Reproducible Research Repository

Implementing 30x30 Lessons from Country Case Studies

Second Submission: RR_WLD_2025_277
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This review verifies the reproducibility of the exhibits included in the paper " *Implementing 30x30 Lessons from Country Case Studies*".

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Main findings

- The code was successfully executed on a new computer after:

  1. Open the Rproject.
  2. Open the main script.
  3. Change the Stata path and run the main R script.

- 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 sent by the authors on March 12th.

- Every has been reproduced accurately.

- **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 did not verify if publicly available data matches the data provided by the authors.

  - **Dependencies environment**: The reviewers created a new environment for dependencies using the latest versions available for each dependency at the moment of the review.

List of exhibits and reproducibility status

Results in the Main Section of the Paper

- **Figure 1** Reproduced.

- **Table 1** Reproduced.

- **Figure 2** Does not show analysis results.

- **Figure 3** Reproduced.

- **Figure 4** Reproduced.

- **Figure 5** Does not show analysis results.

- **Figure 6** Reproduced.

- **Figure 7** Reproduced.

- **Figure 8** Reproduced.

- **Figure 9** Does not show analysis results.

- **Figure 10** Reproduced.

- **Table 2** Reproduced.

- **Table 3** Reproduced.

- **Figure 11** Reproduced.

- **Table 4** Reproduced.

- **Table 5** Reproduced.

- **Figure 12** Reproduced.

- **Figure 13** Reproduced.

- **Figure 14** Reproduced.

- **Figure 15** Reproduced.

- **Figure 16** Reproduced.

- **Figure 17** Reproduced.

- **Figure 18** Reproduced.

- **Figure 19** Reproduced.

- **Table 6** Reproduced.

- **Figure 20** Reproduced.

- **Figure 21** Reproduced.

- **Figure 21** Reproduced.

- **Figure 22** Reproduced.

- **Figure 23** Reproduced.

Reproduction Environment

Paper exhibits were reproduced in a computer 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 18 MP

- Computer 2:

    - OS: Windows 11 Home, version 24H2

    - Processor: 11th Gen Intel(R) Core(TM) i5-1135G7 @ 2.40GHz 2.42 GHz

    - Memory available: 8.00 GB

    - Software version: Stata 18.0 BE, R version 4.4.3