

To have it all? Career and family of college-graduate women in an emerging economy

Replication package README

Contents

1. [Overview](#)
2. [Data Availability](#)
3. [Instructions for Replicators](#)
4. [List of Exhibits](#)
5. [Requirements](#)
6. [Code Description](#)
7. [Folder Structure](#)

Overview

This replication package contains all data (raw, processed, and final), Stata code, and output files required to reproduce the analyses and figures in “To have it all? Career and family of college-graduate women in an emerging economy.” The package is organized into three main components: a comprehensive Data folder covering IFLS, Sakernas, Susenas, WVS, and WDI sources; a Code folder with modular Stata do-files for data preparation, visualization, and estimation; and folders for generated figures and logs.

Replicators should begin by ensuring access to restricted datasets (notably Sakernas and Susenas, which must be purchased from Statistics Indonesia), installing the required Stata user-written commands, and then setting the local directory path in the master script. Running the single entry-point file 0 master.do executes all steps sequentially—from data preparation through final outputs—enabling one-click replication on a machine with sufficient memory and processing capacity

Data Availability

Data Sources

The following table summarizes the data sources and availability.

Data	Source	Availability	Description	Citation
Sakernas 1986-2023 (all available rounds in each year)	Statistics Indonesia (BPS)	No data can be made publicly available. Access only by purchase from BPS	Indonesia's nationally representative labor force survey. Sakernas is collected twice a year by the national statistics office. It is designed to closely monitor labor market dynamics. It contains granular information about employment, including the type of work and work hours.	Badan Pusat Statistik Indonesia. 1986-2023. "Survei Ketenagakerjaan Nasional [dataset]," Accessed via BPS [distributor], 2024-06-10.
Susenas 2023 March round	Statistics Indonesia (BPS)	No data can be made publicly available. Access only by purchase from BPS.	Indonesia's nationally representative socioeconomic survey. Susenas is also collected twice a year by the national statistics office, and is intended to capture broader demographic and socioeconomic	Badan Pusat Statistik Indonesia. 2023. "Survei Sosioekonomi Nasional [dataset]," Accessed via BPS [distributor], 2024-06-10.

			indicators, such as fertility, migration, consumption, and poverty.	
IFLS: Wave 1 (1993), Wave 2 (1997), Wave 3 (2000), Wave 4 (2007), Wave 5 (2014)	https://www.rand.org/health/surveys/FLS/IFLS/access.html	All data are publicly available. You must provide your email address before you can obtain the download link.	The Indonesia Family Life Survey (IFLS) is a longitudinal survey that has tracked the same households (and their splits) since its first wave in 1993. There have been four follow-up surveys in 1997, 2000, 2007, and 2014. IFLS contains abundant, detailed information about households and individuals across various aspects of their lives.	• IFLS1: Frankenberg, E. and L. Karoly. "The 1993 Indonesian Family Life Survey: Overview and Field Report." November, 1995. RAND. DRU-1195/1-NICHD/AID • IFLS2: Frankenberg, E. and D. Thomas. "The Indonesia Family Life Survey (IFLS): Study Design and Results from Waves 1 and 2". March, 2000. DRU-2238/1-NIA/NICHD • IFLS3: Strauss, J., K. Beegle, B. Sikoki, A. Dwiyanto, Y. Herawati and F.

				Witoelar. "The Third Wave of the Indonesia Family Life Survey (IFLS3): Overview and Field Report". March 2004. WR-144/1-NIA/NICHD • IFLS4: Strauss, J., F. Witoelar, B. Sikoki and AM Wattie. "The Fourth Wave of the Indonesia Family Life Survey (IFLS4): Overview and Field Report". April 2009. WR-675/1-NIA/NICHD • IFLS5: Strauss, J., F. Witoelar, and B. Sikoki. "The Fifth Wave of the Indonesia Family Life Survey (IFLS5): Overview and Field Report". March 2016. WR-1143/1-NIA/NICHD
WVS: Wave 4 (2001),	https://www.worldval	All data are publicly	WVS is a cross-country	• WVS4: Inglehart,

