Replication Package README for "How the 1963 Equal Pay Act and 1964 Civil Rights Act Shaped the Gender Gap in Pay" by Martha J. Bailey, Thomas Helgerman, and Bryan A. Stuart

Overview

This replication package constructs analysis data and generates the results in the paper and appendix. All code is executed from the master.do file. The replicator should expect the code to run for at least 14 days.

Data Availability and Sources

All data are publicly available. Below we provide details on each data source used. The files described here are included in the data subfolder of the replication package.

1. Current Population Survey data. There are two different files, corresponding to different time periods. The files are:
   cps_00025.dat
   cps_00035.dat

   Source: Flood, Sarah, Miriam King, Renae Rodgers, Steven Ruggles, J. Robert Warren, Daniel Backman, Annie Chen, Grace Cooper, Stephanie Richards, Megan Schouweiler, and Michael Westberry. IPUMS CPS: Version 11.0 [dataset]. Minneapolis, MN: IPUMS, 2023.

2. Decennial Census data. There are three different files, corresponding to different time periods. The files are:
   usa_00047.dat
   usa_00056.dat
   usa_00058.dat

   Source: Ruggles, Steven, Sarah Flood, Matthew Sobek, Danika Brockman, Grace Cooper, Stephanie Richards, and Megan Schouweiler. IPUMS USA: Version 13.0 [dataset]. Minneapolis, MN: IPUMS, 2023.

3. Complete Count 1940 Decennial Census data. There is one file:
   usa_00361.dta

   Source: Ruggles, Steven, Catherine A. Fitch, Ronald Goeken, J. David Hacker, Matt A. Nelson, Evan Roberts, Megan Schouweiler, and Matthew Sobek. IPUMS Ancestry Full Count Data: Version 3.0 [dataset]. Minneapolis, MN: IPUMS, 2021.

4. CPI-U data. These data were downloaded from the Bureau of Labor Statistics website. There is one file:
   SeriesReport-20221003131452_64100f.xlsx

Source: https://www.bls.gov/cpi/

5. State shapefile. We use a shapefile from the National Weather Service to construct Figure II. The files are:
   s_22mr22.shp
   s_22mr22.dbf

   Source: https://www.weather.gov/gis/USStates

6. Initial year of EPA law. Figure II reports the year when each state enacted its equal pay law. These years are contained in one file:
   epa_state_year.xlsx

   Source: See notes to Figure II.

7. Historical hearings data. Appendix Table 3 contains evidence presented at 1963 Equal Pay Senate Hearings. The original data and the values adjusted for inflation are contained in one file:
   Appendix Table 3 Replication Data.xlsx

   Source: See notes to Appendix Table 3.

8. Occupational Wage Survey data. Appendix Table 4 reports results from the Occupational Wage Survey. These data were entered by hand into one file:
   OWS_Data.xlsx

   Source: See notes to Appendix Table 4.

Computational requirements

All results can be replicated with Stata (version 17.0). All analyses were run on a Windows workstation with 128 GB of RAM, an Intel Xeon Platinum 8375C 2.9 GHz CPU, and 750 GB of disk space. Random seeds are set at various places throughout the code.

Description of code

All programs are referenced in master.do. Replicators should update line 13 of master.do to indicate the location of the replication package and ensure that the folders referenced in lines 15-18 exist. After this is done, all files can be executed by running master.do