



## *Attitudes Towards Reducing Fossil Fuel Subsidies: Evidence across 12 Middle-Income Countries*

RR\_MIC\_2024\_85-v03  
Luis Eduardo San Martin, Mahin Tariq  
reproducibility@worldbank.org  
March 05, 2024

This review verifies the reproducibility of the exhibits included in the paper “Attitudes Towards Reducing Fossil Fuel Subsidies: Evidence across 12 Middle-Income Countries”.

### **Contents in this review:**

1. Main findings
2. Reproducibility assessment
3. List of exhibits and reproducibility status

### *Main findings*

- The code was successfully executed on a new computer after changing the file paths updating the working directory and installing the packages `fplots`, `estout`, `coefplot`, `cibar`, `ietoolkit`, `egenmore`, `ereplace`, `renvars`, `grc1leg`, and `catcibar`
- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively on two computers yielded identical results.
- The code takes approximately 30 minutes to run.
- Every exhibit has been reproduced accurately.

### *Reproducibility assessment*

- Paper exhibits were attempted to be reproduced in two computers with the following specifications:
  - Computer 1:
    - \* OS: Windows 11 Enterprise
    - \* Processor: Intel(R) Core(TM) i5-1145G7 CPU @ 2.60GHz
    - \* Memory available: 15.7 GB
    - \* Software version: Stata version 17
  - Computer 2:
    - \* OS: Windows 10 Enterprise, version 21H2
    - \* Processor: Intel(R) Xeon(R) Gold 6226R CPU @ 2.9GHz
    - \* Memory available: 128 GB

\* Software version: Stata 18.0 MP

- We utilized the paper “*Attitudes Towards Reducing Fossil Fuel Subsidies: Evidence across 12 Middle-Income Countries*” shared by the team via email on March 04, 2024 to compare the code results with the exhibits in the paper and ascertain their reproducibility.
- All exhibits reproduced as shown in the paper.
- **Reproducibility Summary:**
  - **Data:** Some data is confidential and not included in the public reproducibility package (details provided in README).
  - **Code:** All code files (from cleaning to analysis) are included in the public reproducibility package except one package dependency that is World Bank internal only (details provided in the README).
  - **Outputs:** Some outputs are not generated by code and are created manually from secondary data sources, but instructions for producing these outputs are included in the README.
  - **Reproducibility verification:** Not all of the data and Stata package dependencies used to conduct this verification are included in the public reproducibility package.

### *List of exhibits and reproducibility status*

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

- **Table 1** Does not apply
- **Table 2** Does not apply
- **Table 3** Reproduced
- **Table 4** Reproduced
- **Table 5** Reproduced
- **Figure 1** Does not apply
- **Figure 2** Reproduced
- **Figure 3** Reproduced
- **Figure 4** Reproduced
- **Figure 5** Reproduced
- **Figure 6** Reproduced
- **Figure 7** Reproduced
- **Figure 8** Reproduced
- **Figure 9** Reproduced

- **Figure 10** Reproduced
- **Figure 11a** Reproduced
- **Figure 11b** Reproduced
- **Figure 12a** Reproduced
- **Figure 12b** Reproduced
- **Figure 13** Reproduced
- **Figure 14** Reproduced

**Results in the Annex**

- **Figure A1** Does not apply
- **Table A1** Reproduced
- **Figure A2** Does not apply
- **Figure A3** Reproduced
- **Figure A4** Reproduced
- **Table A2** Reproduced
- **Table C1** Reproduced
- **Table C2** Reproduced
- **Table C3** Reproduced
- **Table C4** Reproduced
- **Table C5** Reproduced
- **Table C6** Reproduced
- **Table C7** Reproduced
- **Table C8** Reproduced
- **Table C9** Reproduced
- **Table C10** Reproduced
- **Figure C1** Reproduced
- **Figure C2** Reproduced
- **Figure C3** Reproduced
- **Figure C4** Reproduced

- **Figure C5** Reproduced
- **Figure C6** Reproduced
- **Figure C7** Reproduced
- **Figure C9** Reproduced
- **Figure D1** Does not apply
- **Table D1** Reproduced
- **Table D2** Reproduced
- **Figure D2** Reproduced
- **Figure D3** Reproduced
- **Figure D4** Reproduced
- **Figure D5** Reproduced
- **Figure D6** Reproduced
- **Figure D7** Reproduced
- **Figure D8** Reproduced
- **Figure D9** Reproduced
- **Figure D10-1** Reproduced
- **Figure D10-2** Reproduced
- **Figure D10-3** Reproduced
- **Figure D10-4** Reproduced