



## *Firms' Preferences For Emission Reduction Policies And Measures: A Quantitative Analysis For India*

*First Submission: RR\_IND\_2026\_720*

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This review verifies the reproducibility of the exhibits included in the paper "*Firms' Preferences For Emission Reduction Policies And Measures: A Quantitative Analysis For India*".

### **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 9 of the do-file "Command do file.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 20 minutes to run.
- We conducted our reproducibility analysis based on the paper shared by the authors by email on September 26.
- **Verification Process and Data Handling:**
  - The reproducibility package relies on two type of data: restricted data and limited-access data.
  - Reviewers used forthcoming/accessible/restricted 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 Microdata Library.
  - *data\_hash\_report.csv* lists the SHA256 hashes of all files in the Data folder to support data integrity checks. Users who acquire the forthcoming/accessible/limited-access/restricted data can use this file to verify that the data has not been altered.
- **Reproducibility Summary:**
  - **Data:** All data is restricted/limited-access and has not been included in the reproducibility package. For more details, refer to the README file.

- **Code:** All code files are included in the reproducibility package but operate from intermediate data, not raw data.
- **Outputs:** Some outputs are not generated by code (created manually in Excel) but instructions for producing these outputs are included in the README file.
- **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 1a Reproduced.** Verified against sheet Fig. 1(a)&(b)\_Q10 of Excel file All figures-Data for Detail Descriptive Analysisxlsx.xlsx.
- **Figure 1b Reproduced.** Verified against sheet Fig. 1(a)&(b)\_Q10 of Excel file All figures-Data for Detail Descriptive Analysisxlsx.xlsx.
- **Figure 2a Reproduced.** Verified against sheet Fig. 2(a)&(b)\_Q12 of Excel file All figures-Data for Detail Descriptive Analysisxlsx.xlsx.
- **Figure 2b Reproduced.** Verified against sheet Fig. 2(a)&(b)\_Q12 of Excel file All figures-Data for Detail Descriptive Analysisxlsx.xlsx.
- **Figure 3a Reproduced.** Verified against sheet Fig. 3(a)&(b)\_Q11 of Excel file All figures-Data for Detail Descriptive Analysisxlsx.xlsx.
- **Figure 3b Reproduced.** Verified against sheet Fig. 3(a)&(b)\_Q11 of Excel file All figures-Data for Detail Descriptive Analysisxlsx.xlsx.
- **Figure 4 Reproduced.** Verified against sheet Fig. 4\_Q15 of Excel file All figures-Data for Detail Descriptive Analysisxlsx.xlsx.
- **Figure 5 Reproduced.** Verified against sheet Fig. 5\_Q13 of Excel file All figures-Data for Detail Descriptive Analysisxlsx.xlsx.
- **Figure 6a Reproduced.** Verified against sheet Fig. 6(a)&(b)\_Q14 of Excel file All figures-Data for Detail Descriptive Analysisxlsx.xlsx.
- **Figure 6b Reproduced.** Verified against sheet Fig. 6(a)&(b)\_Q14 of Excel file All figures-Data for Detail Descriptive Analysisxlsx.xlsx.
- **Figure 7a Reproduced.** Verified against sheet Fig. 7(a)&(b)\_Q16 of Excel file All figures-Data for Detail Descriptive Analysisxlsx.xlsx.
- **Figure 7b Reproduced.** Verified against sheet Fig. 7(a)&(b)\_Q16 of Excel file All figures-Data for Detail Descriptive Analysisxlsx.xlsx.
- **Figure 8 Reproduced.** Verified against sheet Fig. 8\_Q17 of Excel file All figures-Data for Detail Descriptive Analysisxlsx.xlsx.

- **Table 1** Does not show analysis results.
- **Table 2** **Reproduced**. Verified against Table 2.xlsx.
- **Table 3** Does not show analysis results.
- **Table 4** **Reproduced**. Verified against outputs/Table\_4.rtf. The Wald chi2 was obtained from the Stata results window.
- **Table 5** **Reproduced**. Verified against outputs/Table\_5.rtf. The Wald chi2 and R-squared were obtained from the Stata results window.

### Results in the Annex

- **Table B1** **Reproduced**. Verified against sheet Table B1 of Appendix tables.xlsx.
- **Table B2** **Reproduced**. Verified against sheet Table B2 of Appendix tables.xlsx.
- **Table B3** **Reproduced**. Verified against sheet Table B3 of Appendix tables.xlsx.
- **Table B4** **Reproduced**. Verified against sheet Table B4 of Appendix tables.xlsx.
- **Table B5** **Reproduced**. Verified against sheet Table B5 of Appendix tables.xlsx.
- **Table B6** **Reproduced**. Verified against sheet Table B6 of Appendix tables.xlsx.
- **Table B7** **Reproduced**. Verified against sheet Table B7 of Appendix tables.xlsx.
- **Table C1** **Reproduced**. Verified against outputs/Table\_C1.rtf.
- **Table C2** **Reproduced**. Verified against outputs/Table\_C2\_mvprobit\_main.rtf.

### *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 19.5 MP