

Readme for replicating *Striving for Economic Security: Emerging Middle Class in the East Asia and Pacific Region* by Krah, Montalva Talledo, and Tiwari (2025)

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Replication

Introduction

The reproducibility package described here replicates the analysis in *Striving for Economic Security: Emerging Middle Class in the East Asia and Pacific Region* by Krah, Montalva Talledo, and Tiwari (2025). The document can be found at: [\[to be added\]](#)

Computational specifications

The replication requires Excel, and Stata. The code was run on Stata 18.0 on a machine with 32 GB of RAM and an Intel(R) Core(TM) i7-1365U @ 1800 Mhz processor. It takes about 1 hour and 20 minutes to complete all do-files.

Detailed Instructions

In order to replicate the tables and figures in the paper:

1. Copy the folder with all the files and folders intact to where you want to run it from.
2. Open the subfolder **“02 -programs”** and from there open the do file *_Master*. In that do-file you need to modify one lines:

Line #	Line current text	Modification
42	global root ""	Change line to indicate where the folder is located.

3. Run the *_Master* do-file, and after around 120 minutes the results will appear in the **“03-results”** subfolder

Data statement

The research draws on several sets of datasets:

- (1) Official household surveys of the following 19 countries in the region: Fiji, Indonesia, Kiribati, Lao PDR, Malaysia, Marshall Islands, Micronesia FS, Mongolia, Myanmar, Nauru, Philippines, Samoa, Solomon Island, Thailand, Timor-Leste, Tonga, Tuvalu, Vanuatu, Viet Nam (**not publicly available**)

The East Asia and Pacific Team for Statistical Development at the World Bank gained access to official household survey data through various arrangements, and subsequently

harmonized them. Neither the raw data nor the harmonized versions are publicly available. This paper relies on the harmonized datasets.

(2) For China:

- a) The China Family Panel Survey (CFPS) (publicly available)
- b) Synthetic distribution datasets produced by the DECDA World Bank team, derived from grouped (ventile) data from the National Bureau of Statistics of China for urban and rural areas separately (**not publicly available**)

(3) Additionally:

- a) Myanmar 2024 phone survey (**not publicly available**)
- b) Data file with CPI and PPP information, produced by the World Bank (**not publicly available**)
- c) Poverty and Inequality Indicators (publicly available).
- d) World Development Indicators (WDI) (publicly available)
- e) Provincial cost of living data for China (publicly available)
- f) GDP and private consumption projections for several EAP countries, from MFMOD World Bank team (publicly available)
- g) GDP projections from WEO report (publicly available)
- h) Population projections from World Bank (publicly available)
- i) The World Values Survey (publicly available).

Statement about Rights

We certify that the authors of the manuscript have legitimate access to and permission to use the data used in this manuscript.

Data Sources

- (1) Official household surveys (harmonized datasets) (**not publicly available**), stored in folder “\01-data\01-source-data\HH_survey”

This paper uses harmonized datasets of the official household survey datasets for 19 EAP countries, some of which have multiple survey rounds. The survey years, which correspond to the survey rounds, are listed in Appendix Table C1 of the paper, and the specific versions of the harmonized datasets used are defined in the 00.Globals do-file (located in the “\02-programs” folder). For example, for Fiji 2013 the do-file specifies:

global FJI2013POV "FJI_2013_HIES_v02_M_v05_A_EAPPOV_POV.dta"

These datasets are not publicly available. Internal access for World Bank staff is arranged as follows:

- a) Malaysia: Access is requested directly from the Poverty Economist (PE), who grants approval depending on the purpose of the work.

Data files:

1. MYS_2004_HIS_v02_M_v04_A_EAPPOV_POV.dta
2. MYS_2007_HIS_v03_M_v04_A_EAPPOV_POV.dta
3. MYS_2009_HIS_v02_M_v05_A_EAPPOV_POV.dta
4. MYS_2012_HIS_v02_M_v02_A_GMD.dta
5. MYS_2012_HIS_v02_M_v05_A_EAPPOV_POV.dta
6. MYS_2012_HIS_v02_M_v06_A_EAPPOV_B.dta
7. MYS_2012_HIS_v02_M_v06_A_EAPPOV_H.dta
8. MYS_2012_HIS_v02_M_v06_A_EAPPOV_I.dta
9. MYS_2012_HIS_v02_M_v06_A_EAPPOV_POV.dta
10. MYS_2014_HIS_v02_M_v05_A_EAPPOV_POV.dta
11. MYS_2016_HIS_v01_M_v04_A_GMD.dta
12. MYS_2016_HIS_v01_M_v05_A_EAPPOV_POV.dta
13. MYS_2016_HIS_v01_M_v06_A_EAPPOV_B.dta
14. MYS_2016_HIS_v01_M_v06_A_EAPPOV_H.dta
15. MYS_2016_HIS_v01_M_v06_A_EAPPOV_I.dta
16. MYS_2016_HIS_v01_M_v06_A_EAPPOV_POV.dta
17. MYS_2019_HIESBA_v02_M_v01_A_EAPPOV_POV.dta
18. MYS_2019_HIESBA_v02_M_v02_A_EAPPOV_B.dta
19. MYS_2019_HIESBA_v02_M_v02_A_EAPPOV_H.dta
20. MYS_2019_HIESBA_v02_M_v02_A_EAPPOV_I.dta
21. MYS_2019_HIESBA_v02_M_v02_A_EAPPOV_POV.dta
22. MYS_2019_HIESBA_v02_M_v02_A_GMD.dta
23. MYS_2022_HIS_v02_M_v01_A_EAPPOV_POV.dta
24. MYS_2022_HIS_v02_M_v02_A_EAPPOV_B.dta
25. MYS_2022_HIS_v02_M_v02_A_EAPPOV_H.dta
26. MYS_2022_HIS_v02_M_v02_A_EAPPOV_I.dta
27. MYS_2022_HIS_v02_M_v02_A_EAPPOV_POV.dta
28. MYS_2022_HIS_v02_M_v02_A_GMD.dta

- b) Viet Nam and Pacific Island Countries (Fiji, Kiribati, Marshall Islands, Micronesia FS, Nauru, Samoa, Solomon Island, Tonga, Tuvalu, Vanuatu): Access is requested through DataLibWeb, with approval required from the respective PE.

