



Labor Market Scarring in a Developing Economy: Stigma versus Lost Human Capital from Plant Closings in Mexico

Second Submission: RR_MEX_2025_353

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This review verifies the reproducibility of the exhibits included in the paper “*Labor Market Scarring in a Developing Economy: Stigma versus Lost Human Capital from Plant Closings in Mexico*”.

Contents in this review:

1. Main findings
2. List of exhibits and reproducibility status
3. Reproduction Environment

Main findings

- **Every exhibit has been reproduced accurately.**
- The code was successfully executed on a new computer after:
 1. Updating the global file paths in the main do-file.
- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively yielded identical results.
- The code takes approximately 10 hours to run.
- We conducted our reproducibility analysis based on the paper shared by the authors by email on June 5th, 2025.
- **Reproducibility Summary:**
 - **Data:** All data sources are publicly available and included in the reproducibility package.
 - **Code:** All code files (from cleaning to analysis) are included in the reproducibility package.
 - **Outputs:** All outputs are generated by code included in the reproducibility package.
 - **Reproducibility verification:** Reviewers had access to the same materials in the public reproducibility package. The reviewers did not verify if publicly available data matches the data in the reproducibility package.
 - **Dependencies environment:** The reviewers created a new environment using the latest versions of dependencies available at the moment of the review.

List of exhibits and reproducibility status

Results in the Main Section of the Paper

- **Table 1** Reproduced
- **Table 2** Reproduced
- **Table 3** Reproduced
- **Table 4** Reproduced
- **Figure 1** Reproduced
- **Figure 2** Reproduced
- **Figure 3** Reproduced
- **Figure 4** Reproduced
- **Figure 5** Reproduced
- **Figure 6** Reproduced
- **Figure 7** Reproduced
- **Figure 8** Reproduced
- **Figure 9** Reproduced
- **Figure 10** Reproduced
- **Figure 11** Reproduced
- **Table 5** Reproduced
- **Figure 12** Reproduced
- **Figure 13** Reproduced
- **Figure 14** Reproduced
- **Figure 15** Reproduced
- **Table 6** Reproduced
- **Figure 16** Reproduced
- **Table 7** Reproduced

Results in the Annex

- **Table A1** Reproduced
- **Table A2** Reproduced

- **Table A3** Reproduced
- **Table A4** Reproduced
- **Table A5** Reproduced

Reproduction Environment

Paper exhibits were reproduced on a computer with the following specifications:

- OS: Windows 10 Enterprise, version 22H2
- Processor: Intel(R) Xeon(R) Gold 6226R CPU @ 2.90GHz 2.91 GHz (2 processors)
- Memory available: 128 GB
- Software version: Stata 18.0 MP