessed from Cengiz et al. (2019) by first installing and running their replication package.

\***TablesA19-A20.do** in the STATA folder: generates Appendix Figure A19 and Appendix Figure A20 using *Restud\_AHMTW\_BaseFile1.dta, Restud\_AHMTW\_BaseFile2.dta,* and *Restud\_AHMTW\_BaseFile3.dta* BG files as well as the *CPI\_by\_County.dta* file.

Data Citation

* Burning Glass Technologies. 2018. “Database of vacancies posted online, 2010-2016.”

Besides the above referenced data files, data from the following additional source (as noted above) must be downloaded to make some elements of the code run. Otherwise, the replication files are self-contained and include all other analysis data (with non-BG sources as cited in the paper).

* Cengiz Doruk, Dube Arindrajit, Lindner Attila, Zipperer Ben, “Replication Data for: ‘The Effect of Minimum Wages on Low-Wage Jobs’,” Harvard Dataverse (2019), [https://doi.org/10.7910/dvn/tjctc7](https://doi.org/10.7910/dvn/tjctc7%20)