Data files:

1. FJI_2002_HIES_v01_M_v07_A_EAPPOV_POV.dta
2. FJI_2008_HIES_v01_M_v07_A_EAPPOV_POV.dta
3. FJI_2013_HIES_v02_M_v03_A_GMD.dta

4. FJI_2013_HIES_v02_M_v04_A_EAPPOV_POV.dta
5. FJI_2013_HIES_v02_M_v05_A_EAPPOV_B.dta
6. FJI_2013_HIES_v02_M_v05_A_EAPPOV_H.dta
7. FJI_2013_HIES_v02_M_v05_A_EAPPOV_I.dta
8. FJI_2013_HIES_v02_M_v05_A_EAPPOV_POV.dta
9. FJI_2019_HIES_v02_M_v01_A_GMD.dta
10. FJI_2019_HIES_v02_M_v02_A_GMD.dta
11. FJI_2019_HIES_v02_M_v03_A_EAPPOV_POV.dta
12. FJI_2019_HIES_v02_M_v04_A_EAPPOV_B.dta
13. FJI_2019_HIES_v02_M_v04_A_EAPPOV_H.dta
14. FJI_2019_HIES_v02_M_v04_A_EAPPOV_I.dta
15. FJI_2019_HIES_v02_M_v04_A_EAPPOV_POV.dta
16. VNM_2002_VHLSS_v01_M_v07_A_EAPPOV_POV.dta
17. VNM_2004_VHLSS_v01_M_v06_A_EAPPOV_POV.dta
18. VNM_2006_VHLSS_v01_M_v07_A_EAPPOV_POV.dta
19. VNM_2008_VHLSS_v01_M_v06_A_EAPPOV_POV.dta
20. VNM_2010_VHLSS_v01_M_v07_A_EAPPOV_POV.dta
21. VNM_2012_VHLSS_v01_M_v05_A_GMD.dta
22. VNM_2012_VHLSS_v01_M_v07_A_EAPPOV_B.dta
23. VNM_2012_VHLSS_v01_M_v07_A_EAPPOV_H.dta
24. VNM_2012_VHLSS_v01_M_v07_A_EAPPOV_I.dta
25. VNM_2012_VHLSS_v01_M_v07_A_EAPPOV_POV.dta
26. VNM_2014_VHLSS_v01_M_v04_A_GMD.dta
27. VNM_2014_VHLSS_v01_M_v07_A_EAPPOV_B.dta
28. VNM_2014_VHLSS_v01_M_v07_A_EAPPOV_H.dta
29. VNM_2014_VHLSS_v01_M_v07_A_EAPPOV_I.dta
30. VNM_2014_VHLSS_v01_M_v07_A_EAPPOV_POV.dta
31. VNM_2016_VHLSS_v01_M_v05_A_GMD.dta
32. VNM_2016_VHLSS_v01_M_v06_A_EAPPOV_POV.dta
33. VNM_2016_VHLSS_v01_M_v07_A_EAPPOV_B.dta
34. VNM_2016_VHLSS_v01_M_v07_A_EAPPOV_H.dta
35. VNM_2016_VHLSS_v01_M_v07_A_EAPPOV_I.dta
36. VNM_2016_VHLSS_v01_M_v07_A_EAPPOV_POV.dta
37. VNM_2018_VHLSS_v03_M_v03_A_GMD.dta
38. VNM_2018_VHLSS_v03_M_v05_A_EAPPOV_POV.dta
39. VNM_2018_VHLSS_v03_M_v06_A_EAPPOV_B.dta
40. VNM_2018_VHLSS_v03_M_v06_A_EAPPOV_H.dta
41. VNM_2018_VHLSS_v03_M_v06_A_EAPPOV_I.dta
42. VNM_2018_VHLSS_v03_M_v06_A_EAPPOV_POV.dta
43. VNM_2020_VHLSS_v01_M_v02_A_EAPPOV_POV.dta
44. VNM_2022_VHLSS_v01_M_v01_A_EAPPOV_POV.dta
45. VNM_2022_VHLSS_v01_M_v02_A_EAPPOV_B.dta
46. VNM_2022_VHLSS_v01_M_v02_A_EAPPOV_H.dta
47. VNM_2022_VHLSS_v01_M_v02_A_EAPPOV_I.dta
48. VNM_2022_VHLSS_v01_M_v02_A_EAPPOV_POV.dta
49. VNM_2022_VHLSS_v01_M_v02_A_GMD.dta
50. KIR_2006_HIES_v01_M_v07_A_EAPPOV_POV.dta
51. KIR_2019_HIES_v01_M_v04_A_EAPPOV_POV.dta

