Trade Effects of Industrial Policies: Are Preferential Agreements a Shield

First Submission: RR_EAP_2024_161
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August 12th, 2024

This review verifies the reproducibility of the exhibits included in the paper " *Trade Effects of Industrial Policies: Are Preferential Agreements a Shield*".

Contents in this review:

1. Main findings

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Main findings

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

  1. Changing the file paths in the main R script and do-file.

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

- The code takes approximately 15 Hours to run.

- We conducted our reproducibility analysis based on the paper available in this link, downloaded on July 02, 2024: https://documents.worldbank.org/en/publication/documents-reports/documentdetail/099310406172411550/idu154197ea11b0ca145c81a7371f9425c7549d7

- All exhibits reproduced as shown in the paper.

- **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 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.

- **Figure 2** Reproduced.

- **Figure 3** Reproduced.

  Results in the Annex

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

- **Figure 5** Reproduced.

- **Figure 6** Reproduced.

- **Figure 7A** Reproduced.

- **Figure 7B** Reproduced.

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

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

- **Table 3** Reproduced.

- **Table 4** Reproduced.

- **Table 5** Reproduced.

- **Table 6** Reproduced.

- **Table 7** Reproduced.

- **Table 8** Reproduced.

Reproduction Environment

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

  - OS: Windows 11 Enterprise

  - Processor: Intel(R) Core(TM) i5-1145G7 CPU @ 2.60GHz

  - Memory available: 15.7 GB

  - Software version: R 4.3.0; Stata version 18 MP