README for the Reproducibility Package for

Plant Closings and the Labor Market Outcomes of Displaced Workers: Evidence from Mexico

This README note is also in the main do-file that reproduces all the results from the paper. The code has two parts.

- The first part builds the datasets taking as input the gross labor surveys from the Mexican National Institute of Statistics (INEGI). It runs 6 individual do-files that process gross files and merge them into the unified dataset used in the econometric analysis of part II.
- Part II runs 8 individual do-files with the statistical analysis and derives all the results of the paper. Next to each of the do-files is the description of the files containing the results.

The Stata packages *outreg2*, *parmest*, and *nsplit* are used by the code. These are included in the reproducibility package and loaded automatically in the main do-file.

Data availability statement

The paper uses the Mexican Labor Survey (ENOE) for the periods with special questionnaire, which are the following: 1Q/2005, 2Q/2005, 3Q/2005, 4Q/2005, 1Q/2006, 2Q/2006, 2Q/2007, 2Q/2008, 1Q/2009, 1Q/2010, 1Q/2011, 1Q/2012, 1Q/2013, 1Q/2014, 1Q/2015, 1Q/2016, 1Q/2017 and 1Q/2018.

For each quarter, the file contains 4 databases: Questionnaire 1, Questionnaire 2, Socio-demographics, Household members.

Data is public and included in the reproducibility package. Data can also be downloaded in https://www.inegi.org.mx/programas/enoe/15ymas/

Exhibit-output linkage

- **Table_1to3.do** produces *Stats_pc.smcl*, which contains Tables 1, 2 and 3

- **Table_4_5_Annex.do** produces:
  - Table 4: columns 1-4 of *regb_0518.xls*
  - Table A1: columns 5-7 of *regb_0518.xls*
  - Table A2: columns 9-11 of *regb_0518.xls*
  - Table 5: rows 5-12 of *reged_0518.xls*

- **Figure_1to9.do** produces:
  - Figure 1: column 1 of *regl_closing_ci.xls* (the plot is generated in Excel with a line plot. See tab "*G1 -3 closing lags*" in *Mexico+displaced+workers_230525.xlsx)*
  - Figure 2: column 2 of *regl_closing_ci.xls* (the plot is generated in Excel with a line plot. See tab "*G1 -3 closing lags*" in *Mexico+displaced+workers_230525.xlsx)*

- Figure 3: column 3 of *regl_closing_ci.xls* (the plot is generated in Excel with a line plot. See tab "*G1 -3 closing lags*" in *Mexico+displaced+workers_230525.xlsx)*
- Figure 4: column 1 of *regl_quit_ci.xls* (the plot is generated in Excel with a line plot. See tab "*G4 -6 Quit lags*" in *Mexico+displaced+workers_230525.xlsx)*
- Figure 5: column 2 of *regl_quit_ci.xls* (the plot is generated in Excel with a line plot. See tab "*G4 -6 Quit lags*" in *Mexico+displaced+workers_230525.xlsx)*
- Figure 6: column 3 of *regl_quit_ci.xls* (the plot is generated in Excel with a line plot. See tab "*G4 -6 Quit lags*" in *Mexico+displaced+workers_230525.xlsx)*
- Figure 7: column 1 of *regl_cob_ci.xls* (the plot is generated in Excel with a line plot. See tab "*G4 -6 Cob lags*" in *Mexico+displaced+workers_230525.xlsx)*
- Figure 8: column 2 of *regl_cob_ci.xls* (the plot is generated in Excel with a line plot. See tab "*G4 -6 Cob lags*" in *Mexico+displaced+workers_230525.xlsx)*
- Figure 9: column 3 of *regl_cob_ci.xls* (the plot is generated in Excel with a line plot. See tab "*G4 -6 Cob lags*" in *Mexico+displaced+workers_230525.xlsx)*

- **Figure_10to14.do** generates:
  - Figure 11: columns 3 and 4 of *regl_het_ci.xls* (the plot is generated in Excel with a line plot. See tab "*G7 -8 Gender lags*" in *Mexico+displaced+workers_230525.xlsx)*
  - Figure 12: columns 5 and 6 of *regl_het_ci.xls* (the plot is generated in Excel with a line plot. See tab "*G7 -8 Gender lags*" in *Mexico+displaced+workers_230525.xlsx)*
  - Figure 13: columns 8 and 8 of *regl_het_ci.xls* (the plot is generated in Excel with a line plot. See tab "*G7 -8 Gender lags*" in *Mexico+displaced+workers_230525.xlsx)*
  - Figure 14: columns 1 and 2 of *regl_het_ci.xls* (the plot is generated in Excel with a line plot. See tab "*G7 -8 Gender lags*" in *Mexico+displaced+workers_230525.xlsx)*

- **Weibull_Table6_7_Fig15_16.do:**
  - Figure 15a: *weibull_male.png*
  - Figure 15b: *weibull_female.gph*
  - Figure 16a: *weibull_primary.png*
  - Figure 16b: *weibull_tertiary.png*
  - Table 6: rows 15-24 of *weibull_coef.xls* and rows 17-26 of *weibull_hr.xls*
  - Table 7: rows 15-16, 19-24, 137-138 of *weibull_coef.xls* and rows 17-18, 21-26, 141-142 of *weibull_hr.xls*

- **Table_8.do:**
  - Table 8: row "closing" and columns 1-15 of DID_t8.xls

- **Figure_17.do:**
  - Figure 17: Columns B, G, and H of *fe_industry.xls*. The figure is generated in Excel as an interval plot (see tab "*G17 Industry fixed effects*" in *Mexico+displaced+workers_230525.xlsx).*

Figure 10 and 11 in page 20 are generated manually in Excel with descriptive statistics on unemployment (see tabs "*G10. Unemployment by education*" and "*G11 unemp. by gender*" in

Mexico+displaced+workers_230525.xlsx). The data for these plots is available in https://www.inegi.org.mx/app/indicadores/?tm=0&ind=454808#D454808 .