52. KIR_2019_HIES_v01_M_v04_A_GMD.dta
53. KIR_2019_HIES_v01_M_v05_A_EAPPOV_B.dta
54. KIR_2019_HIES_v01_M_v05_A_EAPPOV_H.dta
55. KIR_2019_HIES_v01_M_v05_A_EAPPOV_I.dta
56. KIR_2019_HIES_v01_M_v05_A_EAPPOV_POV.dta
57. MHL_2019_HIES_v01_M_v03_A_EAPPOV_POV.dta
58. MHL_2019_HIES_v01_M_v03_A_GMD.dta
59. MHL_2019_HIES_v01_M_v04_A_EAPPOV_B.dta
60. MHL_2019_HIES_v01_M_v04_A_EAPPOV_H.dta
61. MHL_2019_HIES_v01_M_v04_A_EAPPOV_I.dta
62. MHL_2019_HIES_v01_M_v04_A_EAPPOV_POV.dta
63. FSM_2005_HIES_v01_M_v07_A_EAPPOV_POV.dta
64. FSM_2013_HIES_v01_M_v08_A_EAPPOV_POV.dta
65. FSM_2013_HIES_v01_M_v08_A_GMD.dta
66. FSM_2013_HIES_v01_M_v09_A_EAPPOV_B.dta
67. FSM_2013_HIES_v01_M_v09_A_EAPPOV_H.dta
68. FSM_2013_HIES_v01_M_v09_A_EAPPOV_I.dta
69. FSM_2013_HIES_v01_M_v09_A_EAPPOV_POV.dta
70. NRU_2012_HIES_v01_M_v03_A_EAPPOV_B.dta
71. NRU_2012_HIES_v01_M_v03_A_EAPPOV_H.dta
72. NRU_2012_HIES_v01_M_v03_A_EAPPOV_I.dta
73. NRU_2012_HIES_v01_M_v03_A_EAPPOV_POV.dta
74. NRU_2012_HIES_v01_M_v05_A_EAPPOV_POV.dta
75. NRU_2012_HIES_v01_M_v07_A_GMD.dta
76. WSM_2002_HIES_v01_M_v05_A_EAPPOV_POV.dta
77. WSM_2008_HIES_v01_M_v07_A_EAPPOV_POV.dta
78. WSM_2013_HIES_v01_M_v04_A_GMD.dta
79. WSM_2013_HIES_v01_M_v06_A_EAPPOV_POV.dta
80. WSM_2013_HIES_v01_M_v07_A_EAPPOV_B.dta
81. WSM_2013_HIES_v01_M_v07_A_EAPPOV_H.dta
82. WSM_2013_HIES_v01_M_v07_A_EAPPOV_I.dta
83. WSM_2013_HIES_v01_M_v07_A_EAPPOV_POV.dta
84. SLB_2005_HIES_v01_M_v06_A_EAPPOV_POV.dta
85. SLB_2012_HIES_v01_M_v07_A_EAPPOV_POV.dta
86. SLB_2012_HIES_v01_M_v07_A_GMD.dta
87. SLB_2012_HIES_v01_M_v08_A_EAPPOV_B.dta
88. SLB_2012_HIES_v01_M_v08_A_EAPPOV_H.dta
89. SLB_2012_HIES_v01_M_v08_A_EAPPOV_I.dta
90. SLB_2012_HIES_v01_M_v08_A_EAPPOV_POV.dta
91. TUV_2010_HIES_v01_M_v05_A_GMD.dta
92. TUV_2010_HIES_v01_M_v07_A_EAPPOV_POV.dta
93. TUV_2010_HIES_v01_M_v08_A_EAPPOV_B.dta
94. TUV_2010_HIES_v01_M_v08_A_EAPPOV_H.dta
95. TUV_2010_HIES_v01_M_v08_A_EAPPOV_I.dta
96. TUV_2010_HIES_v01_M_v08_A_EAPPOV_POV.dta
97. VUT_2010_HIES_v01_M_v09_A_EAPPOV_POV.dta
98. VUT_2019_NSDP_v01_M_v04_A_EAPPOV_POV.dta
99. VUT_2019_NSDP_v01_M_v04_A_GMD.dta

100. VUT_2019_NSDP_v01_M_v05_A_EAPPOV_B.dta
101. VUT_2019_NSDP_v01_M_v05_A_EAPPOV_H.dta
102. VUT_2019_NSDP_v01_M_v05_A_EAPPOV_I.dta
103. VUT_2019_NSDP_v01_M_v05_A_EAPPOV_POV.dta

c) Indonesia, the Lao PDR, Mongolia, Philippines, Myanmar, Thailand, and Timor-Leste:
Access is also requested through DataLibWeb, subject to approval by the East Asia and Pacific Team for Statistical Development team.

Data files:

1. IDN_2000_SUSENAS-FEB_v01_M_v08_A_EAPPOV_POV.dta
2. IDN_2001_SUSENAS-FEB_v01_M_v08_A_EAPPOV_POV.dta
3. IDN_2002_SUSENAS-FEB_v01_M_v08_A_EAPPOV_POV.dta
4. IDN_2003_SUSENAS-FEB_v01_M_v08_A_EAPPOV_POV.dta
5. IDN_2004_SUSENAS-FEB_v01_M_v07_A_EAPPOV_POV.dta
6. IDN_2005_SUSENAS-FEB_v01_M_v07_A_EAPPOV_POV.dta
7. IDN_2006_SUSENAS-FEB_v01_M_v07_A_EAPPOV_POV.dta
8. IDN_2007_SUSENAS-FEB_v01_M_v07_A_EAPPOV_POV.dta
9. IDN_2008_SUSENAS-MAR_v01_M_v08_A_EAPPOV_POV.dta
10. IDN_2009_SUSENAS-MAR_v01_M_v08_A_EAPPOV_POV.dta
11. IDN_2010_SUSENAS-MAR_v01_M_v08_A_EAPPOV_POV.dta
12. IDN_2011_SUSENAS-MAR_v01_M_v07_A_EAPPOV_POV.dta
13. IDN_2012_SUSENAS-MAR_v01_M_v03_A_GMD.dta
14. IDN_2012_SUSENAS-MAR_v01_M_v07_A_EAPPOV_B.dta
15. IDN_2012_SUSENAS-MAR_v01_M_v07_A_EAPPOV_H.dta
16. IDN_2012_SUSENAS-MAR_v01_M_v07_A_EAPPOV_I.dta
17. IDN_2012_SUSENAS-MAR_v01_M_v07_A_EAPPOV_POV.dta
18. IDN_2013_SUSENAS-MAR_v01_M_v07_A_EAPPOV_POV.dta
19. IDN_2014_SUSENAS-MAR_v01_M_v08_A_EAPPOV_POV.dta
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22. IDN_2015_SUSENAS-MAR_v01_M_v09_A_EAPPOV_H.dta
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26. IDN_2017_SUSENAS-MAR_v01_M_v08_A_EAPPOV_POV.dta
27. IDN_2018_SUSENAS-MAR_v01_M_v05_A_GMD.dta
28. IDN_2018_SUSENAS-MAR_v01_M_v07_A_EAPPOV_POV.dta
29. IDN_2018_SUSENAS-MAR_v01_M_v08_A_EAPPOV_B.dta
30. IDN_2018_SUSENAS-MAR_v01_M_v08_A_EAPPOV_H.dta
31. IDN_2018_SUSENAS-MAR_v01_M_v08_A_EAPPOV_I.dta
32. IDN_2018_SUSENAS-MAR_v01_M_v08_A_EAPPOV_POV.dta
33. IDN_2019_SUSENAS-MAR_v01_M_v06_A_EAPPOV_POV.dta
34. IDN_2020_SUSENAS-MAR_v01_M_v05_A_EAPPOV_POV.dta
35. IDN_2021_SUSENAS-MAR_v01_M_v05_A_EAPPOV_POV.dta
36. IDN_2022_SUSENAS-MAR_v02_M_v03_A_EAPPOV_POV.dta
37. IDN_2023_SUSENAS-MAR_v01_M_v02_A_EAPPOV_POV.dta

