



Shaken, But Not Deterred: Acute Stressors And The Formation Of Hope And Aspirations Among Tertiary-Educated Youth In Myanmar In The Aftermath Of The 2025 Earthquake

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This review verifies the reproducibility of the exhibits included in the paper “*Shaken, But Not Deterred: Acute Stressors And The Formation Of Hope And Aspirations Among Tertiary-Educated Youth In Myanmar In The Aftermath Of The 2025 Earthquake*”.

Contents in this review:

1. Main findings
2. List of exhibits and reproducibility status
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Main findings

- **Every exhibit in the main section of the paper and in the appendix has been reproduced accurately.**
- The code was successfully executed on a new computer after:
 1. Updating the file path `o_master_do_file.do` do-file and running the code.
- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively yielded identical results.
- The code takes approximately 2 minutes to run.
- We conducted our reproducibility analysis based on the paper shared by the authors in the reproducibility package.
- **Verification Process and Data Handling:**
 - The reproducibility package relies on one type of data: forthcoming (expected to be made available through the World Bank Microdata Library in the future).
 - Reviewers used 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 forthcoming on the World Bank Microdata Library.
 - The starting point of this package is the dataset `CATI_Indicators_panel_R1toR3_wide.dta`, which will be published in the World Bank Microdata Library. While the raw data and original construction code are not included in the public package, the Reproducibility Team reconstructed and verified the data construction process using the code provided by the research team and successfully replicated the final analytical dataset.

- *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 data can use this file to verify that the data has not been altered.
- **Reproducibility Summary:**
 - **Data:** The data is not yet publicly available but is expected to be made available through the World Bank Microdata Library in the future.
 - **Code:** All code files are included in the reproducibility package but operate from intermediate data, not raw data.
 - **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

- **Table 1 Reproduced.** Verified against sheet Table 1 of Tables 1, 2, and A1.xlsx.
- **Table 2 Reproduced.** Verified against sheet Table 2 of Tables 1, 2, and A1.xlsx.
- **Table 3 Reproduced.** Verified against Table 3.rtf.
- **Table 4 Reproduced.** Verified against Table 4.rtf.
- **Table 5 Reproduced.** Verified against Table 5.rtf.
- **Figure 1 - Panel A Reproduced.** Verified against Figure 1a.png. Minor formatting differences.
- **Figure 1 - Panel B Reproduced.** Verified against Figure 1b.png. Minor formatting differences.
- **Figure 1 - Panel C Reproduced.** Verified against Figure 1c.png. Minor formatting differences.
- **Figure 2 - Panel A Reproduced.** Verified against Figure 2a.png. Minor formatting differences.
- **Figure 2 - Panel B Reproduced.** Verified against Figure 2b.png. Minor formatting differences.
- **Figure 2 - Panel B Reproduced.** Verified against Figure 2c.png. Minor formatting differences.

Results in the Annex

- **Table A1 Reproduced.** Verified against sheet Table 1 of Tables A1.xlsx.
- **Table A2 Reproduced.** Verified against Table A2.rtf.
- **Table A3 Reproduced.** Verified against Table A2.rtf.
- **Table A4 Reproduced.** Verified against Table A2.rtf.

Reproduction Environment

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

- OS: Windows 11 Enterprise
- Processor: Intel(R) Xeon(R) Gold 6226R CPU @ 2.90GHz
- Memory available: 32.0 GB
- Software version: Stata 19.5 MP