



Bilateral Import Demand Elasticities And Balanced Trade Protection

First Submission: RR_WLD_2026_714

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September 1, 2026

This review verifies the reproducibility of the exhibits included in the paper "*Bilateral Import Demand Elasticities And Balanced Trade Protection*".

Contents in this review:

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

Main findings

- **Every exhibit in the main section of the paper and in the appendix were reproduced accurately**
- The code was successfully executed on a new computer after:
 1. Updating the working directory in line 8 of the do-file "Prepare tables and figures.do", and running it.
- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively yielded identical results.
- The code takes approximately 5 minutes to run.
- We conducted our reproducibility analysis based on the paper shared by the authors in the reproducibility package.
- **Verification Process and Data Handling:**
 - The reproducibility package relies on one type of data: forthcoming data.
 - Reviewers used forthcoming data provided directly by the authors to conduct the reproducibility verification, and this is not included in the public reproducibility package. The data is forthcoming on the World Bank Development Data Hub.
 - *data_hash_report.csv* lists the SHA256 hashes of all files in the Data folder to support data integrity checks. Users who acquire restricted data can use this file to verify that the data has not been altered.
- **Reproducibility Summary:**
 - **Data:** All data is temporarily embargoed by the authors (expected to be made public in the future).

- **Code:** Some code files are temporarily embargoed by the authors (expected to be made public in this repository in the future).
- **Outputs:** All outputs are generated by code included 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 - Panel A Reproduced.** Verified against sheet Table_1_Panel_A of Tables.xlsx.
- **Table 1 - Panel B Reproduced.** Verified against sheet Table_1_Panel_B of Tables.xlsx.
- **Table 2 Reproduced.** Verified against sheet Table_2 of Tables.xlsx.
- **Table 3 Reproduced.** Verified against sheet Table_3 of Tables.xlsx.

Results in the Annex

- **Figure A1 Reproduced.** Verified against Figure_A_1.png.
- **Figure A2a Reproduced.** Verified against Figure_A_2A.pdf.
- **Figure A2b Reproduced.** Verified against Figure_A_2B.pdf.
- **Figure A3 Reproduced.** Verified against Figure_A_3.pdf.
- **Figure A4 Reproduced.** Verified against Figure_A_4.pdf.
- **Table A1 Reproduced.** Verified against sheet Table_A.1 of Tables.xlsx.

Reproduction Environment

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

- OS: Windows 11 Enterprise
- Processor: Intel(R) Xeon(R) Gold 6226R CPU @ 2.90GHz
- Memory available: 32.0 GB
- Software version: Stata MP 19.5