38. IDN_2023_SUSENAS-MAR_v01_M_v03_A_EAPPOV_B.dta
39. IDN_2023_SUSENAS-MAR_v01_M_v03_A_EAPPOV_H.dta
40. IDN_2023_SUSENAS-MAR_v01_M_v03_A_EAPPOV_I.dta
41. IDN_2023_SUSENAS-MAR_v01_M_v03_A_EAPPOV_POV.dta
42. IDN_2023_SUSENAS-MAR_v01_M_v03_A_GMD.dta
43. IDN_2024_SUSENAS-MAR_v01_M_v01_A_EAPPOV_POV.dta
44. IDN_2024_SUSENAS-MAR_v01_M_v02_A_EAPPOV_B.dta
45. IDN_2024_SUSENAS-MAR_v01_M_v02_A_EAPPOV_H.dta
46. IDN_2024_SUSENAS-MAR_v01_M_v02_A_EAPPOV_I.dta
47. IDN_2024_SUSENAS-MAR_v01_M_v02_A_EAPPOV_POV.dta
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49. LAO_2002_LECS_v01_M_v07_A_EAPPOV_POV.dta
50. LAO_2007_LECS_v01_M_v07_A_EAPPOV_POV.dta
51. LAO_2012_LECS_v02_M_v04_A_GMD.dta
52. LAO_2012_LECS_v02_M_v05_A_EAPPOV_POV.dta
53. LAO_2012_LECS_v02_M_v06_A_EAPPOV_B.dta
54. LAO_2012_LECS_v02_M_v06_A_EAPPOV_H.dta
55. LAO_2012_LECS_v02_M_v06_A_EAPPOV_I.dta
56. LAO_2012_LECS_v02_M_v06_A_EAPPOV_POV.dta
57. LAO_2018_LECS_v01_M_v06_A_EAPPOV_POV.dta
58. LAO_2018_LECS_v01_M_v06_A_GMD.dta
59. LAO_2018_LECS_v01_M_v07_A_EAPPOV_B.dta
60. LAO_2018_LECS_v01_M_v07_A_EAPPOV_H.dta
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63. MMR_2015_MPLCS_v01_M_v06_A_EAPPOV_POV.dta
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65. MMR_2015_MPLCS_v01_M_v07_A_EAPPOV_B.dta
66. MMR_2015_MPLCS_v01_M_v07_A_EAPPOV_H.dta
67. MMR_2015_MPLCS_v01_M_v07_A_EAPPOV_I.dta
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69. MMR_2017_MLCS_v01_M_v06_A_EAPPOV_POV.dta
70. MMR_2017_MLCS_v01_M_v06_A_GMD.dta
71. MMR_2017_MLCS_v01_M_v07_A_EAPPOV_B.dta
72. MMR_2017_MLCS_v01_M_v07_A_EAPPOV_H.dta
73. MMR_2017_MLCS_v01_M_v07_A_EAPPOV_I.dta
74. MMR_2017_MLCS_v01_M_v07_A_EAPPOV_POV.dta
75. MNG_2010_HSES_v01_M_v08_A_EAPPOV_POV.dta
76. MNG_2011_HSES_v01_M_v09_A_EAPPOV_POV.dta
77. MNG_2012_HSES_v01_M_v06_A_GMD.dta
78. MNG_2012_HSES_v01_M_v09_A_EAPPOV_B.dta
79. MNG_2012_HSES_v01_M_v09_A_EAPPOV_H.dta
80. MNG_2012_HSES_v01_M_v09_A_EAPPOV_I.dta
81. MNG_2012_HSES_v01_M_v09_A_EAPPOV_POV.dta
82. MNG_2014_HSES_v01_M_v08_A_EAPPOV_POV.dta
83. MNG_2016_HSES_v01_M_v06_A_EAPPOV_POV.dta
84. MNG_2016_HSES_v01_M_v07_A_EAPPOV_B.dta
85. MNG_2016_HSES_v01_M_v07_A_EAPPOV_H.dta

