



Indigenous peoples, land and conflict in Mindanao, Philippines

First Submission

PRWP Reproducibility Verification

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November 30, 2023

This review verifies the reproducibility of the exhibits included in the paper “*Indigenous peoples, land and conflict in Mindanao, Philippines*”.

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Main findings

1. Paper exhibits were attempted to be reproduced in a computer with the following specifications:
 - OS: Windows 10 Enterprise, version 21H2
 - Processor: Intel(R) Xeon(R) CPU E7-4890 v2 @ 2.80GHz 2.80 GHz
 - Memory available: 5.9 GB
 - Software version: Stata 17
2. The code was successfully executed on a new computer after:
 - Changing the directory in the Main file.do.
3. The output generated by the code was stable across two successive runs.
4. The code takes less than 10 minutes to run.
5. The paper exhibits are fully reproducible. Seven figures were reproducible but required manual steps.

List of exhibits and reproducibility status

Results in the Main Section of the Paper

- **Figure 1** Does not apply.
- **Figure 2** Reproduced, but requires manual steps. The exhibit was compared against code output Figure2.png. The values matched, however, the final exhibit was generated in Excel, resulting in variations in formatting.

- **Figure 3** Reproduced, but requires manual steps. The exhibit was compared against three outputs: Code output Figure3.png, Code output Figure 3 in Results.doc, and Excel file Tables and figures PRWP NOV2023.xlsx. The values were cross-referenced with the graph that exported the frequency and the table for Figure 3 in the document, which included the percentages used in the final exhibit. Variable labels were validated using the Excel file. The values matched, however, the final exhibit was generated in Excel, resulting in variations in formatting.
- **Figure 4** Reproduced, but requires manual steps. The exhibit was compared against three outputs: Code output Figure4.png, Code output Figure 4 in Results.doc, and Excel file Tables and figures PRWP NOV2023.xlsx. The values were cross-referenced with the graph that exported the frequency and the table for Figure 3 in the document, which included the percentages used in the final exhibit. The values matched, however, the final exhibit was generated in Excel, resulting in variations in formatting.
- **Figure 5** Reproduced, but requires manual steps. The exhibit was compared against code output Figure5.png. The values matched, however, the final exhibit was generated in Excel, resulting in variations in formatting.
- **Figure 6** Reproduced, but requires manual steps. The exhibit was compared against code output Figure6.png. The values matched, however, the final exhibit was generated in Excel, resulting in variations in formatting.
- **Table 1** Reproduced. The exhibit was compared against Table 1 in Results.doc.
- **Figure 7** Reproduced. The exhibit was compared against code output Figure7.png.
- **Figure 8** Reproduced, but requires manual steps. The exhibit was compared against code outputs Land.png and Resource.png. The values matched, however, the final exhibit was generated in Excel, resulting in variations in formatting.
- **Figure 9** Reproduced, but requires manual steps. The exhibit was compared against code outputs Non-land.png, Non-resource.png, and Undermined.png. The values matched, however, the final exhibit was generated in Excel, resulting in variations in formatting.
- **Table 2** Reproduced. The exhibit was compared against columns 6 and 12 in results1.xls.
- **Table 3** Reproduced. The exhibit was compared against columns 6 and 12 in results6.xls.

Results in the Appendix

- **Table A1.1** Reproduced. The exhibit was compared against results1.xls.
- **Table A1.2** Reproduced. The exhibit was compared against results6.xls.