



The Potential Market for Care in East Asia and Pacific

Second Submission: RR_ASI_2026_676

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This review verifies the reproducibility of the exhibits included in the paper "*The Potential Market for Care in East Asia and Pacific*".

Contents in this review:

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Main findings

- **Every exhibit in the main section of the paper and 10 randomly selected exhibits in the appendix were reproduced accurately**
- The code was successfully executed on a new computer after:
 1. Updating the working directory in line 17 of the do-file "main.do", and running step 1.
 2. Restoring the environment in "environment.txt", and running "o2_generator.py".
 3. Running steps 3 and 4 in the do-file "main.do".
- The output demonstrates consistent stability across multiple runs. Specifically, executing the code two times consecutively yielded identical results.
- The code takes approximately 1.5 hours to run.
- We conducted our reproducibility analysis based on the paper shared by the authors.
- **Verification Process and Data Handling:**
 - The reproducibility package relies on 4 types of data: open, accessible (public but not included in the reproducibility package), limited-access (available to World Bank staff after approvals), and restricted data (available only from the data owners).
 - Open data is included in the public reproducibility package.
 - Reviewers used forthcoming/accessible/restricted data provided directly by the authors to conduct the reproducibility verification, and this is not included in the public reproducibility package.
 - *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/accessible/limited-access/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 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

- **Figure 1** Does not Apply. The exhibit is not an analytical output.
- **Table 1** Reproduced.
- **Figure 2 Panel A** Reproduced. The figure was manually prepared in Excel.
- **Figure 2 Panel B** Reproduced. The figure was manually prepared in Excel.
- **Figure 3** Reproduced.
- **Figure 4 Panel A** Reproduced.
- **Figure 4 Panel B** Reproduced.
- **Figure 5 Panel A** Reproduced.
- **Figure 5 Panel B** Reproduced.
- **Figure 6 Panel A** Reproduced.
- **Figure 6 Panel B** Reproduced.
- **Figure 7 Panel A** Reproduced.
- **Figure 7 Panel B** Reproduced.
- **Figure 8 Panel A** Reproduced.
- **Figure 8 Panel B** Reproduced.
- **Figure 9 Panel A** Reproduced.
- **Figure 9 Panel B** Reproduced.
- **Figure 10 Panel A** Reproduced.
- **Figure 10 Panel B** Reproduced.
- **Figure 11 Panel A** Reproduced.

- **Figure 11 Panel B** Reproduced.
- **Figure 12 Panel A** Reproduced.
- **Figure 12 Panel B** Reproduced.
- **Figure 13** Reproduced.
- **Figure 14 Panel A** Reproduced.
- **Figure 14 Panel B** Reproduced.

Results in the Annex

- **Figure 1** Reproduced.
- **Figure 2** Reproduced.
- **Figure 3** Reproduced.
- **Figure 4** Reproduced.
- **Figure 5** Does not Apply. The exhibit is not an analytical output.
- **Figure 6, Panel A** Reproduced.
- **Figure 6, Panel B** Reproduced.
- **Figure 7** Reproduced.
- **Table 1** Does not Apply. The exhibit is not an analytical output.
- **Table 2** Reproduced.
- **Table 3** Reproduced.
- **Table 4** Does not Apply. The exhibit is not an analytical output.
- **Table 5** Does not Apply. The exhibit is not an analytical output.

Reproduction Environment

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

- OS: Windows 11 Enterprise
- Processor: INTEL(R) XEON(R) PLATINUM 8562Y+ (2.80 GHz) (2 processors)
- Memory available: 128.0 GB
- Software version: Stata 18.0 MP; Python 3.11.15; Excel Version 2605