86. MNG_2016_HSES_v01_M_v07_A_EAPPOV_I.dta
87. MNG_2016_HSES_v01_M_v07_A_EAPPOV_POV.dta
88. MNG_2016_HSES_v01_M_v07_A_GMD.dta
89. MNG_2018_HSES_v01_M_v04_A_GMD.dta
90. MNG_2018_HSES_v01_M_v06_A_EAPPOV_POV.dta
91. MNG_2018_HSES_v01_M_v07_A_EAPPOV_B.dta
92. MNG_2018_HSES_v01_M_v07_A_EAPPOV_H.dta
93. MNG_2018_HSES_v01_M_v07_A_EAPPOV_I.dta
94. MNG_2018_HSES_v01_M_v07_A_EAPPOV_POV.dta
95. MNG_2022_HSES_v02_M_v01_A_EAPPOV_POV.dta
96. MNG_2022_HSES_v02_M_v02_A_EAPPOV_B.dta
97. MNG_2022_HSES_v02_M_v02_A_EAPPOV_H.dta
98. MNG_2022_HSES_v02_M_v02_A_EAPPOV_I.dta
99. MNG_2022_HSES_v02_M_v02_A_EAPPOV_POV.dta
100. MNG_2022_HSES_v02_M_v02_A_GMD.dta
101. PHL_2000_FIES_v01_M_v05_A_EAPPOV_POV.dta
102. PHL_2003_FIES_v01_M_v07_A_EAPPOV_POV.dta
103. PHL_2006_FIES_v02_M_v07_A_EAPPOV_POV.dta
104. PHL_2009_FIES_v02_M_v07_A_EAPPOV_POV.dta
105. PHL_2012_FIES_v01_M_v06_A_GMD.dta
106. PHL_2012_FIES_v01_M_v07_A_EAPPOV_POV.dta
107. PHL_2012_FIES_v01_M_v08_A_EAPPOV_B.dta
108. PHL_2012_FIES_v01_M_v08_A_EAPPOV_H.dta
109. PHL_2012_FIES_v01_M_v08_A_EAPPOV_I.dta
110. PHL_2012_FIES_v01_M_v08_A_EAPPOV_POV.dta
111. PHL_2015_FIES_v02_M_v05_A_EAPPOV_POV.dta
112. PHL_2015_FIES_v02_M_v05_A_GMD.dta
113. PHL_2015_FIES_v02_M_v06_A_EAPPOV_B.dta
114. PHL_2015_FIES_v02_M_v06_A_EAPPOV_H.dta
115. PHL_2015_FIES_v02_M_v06_A_EAPPOV_I.dta
116. PHL_2015_FIES_v02_M_v06_A_EAPPOV_POV.dta
117. PHL_2018_FIES_v02_M_v03_A_GMD.dta
118. PHL_2018_FIES_v02_M_v05_A_EAPPOV_POV.dta
119. PHL_2018_FIES_v02_M_v06_A_EAPPOV_B.dta
120. PHL_2018_FIES_v02_M_v06_A_EAPPOV_H.dta
121. PHL_2018_FIES_v02_M_v06_A_EAPPOV_I.dta
122. PHL_2018_FIES_v02_M_v06_A_EAPPOV_POV.dta
123. PHL_2021_FIES_v01_M_v02_A_EAPPOV_POV.dta
124. PHL_2023_FIES_v01_M_v01_A_EAPPOV_POV.dta
125. PHL_2023_FIES_v01_M_v02_A_EAPPOV_B.dta
126. PHL_2023_FIES_v01_M_v02_A_EAPPOV_H.dta
127. PHL_2023_FIES_v01_M_v02_A_EAPPOV_I.dta
128. PHL_2023_FIES_v01_M_v02_A_EAPPOV_POV.dta
129. PHL_2023_FIES_v01_M_v02_A_GMD.dta
130. THA_2000_SES_v01_M_v06_A_EAPPOV_POV.dta
131. THA_2002_SES_v01_M_v06_A_EAPPOV_POV.dta
132. THA_2004_SES_v01_M_v06_A_EAPPOV_POV.dta
133. THA_2006_SES_v01_M_v06_A_EAPPOV_POV.dta

134. THA_2007_SES_v01_M_v07_A_EAPPOV_POV.dta
135. THA_2008_SES_v01_M_v06_A_EAPPOV_POV.dta
136. THA_2009_SES_v01_M_v06_A_EAPPOV_POV.dta
137. THA_2010_SES_v01_M_v06_A_EAPPOV_POV.dta
138. THA_2011_SES_v01_M_v06_A_EAPPOV_POV.dta
139. THA_2012_SES_v01_M_v05_A_GMD.dta
140. THA_2012_SES_v01_M_v06_A_EAPPOV_POV.dta
141. THA_2012_SES_v01_M_v07_A_EAPPOV_B.dta
142. THA_2012_SES_v01_M_v07_A_EAPPOV_H.dta
143. THA_2012_SES_v01_M_v07_A_EAPPOV_I.dta
144. THA_2012_SES_v01_M_v07_A_EAPPOV_POV.dta
145. THA_2013_SES_v01_M_v07_A_EAPPOV_POV.dta
146. THA_2014_SES_v01_M_v06_A_EAPPOV_POV.dta
147. THA_2015_SES_v01_M_v04_A_GMD.dta
148. THA_2015_SES_v01_M_v05_A_EAPPOV_POV.dta
149. THA_2015_SES_v01_M_v06_A_EAPPOV_B.dta
150. THA_2015_SES_v01_M_v06_A_EAPPOV_H.dta
151. THA_2015_SES_v01_M_v06_A_EAPPOV_I.dta
152. THA_2015_SES_v01_M_v06_A_EAPPOV_POV.dta
153. THA_2016_SES_v01_M_v05_A_EAPPOV_POV.dta
154. THA_2017_SES_v01_M_v05_A_EAPPOV_POV.dta
155. THA_2018_SES_v01_M_v03_A_GMD.dta
156. THA_2018_SES_v01_M_v05_A_EAPPOV_POV.dta
157. THA_2018_SES_v01_M_v06_A_EAPPOV_B.dta
158. THA_2018_SES_v01_M_v06_A_EAPPOV_H.dta
159. THA_2018_SES_v01_M_v06_A_EAPPOV_I.dta
160. THA_2018_SES_v01_M_v06_A_EAPPOV_POV.dta
161. THA_2019_SES_v01_M_v05_A_EAPPOV_POV.dta
162. THA_2020_SES_v01_M_v04_A_EAPPOV_POV.dta
163. THA_2021_SES_v01_M_v02_A_EAPPOV_POV.dta
164. THA_2022_SES_v01_M_v01_A_EAPPOV_POV.dta
165. THA_2023_SES_v01_M_v01_A_EAPPOV_POV.dta
166. THA_2023_SES_v01_M_v02_A_EAPPOV_B.dta
167. THA_2023_SES_v01_M_v02_A_EAPPOV_H.dta
168. THA_2023_SES_v01_M_v02_A_EAPPOV_I.dta
169. THA_2023_SES_v01_M_v02_A_EAPPOV_POV.dta
170. THA_2023_SES_v01_M_v02_A_GMD.dta
171. TLS_2001_TLSS_v01_M_v07_A_EAPPOV_POV.dta
172. TLS_2007_TLSLS_v02_M_v06_A_EAPPOV_POV.dta
173. TLS_2014_TLSLS_v01_M_v06_A_GMD.dta
174. TLS_2014_TLSLS_v01_M_v08_A_EAPPOV_B.dta
175. TLS_2014_TLSLS_v01_M_v08_A_EAPPOV_H.dta
176. TLS_2014_TLSLS_v01_M_v08_A_EAPPOV_I.dta
177. TLS_2014_TLSLS_v01_M_v08_A_EAPPOV_POV.dta

The data for the paper was obtained this way in July, 2025.