Wave 5 (2006), Wave 7 (2018)	uessurvey.org/WVSCo ntents.jsp	available.	survey about people's views and beliefs on a wide range of topics, including politics, culture, religion, and family.	R., C. Haerpfer, A. Moreno, C. Welzel, K. Kizilova, J. Diez-Medrano, M. Lagos, P. Norris, E. Ponarin & B. Puranen et al. (eds.). 2018. World Values Survey: Round Four - Country-Pooled Datafile. Madrid, Spain & Vienna, Austria: JD Systems Institute & WVSA Secretariat. doi.org/10.14281/18241.6 WVS5: Inglehart, R., C. Haerpfer, A. Moreno, C. Welzel, K. Kizilova, J. Diez-Medrano, M. Lagos, P. Norris, E. Ponarin & B. Puranen et al. (eds.). 2018. World Values Survey: Round Five - Country-Pooled Datafile. Madrid,
------------------------------	-----------------------------------	------------	--	--

				Spain & Vienna, Austria: JD Systems Institute & WVSA Secretariat. doi.org/10.14281/18241.7 WVS7: Haerpfer, C., Inglehart, R., Moreno, A., Welzel, C., Kizilova, K., Diez-Medrano J., M. Lagos, P. Norris, E. Ponarin & B. Puranen et al. (eds.). 2020. World Values Survey: Round Seven – Country-Pooled Datafile. Madrid, Spain & Vienna, Austria: JD Systems Institute & WVSA Secretariat. doi.org/10.14281/18241.1
World Development Indicators	https://databank.worldbank.org/source/world-development-	All data are publicly available.	World Development Indicators (WDI) is the primary World Bank collection of	World Bank. 1960-2023. "World Development Indicator [dataset]," Retrieved

	indicators		development indicators, compiled from officially recognized international sources. It presents the most current and accurate global development data available, and includes national, regional and global estimates.	from World Bank [distributor], 2024-06-10.
--	------------	--	---	--

The following table provides detailed information about each raw dataset.

File name	File path	Source	URL	Access year	Note
Occupation Code.xlsx	1 Data\1 Raw\1 IFLS\IFLS Occupation Code	Provided by Daniel Halim (World Bank)		2024	
buk3ba8.dta	1 Data\1 Raw\1 IFLS\IFLS1	IFLS Wave 1	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
buk3dl1.dta	1 Data\1 Raw\1 IFLS\IFLS1	IFLS Wave 1	https://www.rand.org/health/surveys/FLS/IFLS/access	2024	Exact file name as shown on the source website

			.html		
buk3kw2.dta	1 Data\1 Raw\1 IFLS\IFLS1	IFLS Wave 1	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
buk3s3a.dta	1 Data\1 Raw\1 IFLS\IFLS1	IFLS Wave 1	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
buk3tk1.dta	1 Data\1 Raw\1 IFLS\IFLS1	IFLS Wave 1	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
buk3tk2.dta	1 Data\1 Raw\1 IFLS\IFLS1	IFLS Wave 1	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
buk3tk3.dta	1 Data\1 Raw\1 IFLS\IFLS1	IFLS Wave 1	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
buk3tk5.dta	1 Data\1 Raw\1 IFLS\IFLS1	IFLS Wave 1	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website

			.html		
buk4br1.dta	1 Data\1 Raw\1 IFLS\IFLS1	IFLS Wave 1	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
buk4ch1.dta	1 Data\1 Raw\1 IFLS\IFLS1	IFLS Wave 1	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
buk4kw2.dta	1 Data\1 Raw\1 IFLS\IFLS1	IFLS Wave 1	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
buk5se5.dta	1 Data\1 Raw\1 IFLS\IFLS1	IFLS Wave 1	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
bukkar2.dta	1 Data\1 Raw\1 IFLS\IFLS1	IFLS Wave 1	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b3a_cov.dta	1 Data\1 Raw\1 IFLS\IFLS2	IFLS Wave 2	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website

			.html		
b3a_dl1.dta	1 Data\1 Raw\1 IFLS\IFLS2	IFLS Wave 2	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b3a_kw3.dta	1 Data\1 Raw\1 IFLS\IFLS2	IFLS Wave 2	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b3a_tk1.dta	1 Data\1 Raw\1 IFLS\IFLS2	IFLS Wave 2	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b3a_tk2.dta	1 Data\1 Raw\1 IFLS\IFLS2	IFLS Wave 2	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b3a_tk3.dta	1 Data\1 Raw\1 IFLS\IFLS2	IFLS Wave 2	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b3a_tk4.dta	1 Data\1 Raw\1 IFLS\IFLS2	IFLS Wave 2	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website

