



Individual Demand for Building State Effectiveness

Second Submission: RR_WLD_2025_431

Anya Pilipentseva, Luis Eduardo San Martin

reproducibility@worldbank.org

September 26, 2025

This review verifies the reproducibility of the exhibits included in the paper “*Individual Demand for Building State Effectiveness*”.

Contents in this review:

1. Main findings
2. List of exhibits and reproducibility status
3. Reproduction Environment

Main findings

- **Every exhibit has been reproduced accurately.**
- The code was successfully executed on a new computer after:
 1. Modifying the home directory in *main.do*
- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively yielded identical results.
- The code takes approximately 1 hour to run.
- We conducted our reproducibility analysis based on the paper shared by the authors via OneDrive On September 17, 2025.
- **Verification Process and Data Handling:**
 - The reproducibility package relies on 1 type of data: forthcoming (to be made available in the future).
 - Reviewers forthcoming data provided directly by the authors to conduct the reproducibility verification, and this is not included in the public reproducibility package. The data is to be published 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 temporarily embargoed by the authors (expected to be made public in the future).

- **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

- **Figure 1 Reproduced.** The exhibit was compared against *invdemand_combined_plotplainblind.png*.
- **Figure 2 Reproduced.** The exhibit was compared against *emphasis_combined.png*.
- **Table 1 Reproduced.** The exhibit was compared against *treatment_effects_T1.tex*.
- **Table 2 Reproduced.** The exhibit was compared against *video_effects_T2.tex*.

Results in the Annex

- **Figure A2 Reproduced.** The exhibit was compared against *wtp_controls.png*.
- **Figure A3 Reproduced.** The exhibit was compared against *phone_invdemand_combined_plotplainblind.png*.
- **Figure A4 Reproduced.** The exhibit was compared against *wtp_saturation_lag.png*.
- **Table A2 Reproduced.** The exhibit was compared against *management_styles_table.tex*.
- **Table A3 Reproduced.** The exhibit was compared against *table_a2.tex*.
- **Figure A5 Reproduced.** The exhibit was compared against *work_length_combined.png*.
- **Table A4 Reproduced.** The exhibit was compared against *treatment_balance_ph.tex*.
- **Table A5 Reproduced.** The exhibit was compared against *enabling_senior_balance.tex* and *enabling_senior_balance_ph.tex*.
- **Table A6 Reproduced.** The exhibit was compared against *treatment_effectsPAP.tex*.
- **Table A7 Reproduced.** The exhibit was compared against *video_effects_lasso.tex*.
- **Table A8 Reproduced.** The exhibit was compared against *video_effects_full.tex*.
- **Table A9 Reproduced.** The exhibit was compared against *video_effects_positive_bids.tex*.
- **Table A10 Reproduced.** The exhibit was compared against *video_effects_bench.tex*.
- **Table A11 Reproduced.** The exhibit was compared against *audio_effects_promotion.tex*.

Reproduction Environment

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

- OS: Windows 11 Enterprise, version 24H2
- Processor: Intel(R) Core(TM) Ultra 7 165U (2.10 GHz)
- Memory available: 32 GB
- Software version: Stata 18.5 MP-Parallel Edition