(2) For China:

- a) The China Family Panel Survey (CFPS) (publicly available), stored in folder “\01-data\01-source-data\HH_surveys\CHN”

The raw data are available from the CFPS Database upon registration:

<https://www.isss.pku.edu.cn/cfps/en/data/public/index.htm?CSRFT=36YT-2FOZ-J7IP-RZ2Z-6711-PRL4-R17E-A273>

Data files:

1. 2010/ecfps2010famecon_202008.dta
2. 2012/ecfps2012famecon_201906.dta
3. 2014/ecfps2014adult_201906.dta
4. 2014/ecfps2014child_201906.dta
5. 2014/ecfps2014comm_201906.dta
6. 2014/ecfps2014famconf_170630.dta
7. 2014/ecfps2014famecon_201906.dta
8. 2016/ecfps2016famecon_201807.dta
9. 2018/ecfps2018childproxy_202012.dta
10. 2018/ecfps2018crossyearid_202104.dta
11. 2018/ecfps2018famconf_202008.dta
12. 2018/ecfps2018famecon_202101.dta
13. 2018/ecfps2018person_202012.dta

- b) Synthetic distribution datasets produced by the DECDA World Bank team, derived from grouped (ventile) data from the National Bureau of Statistics of China for urban and rural areas separately (**not publicly available**), stored in folder “\01-data\01-source-data\CHN_confidential”

Access is requested directly from the Poverty Economist (PE), who grants approval depending on the purpose of the work.

Data files:

1. CHN_svy_2024.08.16.dta
2. gdm.csv
3. synth_CHN_distr_2021PPP_mean/CHN_2002_CRHS-CUHS_D2_CON_SYNTH.dta
4. synth_CHN_distr_2021PPP_mean/CHN_2005_CRHS-CUHS_D2_CON_SYNTH.dta
5. synth_CHN_distr_2021PPP_mean/CHN_2008_CRHS-CUHS_D2_CON_SYNTH.dta
6. synth_CHN_distr_2021PPP_mean/CHN_2010_CRHS-CUHS_D2_CON_SYNTH.dta
7. synth_CHN_distr_2021PPP_mean/CHN_2011_CRHS-CUHS_D2_CON_SYNTH.dta
8. synth_CHN_distr_2021PPP_mean/CHN_2012_CNIHS_D2_CON_SYNTH.dta

9. synth_CHN_distr_2021PPP_mean/CHN_2013_CNIHS_D2_CON_SYNTH.dta
10. synth_CHN_distr_2021PPP_mean/CHN_2014_CNIHS_D2_CON_SYNTH.dta
11. synth_CHN_distr_2021PPP_mean/CHN_2015_CNIHS_D2_CON_SYNTH.dta
12. synth_CHN_distr_2021PPP_mean/CHN_2016_CNIHS_D2_CON_SYNTH.dta
13. synth_CHN_distr_2021PPP_mean/CHN_2017_CNIHS_D2_CON_SYNTH.dta
14. synth_CHN_distr_2021PPP_mean/CHN_2018_CNIHS_D2_CON_SYNTH.dta
15. synth_CHN_distr_2021PPP_mean/CHN_2019_CNIHS_D2_CON_SYNTH.dta
16. synth_CHN_distr_2021PPP_mean/CHN_2020_CNIHS_D2_CON_SYNTH.dta
17. synth_CHN_distr_2021PPP_mean/CHN_2021_CNIHS_D2_CON_SYNTH.dta
18. synth_CHN_distr_2021PPP_mean/CHN_2022_CNIHS_D2_CON_SYNTH.dta
19. synth_CHN_distr_Normalized_mean_1/CHN_1981_income_rural.dta
20. synth_CHN_distr_Normalized_mean_1/CHN_1981_income_urban.dta
21. synth_CHN_distr_Normalized_mean_1/CHN_1984_income_rural.dta
22. synth_CHN_distr_Normalized_mean_1/CHN_1984_income_urban.dta
23. synth_CHN_distr_Normalized_mean_1/CHN_1987_income_rural.dta
24. synth_CHN_distr_Normalized_mean_1/CHN_1987_income_urban.dta
25. synth_CHN_distr_Normalized_mean_1/CHN_1990_consumption_rural.dta
26. synth_CHN_distr_Normalized_mean_1/CHN_1990_consumption_urban.dta
27. synth_CHN_distr_Normalized_mean_1/CHN_1993_consumption_rural.dta
28. synth_CHN_distr_Normalized_mean_1/CHN_1993_consumption_urban.dta
29. synth_CHN_distr_Normalized_mean_1/CHN_1996_consumption_rural.dta
30. synth_CHN_distr_Normalized_mean_1/CHN_1996_consumption_urban.dta
31. synth_CHN_distr_Normalized_mean_1/CHN_1999_consumption_rural.dta
32. synth_CHN_distr_Normalized_mean_1/CHN_1999_consumption_urban.dta
33. synth_CHN_distr_Normalized_mean_1/CHN_2002_consumption_rural.dta
34. synth_CHN_distr_Normalized_mean_1/CHN_2002_consumption_urban.dta
35. synth_CHN_distr_Normalized_mean_1/CHN_2005_consumption_rural.dta
36. synth_CHN_distr_Normalized_mean_1/CHN_2005_consumption_urban.dta
37. synth_CHN_distr_Normalized_mean_1/CHN_2008_consumption_rural.dta
38. synth_CHN_distr_Normalized_mean_1/CHN_2008_consumption_urban.dta
39. synth_CHN_distr_Normalized_mean_1/CHN_2010_consumption_rural.dta
40. synth_CHN_distr_Normalized_mean_1/CHN_2010_consumption_urban.dta
41. synth_CHN_distr_Normalized_mean_1/CHN_2011_consumption_rural.dta
42. synth_CHN_distr_Normalized_mean_1/CHN_2011_consumption_urban.dta
43. synth_CHN_distr_Normalized_mean_1/CHN_2012_consumption_rural.dta
44. synth_CHN_distr_Normalized_mean_1/CHN_2012_consumption_urban.dta
45. synth_CHN_distr_Normalized_mean_1/CHN_2013_consumption_rural.dta
46. synth_CHN_distr_Normalized_mean_1/CHN_2013_consumption_urban.dta
47. synth_CHN_distr_Normalized_mean_1/CHN_2014_consumption_rural.dta
48. synth_CHN_distr_Normalized_mean_1/CHN_2014_consumption_urban.dta
49. synth_CHN_distr_Normalized_mean_1/CHN_2015_consumption_rural.dta
50. synth_CHN_distr_Normalized_mean_1/CHN_2015_consumption_urban.dta
51. synth_CHN_distr_Normalized_mean_1/CHN_2016_consumption_rural.dta
52. synth_CHN_distr_Normalized_mean_1/CHN_2016_consumption_urban.dta
53. synth_CHN_distr_Normalized_mean_1/CHN_2017_consumption_rural.dta
54. synth_CHN_distr_Normalized_mean_1/CHN_2017_consumption_urban.dta
55. synth_CHN_distr_Normalized_mean_1/CHN_2018_consumption_rural.dta
56. synth_CHN_distr_Normalized_mean_1/CHN_2018_consumption_urban.dta

