Reproducible Research Repository

Linking Export Activities to Productivity and Wage Rate Growth

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This review verifies the reproducibility of the exhibits included in the paper *"Linking Export Activities to Productivity and Wage Rate Growth"*.

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Main findings

- The code was successfully executed on a new computer after:

  1. Changing the file paths.

- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively yielded identical results.

- The code takes approximately 20 minutes to run.

- We conducted our reproducibility analysis based on the paper shared by the authors in their reproducibility package.

- Every exhibits have been accurately reproduced.

- **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.

List of exhibits and reproducibility status

Results in the Main Section of the Paper

- **Figure 1** Reproduced Manual adjustments are necessary. It is required to manually copy and paste the values from the Excel file generated by the code into the Excel file used for creating the plots. This process is detailed in the README file. The scales in the Excel that produces the plots are different, but this does not jeopardize reproducibility.

- **Table 1** Reproduced

- **Figure 2** Reproduced

- **Table 2** Reproduced

- **Figure 3** Reproduced

- **Figure 4** Reproduced Manual adjustments are necessary. It is required to manually copy and paste the values from the Excel file generated by the code into the Excel file used for creating the plots. This process is detailed in the README file.

- **Figure 5** Reproduced Copying and pasting is necessary to produce the figure, but the code produces the results.

- **Figure 6** Reproduced Copying and pasting is necessary to produce the figure, but the code produces the results.

- **Figure 7** Does not show analysis results

- **Figure 8** Reproduced Copying and pasting is necessary to produce the figure, but the code produces the results.

- **Table 3** Reproduced

- **Figure 9** Reproduced Copying and pasting is necessary to produce the figure, but the code produces the results.

- **Figure 10** Reproduced Copying and pasting is necessary to produce the figure, but the code produces the results.

- **Figure 11** Reproduced Copying and pasting is necessary to produce the figure, but the code produces the results.

Results in the Annex

- **Appendix 1** Does not show analysis results

- **Appendix 2** Does not show analysis results

- **Appendix 3** Does not show analysis results

- **Appendix 4** Does not show analysis results

- **Appendix 5** Reproduced

- **Appendix 6** Reproduced

- **Appendix 7** Reproduced

- **Appendix 8** Reproduced

- **Appendix 9** Reproduced

- **Appendix 10** Reproduced

- **Appendix 11** Reproduced

- **Appendix 12** Reproduced

- **Appendix 13** Reproduced

- **Appendix 14** Reproduced

- **Appendix 15** Reproduced

- **Appendix 16** Reproduced

- **Appendix 17** Reproduced

- **Appendix 18** Reproduced

Reproduction Environment

- Paper exhibits were reproduced in a computer with the following specifications:

  - OS: Windows 10 Enterprise
  - Processor: Intel(R) Xeon(R) Gold 6226R CPU @ 2.90GHz, 2900 Mhz, 4 Core(s), 4 Logical Processor(s)
  - Memory available: 16.7 GB
  - Software version: Stata version 18