



## *The Trade-Growth Nexus: Evidence of Causality from Innovative Instruments for Trade*

*Second Submission: RR\_WLD\_2023\_56-v02*

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This review verifies the reproducibility of the exhibits included in the paper “*The Trade-Growth Nexus: Evidence of Causality from Innovative Instruments for Trade*”.

### **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 working directory in line 9 of do-file *Maindofile.do*
  2. Specifying the legend position for Figure A4 by adding the option `legend(position(6))` to line 130 of do-file *Maindofile.do*
- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively yielded identical results.
- The code takes approximately 40 minutes to run.
- We conducted our reproducibility analysis based on the paper shared by the authors by email on March 21.
- Every exhibit has been reproduced accurately.
- **Reproducibility Summary:**
  - **Data:** All data sources are publicly available but not all are included in the package.
  - **Code:** All code files, from cleaning to analysis, are included in the package.
  - **Outputs:** All outputs are generated by code included in the reproducibility package.
  - **Reproducibility verification:** Not all of the data used to conduct this verification is included in the public package.

*List of exhibits and reproducibility status*

**Results in the Main Section of the Paper**

- **Figure 1 - Panel A** Reproduced
- **Figure 1 - Panel B** Reproduced
- **Table 1** Does not apply: the exhibit does not show analysis results
- **Figure 2 - Panel A** Reproduced
- **Figure 2 - Panel B** Reproduced
- **Table 2** Reproduced
- **Table 3** Reproduced
- **Table 4** Reproduced

**Results in the Appendix**

- **Figure A1** Reproduced
- **Figure A2** Reproduced
- **Figure A3** Reproduced
- **Figure A4** Reproduced
- **Table A1** Reproduced
- **Table A2** Reproduced
- **Table A3** Reproduced
- **Table A4** Does not apply: the exhibit does not show analysis results
- **Table A5** Reproduced
- **Table A6** Reproduced
- **Table A7** Reproduced
- **Table A8 - Upper panel** Reproduced
- **Table A8 - Lower panel** Reproduced
- **Table A9** Reproduced
- **Table A10** Reproduced
- **Table A11** Reproduced
- **Table A12** Reproduced
- **Table A13** Reproduced
- **Table A14** Reproduced
- **Table A15** 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: Stata version 17