- 57. synth_CHN_distr_Normalized_mean_1/CHN_2019_consumption_rural.dta
- 58. synth_CHN_distr_Normalized_mean_1/CHN_2019_consumption_urban.dta
- 59. synth_CHN_distr_Normalized_mean_1/CHN_2020_consumption_rural.dta
- 60. synth_CHN_distr_Normalized_mean_1/CHN_2020_consumption_urban.dta

(3) Additionally:

- a) The Myanmar 2024 phone survey (**not publicly available**), stored in folder “\01-data\01-source-data\Inputs_Projections”

Access is requested directly from the Poverty Economist (PE), who grants approval depending on the purpose of the work.

- b) Data file with CPI and PPP information, (**not publicly available**), “\01-data\01-source-data\HH_surveys\cpi”

Internal access for World Bank staff can be obtained via Datalibweb (see installation instructions at: <https://datalibweb2.worldbank.org/about>) using the following code:

```
datalibweb, country(Support) year(2005) type(GMDRAW) surveyid(Support_2005_CPI_V13_M)
filename(Final_CPI_PPP_to_be_used.dta)
```

- c) Poverty and Inequality Indicators (publicly available), stored in folder “\01-data\01-source-data\z.Other”

These indicators can be obtained from the Poverty and Inequality Platform:

<https://pip.worldbank.org/poverty-calculator>

Alternatively, World Bank staff can access them directly using the following code (the data for the paper was obtained this way in September 2025):

```
pip, povline(4.20 7.30 8.30 15 56) clear
```

- d) World Development Indicators (WDI) (publicly available), stored in folder “\01-data\01-source-data\z.Other”

These indicators can be obtained from WDI website:

<https://databank.worldbank.org/source/world-development-indicators>

Alternatively, World Bank staff can access them directly using the following code (the data for the paper was obtained this way in September 2025):

```
wbopendata, indicator(sp.pop.totl; ny.gdp.mktp.kd; si.pov.gini; sl.tlf.cact.ma.zs; sl.tlf.cact.fe.zs;
sp.urb.totl.in.zs) clear long
```

- e) Provincial cost of living data for China (publicly available), stored in folder “\01-data\01-source-data\HH_surveys\CHN”

This was obtained from Brandt, Loren, and Carsten A. Holz. 2006. “Spatial Price Differences in China: Estimates and Implications.” *Economic Development and Cultural Change* 55 (1): 43–86. <https://doi.org/10.1086/505722>

- f) GDP and private consumption projections for several EAP countries, from MFMOD World Bank team (publicly available), stored in folder “\01-data\01-source-data\Inputs_Projections”

This was obtained from: World Bank. (2025, October). *Macro Poverty Outlook: East Asia and Pacific — Country-by-country analysis and projections*. The World Bank.

Retrieved from:

<https://thedocs.worldbank.org/en/doc/c6aceb75bed03729ef4ff9404dd7f125-0500012021/related/mpo-eap.pdf>

- g) GDP projections from WEO report (publicly available), stored in folder “\01-data\01-source-data\Inputs_Projections”

This was obtained from: International Monetary Fund. (2025, July 29). *World Economic Outlook Update, July 2025: Global Economy: Tenuous Resilience amid Persistent Uncertainty*. <https://www.imf.org/en/Publications/WEO/Issues/2025/07/29/world-economic-outlook-update-july-2025>

- h) Population projections from World Bank (publicly available), stored in folder “\01-data\01-source-data\Inputs_Projections”

This was obtained from: *Population estimates and projections* [DataBank]. The World Bank. Retrieved August 2025, from

<https://databank.worldbank.org/source/population-estimates-and-projections#>

- i) The World Values Survey (publicly available), stored in folder “\01-data\01-source-data\WVS”

The study draws on World Values Survey data from the following countries and years: Argentina (2017), Armenia (2021), Australia (2018), Bolivia (2017), Canada (2020), China (2018), Egypt (2018), Ethiopia (2020), Germany (2018), Guatemala (2019), Indonesia (2018), Iraq (2018), Japan (2019), Jordan (2018), Kazakhstan (2018), Kenya (2021), Kyrgyz Republic (2020), Malaysia (2018), Mexico (2018), Mongolia (2021), Netherlands (2022), New Zealand (2020), Nicaragua (2020), Nigeria (2018), Peru (2018), Philippines (2019), Russian Federation (2017), Singapore (2020), Thailand (2018), Tunisia (2019), Ukraine (2020), United States (2017), Viet Nam (2020), and Zimbabwe (2020).

