



Do Patients Value High-Quality Medical Care? Experimental Evidence from Malaria Diagnosis and Treatment

Package ID: RR_MLI_2023_69-v01

Temidayo Falade, María Reyes Retana

reproducibility@worldbank.org

January 15th, 2024

This review verifies the exhibits' reproducibility in the paper "Do Patients Value High-Quality Medical Care? Experimental Evidence from Malaria Diagnosis and Treatment".

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:
 1. Changing the file path in the main do file.
- The output appears to be stable across multiple runs. In particular, the code produced identical results after two consecutive runs.
- The full code takes approximately 45 minutes to run.
- Every exhibit has been reproduced accurately by the provided package.

Reproducibility assessment

- Paper exhibits were attempted to be reproduced in a computer with the following specifications:
 - OS: Windows 10 Enterprise
 - Processor: Intel(R) Xeon(R) Gold 6226R CPU @ 2.90GHz, 2900 Mhz, 8 Core(s)
 - Memory available: 108 GB
 - Software version: Stata 17 (version 14.2 in the code)
- Our reproducibility analysis was conducted based on the paper included in the reproducibility package the authors shared. The validation process involved comparing the code-generated results with the paper's exhibits to assess consistency.

*List of exhibits and reproducibility status***Results in the Main Section of the Paper**

- **Table 1** Reproduced.
- **Table 2** Reproduced.
- **Table 3** Reproduced.
- **Table 4** Reproduced.
- **Table 5** Reproduced.
- **Table 6** Reproduced.
- **Figure 1** Reproduced.
- **Figure 2** Does not apply.
- **Figure 3** Reproduced with small differences. Comparing both graphs from reproducible output and paper, shows they are identical. However, there is a minor disparity in the labeling. The bar graph in the reproduced output has a labeling of 'No' and 'Yes', while the bar graph in the paper output is labeled as 'basic training' and 'extended training'
- **Figure 4** Reproduced.
- **Figure 5** Reproduced.
- **Figure 6** Reproduced.

**Results in the Appendix
A: Additional Results**

- **Table A1** Reproduced.
- **Table A2** Reproduced.
- **Table A3** Reproduced.
- **Table A4** Reproduced.
- **Table A5** Reproduced.
- **Table A6** Reproduced.
- **Table A7** Reproduced.
- **Table A8** Reproduced.
- **Table A9** Reproduced.
- **Table A10** Reproduced.

- **Figure A1** Reproduced.

B: Main Results Without Double-Lasso Selected Controls

- **Table B1** Reproduced.
- **Table B2** Reproduced.
- **Table B3** Reproduced.
- **Table B4** Reproduced.
- **Table B5** Reproduced
- **Table B6** Reproduced.