



Leveraging Trade for More and Better Jobs

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This review verifies the reproducibility of the exhibits included in the paper “*Leveraging Trade for More and Better Jobs*”.

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Main findings

- The code was successfully executed on a new computer after:
 1. Changing the file paths and running the two do files in the specified order in the README file.
- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively yielded identical results.
- The code takes approximately one hour to run.
- We conducted our reproducibility analysis based on the report shared by the authors by email on August 1st.
- Every exhibit has been reproduced accurately.
- **Reproducibility Summary:**
 - **Data:** All data sources are publicly available, but not all are included in the reproducibility package. However, the replicators used data provided directly by the authors and did not verify if the publicly available data matches the data provided by the authors.
 - **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 used data provided directly by the authors to conduct the reproducibility verification, and not all are included in the public reproducibility package. The reviewers did not verify if publicly available data matches the data provided by the authors.
 - **Dependencies environment:** The reviewers created a new environment for dependencies using the latest versions available for each dependency at the moment of the review.

List of exhibits and reproducibility status

Results in the Main Section of the Paper

- **Figure 1** Reproduced. The format is slightly different, but this does not jeopardize reproducibility.
- **Figure 2** Reproduced, but requires manual changes. The Excel produced by the code needs to be copied and pasted into the figure in the Excel plots folder to replicate the results. The format is slightly different because the final versions in the report were further refined for a more polished design. This does not jeopardize reproducibility, as the underlying data is exactly the same, and the Excel figures match in numbers to their counterparts in the report. This is the same case for all the figures colored as lime green.
- **Figure 3** Reproduced, but requires manual changes.
- **Figure 4** Reproduced, but requires manual changes.
- **Figure 5** Reproduced, but requires manual changes.
- **Figure 6** Reproduced. The colors are slightly different, but this does not jeopardize reproducibility.
- **Figure 7** Reproduced, but requires manual changes.
- **Figure 8** Reproduced, but requires manual changes.
- **Figure 9** Reproduced. The format is slightly different, but this does not jeopardize reproducibility.
- **Figure 10** Reproduced. The format is slightly different, but this does not jeopardize reproducibility.

Reproduction Environment

- Paper exhibits were reproduced on a computer with the following specifications:
 - OS: Windows 10 Enterprise
 - Processor: Intel(R) Xeon(R) Gold 6226R CPU @ 2.90GHz, 2900 Mhz, 16 Core(s), 16 Logical Processor(s)
 - Memory available: 147 GB
 - Software version: Stata version 18MP