			.html		
b3b_ba6.dta	1 Data\1 Raw\1 IFLS\IFLS2	IFLS Wave 2	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b4_br.dta	1 Data\1 Raw\1 IFLS\IFLS2	IFLS Wave 2	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b4_ch1.dta	1 Data\1 Raw\1 IFLS\IFLS2	IFLS Wave 2	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b4_kw2.dta	1 Data\1 Raw\1 IFLS\IFLS2	IFLS Wave 2	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b5_cov.dta	1 Data\1 Raw\1 IFLS\IFLS2	IFLS Wave 2	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
bk_ar1.dta	1 Data\1 Raw\1 IFLS\IFLS2	IFLS Wave 2	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website

			.html		
b3a_cov.dta	1 Data\1 Raw\1 IFLS\IFLS3	IFLS Wave 3	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b3a_dl1.dta	1 Data\1 Raw\1 IFLS\IFLS3	IFLS Wave 3	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b3a_kw3.dta	1 Data\1 Raw\1 IFLS\IFLS3	IFLS Wave 3	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b3a_tk1.dta	1 Data\1 Raw\1 IFLS\IFLS3	IFLS Wave 3	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b3a_tk2.dta	1 Data\1 Raw\1 IFLS\IFLS3	IFLS Wave 3	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b3a_tk3.dta	1 Data\1 Raw\1 IFLS\IFLS3	IFLS Wave 3	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website

			.html		
b3a_tk4.dta	1 Data\1 Raw\1 IFLS\IFLS3	IFLS Wave 3	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b3b_ba6.dta	1 Data\1 Raw\1 IFLS\IFLS3	IFLS Wave 3	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b4_br.dta	1 Data\1 Raw\1 IFLS\IFLS3	IFLS Wave 3	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b4_ch1.dta	1 Data\1 Raw\1 IFLS\IFLS3	IFLS Wave 3	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b4_kw3.dta	1 Data\1 Raw\1 IFLS\IFLS3	IFLS Wave 3	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b5_cov.dta	1 Data\1 Raw\1 IFLS\IFLS3	IFLS Wave 3	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website

			.html		
bk_ar1.dta	1 Data\1 Raw\1 IFLS\IFLS3	IFLS Wave 3	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b3a_cov.dta	1 Data\1 Raw\1 IFLS\IFLS4	IFLS Wave 4	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b3a_dl1.dta	1 Data\1 Raw\1 IFLS\IFLS4	IFLS Wave 4	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b3a_kw3.dta	1 Data\1 Raw\1 IFLS\IFLS4	IFLS Wave 4	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b3a_tk1.dta	1 Data\1 Raw\1 IFLS\IFLS4	IFLS Wave 4	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b3a_tk2.dta	1 Data\1 Raw\1 IFLS\IFLS4	IFLS Wave 4	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website

			.html		
b3a_tk3.dta	1 Data\1 Raw\1 IFLS\IFLS4	IFLS Wave 4	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b3a_tk4.dta	1 Data\1 Raw\1 IFLS\IFLS4	IFLS Wave 4	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b3b_ba6.dta	1 Data\1 Raw\1 IFLS\IFLS4	IFLS Wave 4	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b4_br.dta	1 Data\1 Raw\1 IFLS\IFLS4	IFLS Wave 4	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b4_ch1.dta	1 Data\1 Raw\1 IFLS\IFLS4	IFLS Wave 4	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b4_kw2.dta	1 Data\1 Raw\1 IFLS\IFLS4	IFLS Wave 4	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website

			.html		
b5_cov.dta	1 Data\1 Raw\1 IFLS\IFLS4	IFLS Wave 4	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
bk_ar1.dta	1 Data\1 Raw\1 IFLS\IFLS4	IFLS Wave 4	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b3a_cov.dta	1 Data\1 Raw\1 IFLS\IFLS5	IFLS Wave 5	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b3a_dl1.dta	1 Data\1 Raw\1 IFLS\IFLS5	IFLS Wave 5	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b3a_kw3.dta	1 Data\1 Raw\1 IFLS\IFLS5	IFLS Wave 5	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b3a_tk1.dta	1 Data\1 Raw\1 IFLS\IFLS5	IFLS Wave 5	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website