The raw data are available from the World Values Survey Database:

<https://www.worldvaluessurvey.org/WVSDocumentationWV7.jsp>

Data files:

1. 01-data/01-source-data/WVS/AND/MVS2018/WVS_2018.dta
2. 01-data/01-source-data/WVS/ARG/MVS2017/WVS_2017.dta
3. 01-data/01-source-data/WVS/ARM/MVS2021/WVS_2021.dta
4. 01-data/01-source-data/WVS/AUS/MVS2018/WVS_2018.dta
5. 01-data/01-source-data/WVS/BGD/MVS2018/WVS_2018.dta
6. 01-data/01-source-data/WVS/BOL/MVS2017/WVS_2017.dta
7. 01-data/01-source-data/WVS/CAN/MVS2020/WVS_2020.dta
8. 01-data/01-source-data/WVS/CHL/MVS2018/WVS_2018.dta

9. 01-data/01-source-data/WVS/CHN/MVS2018/WVS_2018.dta
10. 01-data/01-source-data/WVS/COL/MVS2018/WVS_2018.dta
11. 01-data/01-source-data/WVS/CYP/MVS2019/WVS_2019.dta
12. 01-data/01-source-data/WVS/DEU/MVS2018/WVS_2018.dta
13. 01-data/01-source-data/WVS/ECU/MVS2018/WVS_2018.dta
14. 01-data/01-source-data/WVS/EGY/MVS2018/WVS_2018.dta
15. 01-data/01-source-data/WVS/ETH/MVS2020/WVS_2020.dta
16. 01-data/01-source-data/WVS/GBR/MVS2022/WVS_2022.dta
17. 01-data/01-source-data/WVS/GRC/MVS2017/WVS_2017.dta
18. 01-data/01-source-data/WVS/GTM/MVS2019/WVS_2019.dta
19. 01-data/01-source-data/WVS/HKG/MVS2018/WVS_2018.dta
20. 01-data/01-source-data/WVS/IDN/MVS2018/WVS_2018.dta
21. 01-data/01-source-data/WVS/IND/MVS2023/WVS_2023.dta
22. 01-data/01-source-data/WVS/IRN/MVS2020/WVS_2020.dta
23. 01-data/01-source-data/WVS/IRQ/MVS2018/WVS_2018.dta
24. 01-data/01-source-data/WVS/JOR/MVS2018/WVS_2018.dta
25. 01-data/01-source-data/WVS/JPN/MVS2019/WVS_2019.dta
26. 01-data/01-source-data/WVS/JTK/MVS2020/WVS_2020.dta
27. 01-data/01-source-data/WVS/KAZ/MVS2018/WVS_2018.dta
28. 01-data/01-source-data/WVS/KEN/MVS2021/WVS_2021.dta
29. 01-data/01-source-data/WVS/KGZ/MVS2020/WVS_2020.dta
30. 01-data/01-source-data/WVS/LBN/MVS2018/WVS_2018.dta
31. 01-data/01-source-data/WVS/LBY/MVS2022/WVS_2022.dta
32. 01-data/01-source-data/WVS/LEB/MVS2018/WVS_2018.dta
33. 01-data/01-source-data/WVS/MAR/MVS2021/WVS_2021.dta
34. 01-data/01-source-data/WVS/MDV/MVS2021/WVS_2021.dta
35. 01-data/01-source-data/WVS/MEX/MVS2018/WVS_2018.dta
36. 01-data/01-source-data/WVS/MMR/MVS2020/WVS_2020.dta
37. 01-data/01-source-data/WVS/MNG/MVS2021/WVS_2021.dta
38. 01-data/01-source-data/WVS/MYS/MVS2012/WVS_2012.dta
39. 01-data/01-source-data/WVS/MYS/MVS2018/WVS_2018.dta
40. 01-data/01-source-data/WVS/NGA/MVS2018/WVS_2018.dta
41. 01-data/01-source-data/WVS/NIC/MVS2020/WVS_2020.dta
42. 01-data/01-source-data/WVS/NLD/MVS2022/WVS_2022.dta
43. 01-data/01-source-data/WVS/NZL/MVS2020/WVS_2020.dta
44. 01-data/01-source-data/WVS/PAK/MVS2018/WVS_2018.dta
45. 01-data/01-source-data/WVS/PER/MVS2018/WVS_2018.dta
46. 01-data/01-source-data/WVS/PHL/MVS2012/WVS_2012.dta
47. 01-data/01-source-data/WVS/PHL/MVS2019/WVS_2019.dta
48. 01-data/01-source-data/WVS/PRI/MVS2018/WVS_2018.dta
49. 01-data/01-source-data/WVS/ROK/MVS2018/WVS_2018.dta
50. 01-data/01-source-data/WVS/ROM/MVS2018/WVS_2018.dta
51. 01-data/01-source-data/WVS/RUS/MVS2017/WVS_2017.dta
52. 01-data/01-source-data/WVS/SER/MVS2017/WVS_2017.dta
53. 01-data/01-source-data/WVS/SGP/MVS2020/WVS_2020.dta
54. 01-data/01-source-data/WVS/THA/MVS2013/WVS_2013.dta
55. 01-data/01-source-data/WVS/THA/MVS2018/WVS_2018.dta
56. 01-data/01-source-data/WVS/TUN/MVS2019/WVS_2019.dta

- 57. 01-data/01-source-data/WVS/TUR/MVS2018/WVS_2018.dta
- 58. 01-data/01-source-data/WVS/TWN/MVS2019/WVS_2019.dta
- 59. 01-data/01-source-data/WVS/UKR/MVS2020/WVS_2020.dta
- 60. 01-data/01-source-data/WVS/URY/MVS2022/WVS_2022.dta
- 61. 01-data/01-source-data/WVS/USA/MVS2017/WVS_2017.dta
- 62. 01-data/01-source-data/WVS/VEN/MVS2021/WVS_2021.dta
- 63. 01-data/01-source-data/WVS/VNM/MVS2020/WVS_2020.dta
- 64. 01-data/01-source-data/WVS/ZWE/MVS2020/WVS_2020.dta

Intermediate Output

The code also saves intermediate outputs to subfolders located in “...\01-data\02-output-data”

Final Output

All figures and tables used in the paper are generated by the code and consolidated into five files, all in the “**03-results**” folder: Figures_Tables_G1.xlsx, Figures_Tables_G2.xlsx, Figures_Tables_G3.xlsx, Figures_Tables_G4.xlsx, Regressions_FLFP.xml