



The role of credible mitigation measures in building citizen trust for subsidy reforms: Lessons from Angola's Public Opinion Survey

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This review verifies the reproducibility of the exhibits included in the paper "*The role of credible mitigation measures in building citizen trust for subsidy reforms: Lessons from Angola's Public Opinion Survey*".

Contents in this review:

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Main findings

- **Every exhibit in the main paper has been reproduced accurately.**
- The code was successfully executed on a new computer after:
 1. Changing the path in the main script and run the code.
- The output demonstrates consistent stability across two runs. Specifically, executing the code two times consecutively yielded identical results.
- The code takes approximately 2 minutes to run.
- We conducted our reproducibility analysis based on the paper shared by the authors by email on October 9th.
- **Verification Process and Data Handling:**
 - The reproducibility package relies on 2 types of data: open and limited-access data.
 - Open data is included in the public reproducibility package.
 - Reviewers verified that the limited-access data matches what was provided by the authors; results of this verification are documented in the file *comparison_report.csv*.
 - *data_hash_report.csv* lists the SHA256 hashes of all files in the Data folder to support data integrity checks.
- **Reproducibility Summary:**
 - **Data:** All data sources are publicly available and 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.
- **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

The code produces the Excel RPM.xlsx and then the authors manually created the figures in Excel.

- **Table 1** Reproduced with manual changes.
- **Figure 1A** Reproduced with manual changes.
- **Figure 1B** Reproduced with manual changes.
- **Figure 2** Reproduced with manual changes.
- **Figure 3** Reproduced with manual changes.
- **Figure 4A** Reproduced with manual changes.
- **Figure 4B** Reproduced with manual changes.
- **Figure 5** Reproduced with manual changes.
- **Figure 6A** Reproduced with manual changes.
- **Figure 6B** Reproduced with manual changes.
- **Figure 7** Reproduced with manual changes.
- **Figure 8** Reproduced with manual changes.

Results in the Annex

There is no annex included in the paper.

Reproduction Environment

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

- OS: Windows 11 Enterprise
- Processor: Intel(R) Core(TM) i3-1115G4 CPU @ 3.00GHz
- Memory available: 7.7 GB
- Software version: Stata 18.5 MP