



## *Nickel, Steel and Cars: Export Ban and Domestic Value-Added in Indonesia*

*Seventh Submission: RR\_IDN\_2025\_421*

*Luis Eduardo San Martin*  
*reproducibility@worldbank.org*

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This review verifies the reproducibility of the exhibits included in the paper “*Nickel, Steel and Cars: Export Ban and Domestic Value-Added in Indonesia*”.

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### *Main findings*

- **Every exhibit has been reproduced accurately.**
- The code was successfully executed on a new computer after:
  1. Changing the directory global in *main.do*
- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively yielded identical results.
- The code takes approximately 10 minutes to run.
- We conducted our reproducibility analysis based on the paper shared by the authors by email on September 10, 2025.
- **Verification Process and Data Handling:**
  - The reproducibility package relies on 2 types of data: open and restricted data (available only from the authors).
  - Open data are included in the reproducibility package.
  - Reviewers used restricted data provided directly by the authors to conduct the reproducibility verification, and this is not included in the public reproducibility package.
  - *data\_hash\_report.csv* lists the SHA256 hashes of all files in the Data folder to support data integrity checks. Users who acquire the restricted data can use this file to verify that the data has not been altered.
- **Reproducibility Summary:**
  - **Data:** All data is restricted and has not been included in the reproducibility package. For more details, please refer to the README file.

- **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.
- **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**

- **Figure 1** **Reproduced** The exhibit was compared against *figure1.png*.
- **Figure 2** **Does not apply** The exhibit does not show analysis results.
- **Table 1** **Reproduced** The exhibit was compared against *theta.xls*.
- **Table 2** **Reproduced** The exhibit was compared against *theta\_byind.xls*.
- **Figure 3** **Reproduced** The exhibit was compared against *DVAR\_ind.png*.
- **Figure 4** **Reproduced** The exhibit was compared against *DVAR\_country.png*.
- **Figure 5** **Reproduced** The exhibit was compared against *figure5.png*.
- **Figure 6** **Reproduced** The exhibit was compared against *Size\_Regression\_Interaction.png*.
- **Figure 7** **Reproduced** The exhibit was compared against *figure7.png*.
- **Figure 8** **Reproduced** The exhibit was compared against *figure8.png*.
- **Figure 9** **Reproduced** The exhibit was compared against *figure9.png*.
- **Figure 10** **Does not apply** The exhibit does not show analysis results.

### *Reproduction Environment*

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

- OS: Windows 11 Enterprise, version 23H3
- Processor: Intel(R) Xeon(R) Platinum 8562Y+ 2.80 GHz (2 processors)
- Memory available: 64 GB
- Software version: Stata 18.5 MP-Parallel Edition