			.html		
b3a_tk2.dta	1 Data\1 Raw\1 IFLS\IFLS5	IFLS Wave 5	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b3a_tk3.dta	1 Data\1 Raw\1 IFLS\IFLS5	IFLS Wave 5	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b3a_tk4.dta	1 Data\1 Raw\1 IFLS\IFLS5	IFLS Wave 5	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b3b_ba6.dta	1 Data\1 Raw\1 IFLS\IFLS5	IFLS Wave 5	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b4_br.dta	1 Data\1 Raw\1 IFLS\IFLS5	IFLS Wave 5	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b4_ch1.dta	1 Data\1 Raw\1 IFLS\IFLS5	IFLS Wave 5	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website

			.html		
b4_kw3.dta	1 Data\1 Raw\1 IFLS\IFLS5	IFLS Wave 5	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
b5_cov.dta	1 Data\1 Raw\1 IFLS\IFLS5	IFLS Wave 5	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
bk_ar1.dta	1 Data\1 Raw\1 IFLS\IFLS5	IFLS Wave 5	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
ptrack.dta	1 Data\1 Raw\1 IFLS\IFLS5	IFLS Wave 5	https://www.rand.org/health/surveys/FLS/IFLS/access.html	2024	Exact file name as shown on the source website
occode concordance.xlsx	1 Data\1 Raw\2 Sakernas\Occupati on Code	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Manually constructed based on various documentations from the BPS Silastik website
sak1986.dta	1 Data\1 Raw\2 Sakernas\Sakerna	Sakernas	https://silastik.bps.go.id/v3/index.php	2024	Data not available publicly. Must

	s 1986		p/site/login/		purchase from BPS via the Silastik website.
sak1987.dta	1 Data\1 Raw\2 Sakernas\Sakernas 1987	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak1988.dta	1 Data\1 Raw\2 Sakernas\Sakernas 1988	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak1989.dta	1 Data\1 Raw\2 Sakernas\Sakernas 1989	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak1990.dta	1 Data\1 Raw\2 Sakernas\Sakernas 1990	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak1991.dta	1 Data\1 Raw\2 Sakernas\Sakernas	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.

	s 1991		p/site/login/		via the Silastik website.
sak1992.dta	1 Data\1 Raw\2 Sakernas\Sakernas 1992	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak1993.dta	1 Data\1 Raw\2 Sakernas\Sakernas 1993	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak1994.dta	1 Data\1 Raw\2 Sakernas\Sakernas 1994	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak1995.dta	1 Data\1 Raw\2 Sakernas\Sakernas 1995	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak1996.dta	1 Data\1 Raw\2 Sakernas\Sakernas 1996	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik

					website.
sak1997.dta	1 Data\1 Raw\2 Sakernas\Sakernas 1997	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak1998.dta	1 Data\1 Raw\2 Sakernas\Sakernas 1998	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak1999.dta	1 Data\1 Raw\2 Sakernas\Sakernas 1999	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2000.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2000	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2001.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2001	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik

					website.
sak2002.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2002	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2003.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2003	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2004.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2004	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2005-1.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2005-1	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2005-2.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2005-2	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik

					website.
sak2006-1.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2006-1	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2006-2.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2006-2	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2007-1.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2007-1	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2007-2.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2007-2	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2008-1.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2008-1	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik

					website.
sak2008-2.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2008-2	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2009-1.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2009-1	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2009-2.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2009-2	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2010-1.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2010-1	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2010-2.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2010-2	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik

					website.
sak2011-1.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2011-1	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2011-2.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2011-2	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2012-1.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2012-1	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2012-2.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2012-2	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2013-1.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2013-1	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik

					website.
sak2013-2.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2013-2	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2013-3.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2013-3	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2014-1.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2014-1	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2014-2.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2014-2	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2014-3.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2014-3	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik

					website.
sak2015-1.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2015-1	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2015-2.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2015-2	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2016-1.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2016-1	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2016-2.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2016-2	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2017-1.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2017-1	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik

