



Carbon Border Adjustment Mechanism (CBAM) Exposure Indices – Methodological Note

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This review verifies the reproducibility of the exhibits included in the paper “Carbon Border Adjustment Mechanism (CBAM) Exposure Indices – Methodological Note”.

Contents in this review:

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Main findings

- **Every exhibit has been reproduced accurately.**
- The code was successfully executed on a new computer after:
 1. Updating the working directory.
- 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 package.
- The reproducibility verification was conducted using data provided directly by the authors, including some limited-access or restricted datasets that are not included in the public reproducibility package. Reviewers verified the publicly available versions of these datasets and found that they differ slightly due to periodic updates to the underlying databases.
- **Reproducibility Summary:**
 - **Data:** Some 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.
 - **Reproducibility verification:** Reviewers used data provided directly by the authors to conduct the reproducibility verification, and this is not included in the public reproducibility package. The reviewers verified that publicly available data matches the data provided by the authors.
 - **Dependencies environment:** The reproducibility package does not use external dependencies.

*List of exhibits and reproducibility status***Results in the Main Section of the Paper**

- **Figure 1** **Reproduced**. The figure was create din Excel using data exported from code.
- **Figure 2** **Reproduced**. The figure was create din Excel using data exported from code.
- **Figure 3** **Reproduced**. The figure was create din Excel using data exported from code.
- **Figure 4** **Reproduced**. The figure was create din Excel using data exported from code.

Reproduction Environment

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

- OS: Windows 10 Enterprise
- Processor: Intel(R) Xeon(R) Gold 6226R CPU @ 2.90GHz 2.90 GHz (2 processors)
- Memory available: 32.0 GB
- Software version: Stata 18.0 MP