



Export-Led Industrial Policy for Developing Countries: Is There a Way to Pick Winners?

First Submission: RR_WLD_2025_264

Marina Visintini

reproducibility@worldbank.org

February 5, 2025

This review verifies the reproducibility of the exhibits included in the paper “*Export-Led Industrial Policy for Developing Countries: Is There a Way to Pick Winners?*”.

Contents in this review:

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

Main findings

- The code was successfully executed on a new computer after:
 1. Changing directory paths in `RCA_calculation.do`, `figure_1.do` and `figure_2.do`
- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively yielded identical results.
- The code takes approximately 2 hours to run.
- We conducted our reproducibility analysis based on the paper shared by the authors by mail on January 10.
- Every exhibit has been reproduced accurately.
- **Reproducibility Summary:**
 - **Data:** All data sources are publicly available and all are 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**. The corresponding output is global_demand_growth.png
- **Figure 2** **Reproduced**. The corresponding output is figure1.png

Reproduction Environment

- Paper exhibits were reproduced in a computer with the following specifications:
 - OS: Windows 10 Enterprise 22H2
 - Processor: Intel(R) Xeon(R) CPU E7- 4860 @ 2.27GHz 2.26 GHz (2 processors)
 - Memory available: 16 GB
 - Software version: Stata 18.0 MP