					website.
sak2017-2.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2017-2	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2018-1.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2018-1	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2018-2.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2018-2	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2019-1.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2019-1	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2019-2.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2019-2	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik

					website.
sak2020-1.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2020-1	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2020-2.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2020-2	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2021-1.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2021-1	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2021-2.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2021-2	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2022-1.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2022-1	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik

					website.
sak2022-2.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2022-2	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2023-1.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2023-1	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
sak2023-2.dta	1 Data\1 Raw\2 Sakernas\Sakernas 2023-2	Sakernas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
kor23ind.dta	1 Data\1 Raw\3 Susenas\sus2023	Susenas	https://silastik.bps.go.id/v3/index.php/site/login/	2024	Data not available publicly. Must purchase from BPS via the Silastik website.
wvs4-all	1 Data\1 Raw\6 WVS	WVS Wave 4	https://www.worldvaluessurvey.org/WVSDocumentationWV4.jsp	2024	Download the ZIP file: WV4 Data stata v20201117.zip

					Original name of the file from the website: WV4_Data_stata_v20201117.dtaWV4_Data_stata_v20201117.dta
wvs5-all	1 Data\1 Raw\6 WVS	WVS Wave 5	https://www.worldvaluessurvey.org/WVSDocumentationWV5.jsp	2024	Download the ZIP file: WV5 Data Stata v20180912 Original name of the file from the website:
wvs7-all	1 Data\1 Raw\6 WVS	WVS Wave 7	https://www.worldvaluessurvey.org/WVSDocumentationWV7.jsp	2024	Download the ZIP file: WVS Cross-National Wave 7 stata v6 0.zip Original name of the file from the website:
wdi_tertiaryeduc.xlsx	1 Data\1 Raw\8 WDI	WDI	https://databank.worldbank.org/source/world-development-indicators	2024	Country: Indonesia Series: - School enrollment, tertiary, female (%)

					gross) - School enrollment, tertiary, female (% gross) Time: 1960 - 2023
--	--	--	--	--	--

Statement about Rights

I certify that the author(s) of the manuscript have legitimate access to and permission to use the data used in this manuscript.

Instructions for Replicators

All data are available in the subfolder “1 Data” within the replication package. All codes are available in the “2 Code” subfolder. For one-click replication, the replicator only needs to adjust the directory path to the replication folder in line 17 of the script “0 master.do”. The script “0 master.do” also includes instructions for installing user-written commands before running the entire package in lines 10-14.

List of Exhibits

Exhibit name	Output filename	Script	Output path
Figure 1	sak-ed4-unmar1-line.png	2 sak-data visualization.do	3 Figures/2 Sakernas
Figure 2	sak-ed4-labforce3.png	2 sak-data visualization.do	3 Figures/2 Sakernas
Figure 3	sak-ed4-labforce-marstat-sex2.png	2 sak-data visualization.do	3 Figures/2 Sakernas
Figure 4	sus-colgrad-agfstmar.png	2 sus-data visualization.do	3 Figures/4 Susenas
Figure 5	sak-ed4-sex2-reg-labforce-bthgrp5-provid.png	3 sak-estimations	3 Figures/2 Sakernas
Figure 6	ifls-ggroupp.png	2 ifls-data visualization.do	3 Figures/1 IFLS
Figure 7	sak-ed4-tdhs2-line.png	2 sak-data visualization.do	3 Figures/2 Sakernas
Figure 8	sak-ed4-tdhs1-marstat-sex2.png	2 sak-data visualization.do	3 Figures/2 Sakernas
Figure 9	sak-ed4-sex2-reg-tdhs-bthgrp5-provid.png	3 sak-estimations	3 Figures/2 Sakernas
Figure 10	wvs-equality-genpop-ID	2 wvs-data visualization.do	3 Figures/3 WVS
Figure 11	wvs-gsn4-genpop-ID	2 wvs-data visualization.do	3 Figures/3 WVS
Table A1	Manual input	Manual calculation	Directly in the manuscript
Figure A1	wdi-tertiaryenrollment.png	2 wdi-data visualization.do	3 Figures

