



Striving for Economic Security: Emerging Middle Class in the East Asia and Pacific Region

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Ceren Huryol, Luis Eduardo San Martin

reproducibility@worldbank.org

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This review verifies the reproducibility of the exhibits included in the paper “*Striving for Economic Security: Emerging Middle Class in the East Asia and Pacific Region*”.

Contents in this review:

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

Main findings

- **Every exhibit in the paper has been reproduced accurately.**
- The code was successfully executed on a new computer after:
 1. Changing the global root in line 41 of *_Master.do*.
- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively yielded identical results.
- The code takes approximately 30 minutes to run.
- We conducted our reproducibility analysis based on the paper shared via OneDrive on October 10, 2025.
- **Verification Process and Data Handling:**
 - The reproducibility package relies on 3 types of data: open, accessible (public but not included in the reproducibility package), and restricted data (available only from the authors).
 - Open data is included in the public reproducibility package.
 - Reviewers used accessible and restricted data provided directly by the authors to conduct the reproducibility verification, and this is not included in the public reproducibility package.
 - At the time of the review, the dataset versions of accessible data had been superseded by a newer version and did not match the version used by the authors, which was not available anymore. Hence, the reviewers did not verify that the accessible data matches what was provided by the authors.

- *data_hash_report.csv* lists the SHA256 hashes of all files in the Data folder to support data integrity checks. Users who acquire the accessible and restricted data can use this file to verify that the data has not been altered.
- **Reproducibility Summary:**
 - **Data:** Some data is restricted and has not been included in the reproducibility package. For more details, please refer to the README file.
 - **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 reproduced an existing environment for dependencies using dependency files or an environment metadata file provided by the authors.

List of exhibits and reproducibility status

Results in the Main Section of the Paper

- **Figure 1** Reproduced.
- **Figure 2** Reproduced.
- **Figure 3** Reproduced.
- **Figure 4** Reproduced.
- **Figure 5A** Reproduced.
- **Figure 5B** Reproduced.
- **Figure 6A** Reproduced.
- **Figure 6B** Reproduced.
- **Figure 7A** Reproduced.
- **Figure 7B** Reproduced.
- **Figure 8A** Reproduced.
- **Figure 8B** Reproduced.
- **Figure 9A** Reproduced.
- **Figure 9B** Reproduced.
- **Figure 10A** Reproduced.
- **Figure 10B** Reproduced.
- **Figure 11AB** Reproduced.
- **Figure 12A** Reproduced.

- **Figure 12B** Reproduced.
- **Figure 13A** Reproduced.
- **Figure 13B** Reproduced.
- **Figure 14A** Reproduced.
- **Figure 14B** Reproduced.
- **Figure 15** Reproduced.
- **Figure 16** Reproduced.
- **Figure 17** Reproduced.
- **Table 1** Does not apply Table does not include analysis results.
- **Table 2** Reproduced.

Results in the Annex

- **Figure B1** Reproduced.
- **Figure B2** Reproduced.
- **Figure B3** Reproduced.
- **Table B1** Does not apply Table does not include analysis results.
- **Table B2** Reproduced.
- **Table B3** Reproduced.

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: StataNow 18.5 MP