

Reconceptualizing Global Multidimensional Poverty Measurement, with Illustration on Nigerian Data Reproducibility Check Results (first submission)

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This review assesses the reproducibility of the code that creates the exhibits included in “*Reconceptualizing Global Multidimensional Poverty Measurement, with Illustration on Nigerian Data*”.

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Main findings

- The code ran in a new computer.
- The output files produced by the code were stable across three successive runs of the code.
- All the exhibits in the main section of the paper and in the appendix reproduced comparing the results generated by the code and the manuscript shared by the authors on their reproducibility package.

Reproducibility assessment

Paper exhibits produced with Stata code were attempted to be reproduced in a computer with the following specifications.

- OS: Microsoft Windows 10 Version 21H2
- Processor: Intel(R) Xeon(R) CPU E7-4890 v2 @ 2.80GHz, 2800 Mhz, 2 Core(s), 2 Logical Processor(s)
- Memory available: 15.8 GB
- Software version: Stata 17



List of exhibits and reproducibility status

Results in the Main Section of the Paper

- **Figure 1** Does not apply: the exhibit does not show code results
- **Figure 2 (a) and (b)** Does not apply: the exhibit does not show code results
- **Figure 3 (a), (b) and (c)** Does not apply: the exhibit does not show code results
- **Table 1** Does not apply: the exhibit does not show code results
- **Figure 4** Reproduced
- **Figure 5** Reproduced
- **Figure 6 (a) to (d)** Reproduced
- **Figure 7** Reproduced
- **Figure 8 (a) and (b)** Reproduced
- **Table 2** Reproduced
- **Table 3** Reproduced
- **Table 4** Reproduced
- **Figure 9** Reproduced
- **Figure 10 (a) and (b)** Reproduced
- **Table 5** Reproduced
- **Table 6** Reproduced

Results in the Appendix

- **Table A1** Does not apply: the exhibit does not show code results
- **Figure A1** Reproduced
- **Figure A2** Reproduced
- **Figure A3** Reproduced
- **Figure A4** Reproduced
- **Table A2** Reproduced
- **Figure A5 (a) and (b)** Reproduced
- **Figure A6 (a) and (b)** Reproduced
- **Table A3** Reproduced
- **Figure A7** Does not apply: the exhibit does not show code results