This folder contains all files required for replicating the results in Lovenheim and Willén (2018). This readme document describes each of these files, what they do and how to use them. Note that the raw ACS data files used to construct our estimation samples are not included in this folder, but that they can be downloaded from http:\\www2.census.gov\ (Specifically, the ACS 1-year files, "cvs_pus.zip", can be downloaded from "https://www2.census.gov/acsYEAR_1yr/pums/" in which YEAR indicates the year that you are interested in downloading. The 2005 and 2006 ACS files are stored at a different subpage on the census webpage, and can be downloaded from "https://www2.census.gov/acs/downloads/pums/".

The estimates in Table 8 use restricted-access geocodes from the NLSY79. We include the code to replicate these results (Table 8.do) but because of the data access agreement with the BLS we are unable to provide the data. Those wishing to replicate these results can apply for a restricted-access license from the BLS. Instructions on how to apply for a restricted-access license are here: https://www.bls.gov/nls/geocodeapp.htm. Unrestricted NLSY79 data can be downloaded at https://www.nlsinfo.org/investigator/pages/search.jsp?s=NLSY79.

The replication files are organized into 3 subfolders, which are described below:

[1] Analysis Files

This folder contains the .do program files (in Stata format) that reproduces all results shown in Lovenheim and Willén (2018). "[1] Main Tables and Figures" produces all results included in the printed version of the article except for Table 8. "[2] Table 8.do" replicates Table 8, but the data required to run this code are not included due to the restricted access nature of these data as described above. "[3] Appendix Tables and Figures" reproduces all tables and figures shown in the online appendix. In order to run the files, you must change the directory and local pathway at the beginning of each of these files. All results are saved in the designated "output" directory.

[2] Data Construction Files

This folder contains the program files required to construct our various analyses samples. Note that the regression-ready estimation .dta files have been included in the Data Files folder, and the data construction files are therefore not necessary to run in order to replicate our results. However, should anyone wish to replicate the

data creation part of our analysis, the files in this folder are necessary. The following files are available in this folder:

- Construction of Estimation Sample: This file creates our main analysis sample based on the raw ACS data files, the collective bargaining data, and the EITC, food stamp and school finance reform data.

- Construction of Estimation Sample - Occupational Skill: This file creates our main analysis sample used to analyse the effect on occupational skill based on the raw ACS data files, the collective bargaining data, and the EITC, food stamp and school finance reform data.

- Occupation Bridge for Occupational Skill Sample: This code produces a data set with two groups (the number of individuals with at the most a high school degree and the number of individuals with at least a BA degree) by occupation and is used in conjunction with "Construction of Estimation Sample - Occupational Skill" to obtain the required Occupational Skill variable.

- Home Ownership: This file creates the home ownership variable used in column vi of Online Appendix Table A6.

- Total Union Membership: This file creates the union membership variable used in Panel B of Online Appendix Tables A4 and A5.

- Urbanicity: This file creates the urbanicity variable used in Panel C of Online Appendix Tables A4 and A5.

- Riots and Unrest: This file creates the riots and violent protests variable used in Panel D of Online Appendix Tables A4 and A5.

- Current State equal to Birth State: This file generates the sample used to obtain the results in Panel A of Online Appendix Tables A7 and A8.

- Selective migration: This file generates the sample used to obtain the results in Panel B of Online Appendix Tables A7 and A8.

- Selective migration b: This file obtains the fraction of 17 year olds that moved from each state to each state based on the 1990 decennial census, and is used in conjunction with "Selective migration" to obtain the results in Panel B of Online Appendix Tables A7 and A8.

- Control for current state of residency: This file is used to obtain the sample underlying the estimation in Panel E of Online Appendix Tables A4 and A5.

- Democratic control of state legislature: This file creates the democratic control of state legislature variable used in Panel H of Online Appendix Tables A4 and A5.

Note: In order to run the data construction files, you must change the directory and local path to the at the beginning of each of these .do files. Also note that changing any of the names of the subfolders, or moving any of the raw data files into different folders, will require additional path adjustments throughout each of these files. Finally, note that the raw ACS files are not included in this folder, and must be downloaded and placed in the "ACS Files" folder prior to running any of these programs. The raw ACS files can be downloaded from http:\\www2.census.gov\ (ACS 1-year files, "cvs_pus.zip" for years 2005-2012). If the naming convention has not changed since we downloaded these files (see rows 22 to 36 in [1] Construction of Estimation Sample) simply placing these files in the "ACS files" folder will be sufficient for running the data construction files. If the naming convention has changed, you will need to adjust the names of the raw ACS files in the data construction .do files prior to running them.

[3] Data Files

This folder contain all regression-ready files produced by the data cleaning files in [2]. It also includes all the raw .dta, .dat and .xlxs files used to construct our samples (with the exception of the raw ACS files which can be downloaded from http:\\www2.census.gov\ (ACS 1-year files, "cvs_pus.zip" for years 2005-2012).