Exhibit name	Output filename	Script	Output path
Figure A2	wvs-marncchild-ops-idn.png	2 wvs-data visualization.do	3 Figures/3 WVS
Figure B1	sak-ed4-unmar2-line.png	2 sak-data visualization.do	3 Figures/2 Sakernas
Figure B2	sak-ed4-unmar_labforce1-line.png	2 sak-data visualization.do	3 Figures/2 Sakernas
Figure B3	sak-ed4-unmar1-line-alt1.png	2 sak-data visualization.do	3 Figures/2 Sakernas
Figure B4	sak-ed4-unmar1-line-alt2.png	2 sak-data visualization.do	3 Figures/2 Sakernas
Figure B5	sak-ed4-labforce4.png	2 sak-data visualization.do	3 Figures/2 Sakernas
Figure B6	sus-hsgrad-agfstmar.png	2 sus-data visualization.do	3 Figures/4 Susenas
Figure C1	sak-ed4-sex2-mlogit-labforce_marst- bthgrp5-provid.png	3 sak-estimations	3 Figures/2 Sakernas
Figure C2	sak-ed4-sex2-reg-wpw-bthgrp5- provid.png	3 sak-estimations	3 Figures/2 Sakernas
Figure D1	sak-ed4-occlas-emptyp.png	2 sak-data visualization.do	3 Figures/2 Sakernas
Figure D2A	sak-ed4-occlas2-female.png	2 sak-data visualization.do	3 Figures/2 Sakernas
Figure D2B	sak-ed4-earnsumr2-line.png	2 sak-data visualization.do	3 Figures/2 Sakernas
Figure D3	ifls-colgrad-jobfam.png	2 ifls-data visualization.do	3 Figures/1 IFLS
Figure D4	sak-ed4-mar_emptyp_2-sex2.png	2 sak-data visualization.do	3 Figures/2 Sakernas
Figure D5	sak-ed4-mar_emptyp_3-sex2.png	2 sak-data visualization.do	3 Figures/2 Sakernas
Figure D6	sak-ed4-sex2-reg-emptyp_2- bthgrp5-provid.png	3 sak-estimations	3 Figures/2 Sakernas
Figure D7	sak-ed4-sex2-reg-emptyp_3- bthgrp5-provid.png	3 sak-estimations	3 Figures/2 Sakernas
Figure E1	wvs-equality-colgrad-ID.png	2 wvs-data visualization.do	3 Figures/3 WVS
Figure E2	wvs-gsn4-colgrad-ID.png	2 wvs-data visualization.do	3 Figures/3 WVS

Requirements

Computational Requirements

Given the large sample size, we recommend using a machine with a processor equivalent to an i7 and at least 16 GB of RAM.

Software Requirements

Running this replication package requires only Stata, preferably version 16 or later. As instructed in the “0 master.do” script, three user-written commands must be installed before running the entire package. They are:

- schemepack
- blindschemes
- labvars

The instructions for installing them are available in the “0 master.do” script, lines 10-14.

Memory, Runtime, and Storage Requirements

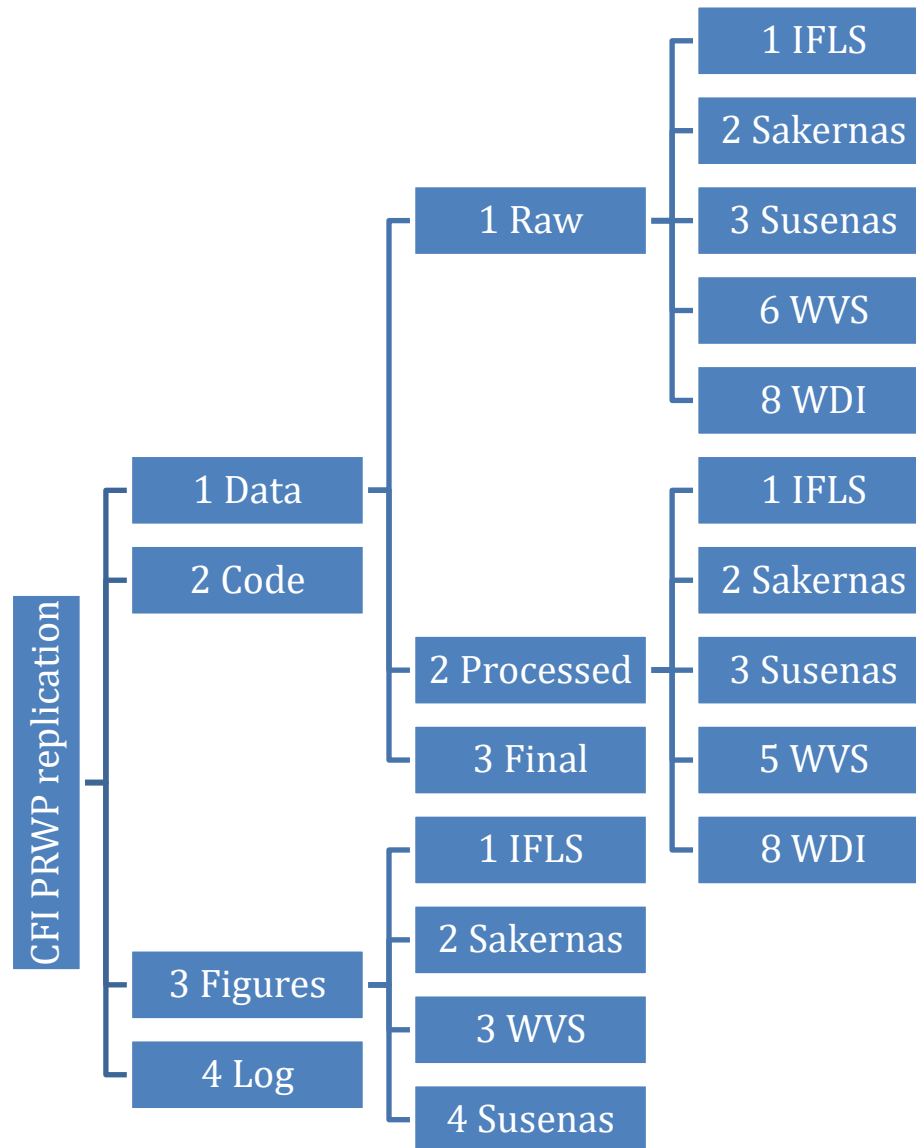
- Total replication package file size: 14.5 GB (unzipped)
- Total runtime of running the entire package: 96 minutes

Code Description

Code	Purpose
Path: CFI PRWP replication\2 Code	
0 master	• Sets directory and file paths • Runs all the other do-files
1 ifls-data preparation	• Prepare IFLS data for analysis
1 sak-data preparation	• Prepare Sakernas data for analysis
1 wvs-data preparation	• Prepare WVS data for analysis
2 ifls-data visualization	• Create graphs using IFLS data
2 sak-data visualization	• Create graphs using Sakernas data

2 sus-data visualization	• Create graphs using Susenas data
2 wdi-data visualization	• Create graphs using WDI data
2 wvs-data visualization	• Create graphs using WVS data
3 sak-estimations	• Run regressions using Sakernas data

Folder Structure



Further breakdown of several subfolders:

- CFI PRWP replication\1 Data\1 Raw
 - 1 IFLS
 - IFLS Occupation Code
 - IFLS1
 - IFLS2
 - IFLS3
 - IFLS4
 - IFLS5
 - 2 Sakernas
 - Occupation Code
 - Sakernas 1986
 - Sakernas 1987
 - Sakernas 1988
 - Sakernas 1989
 - Sakernas 1990
 - Sakernas 1991
 - Sakernas 1992
 - Sakernas 1993
 - Sakernas 1994
 - Sakernas 1995
 - Sakernas 1996
 - Sakernas 1997
 - Sakernas 1998
 - Sakernas 1999
 - Sakernas 2000
 - Sakernas 2001
 - Sakernas 2002

- Sakernas 2003
- Sakernas 2004
- Sakernas 2005-1
- Sakernas 2005-2
- Sakernas 2006-1
- Sakernas 2006-2
- Sakernas 2007-1
- Sakernas 2007-2
- Sakernas 2008-1
- Sakernas 2008-2
- Sakernas 2009-1
- Sakernas 2009-2
- Sakernas 2010-1
- Sakernas 2010-2
- Sakernas 2011-1
- Sakernas 2011-2
- Sakernas 2012-1
- Sakernas 2012-2
- Sakernas 2013-1
- Sakernas 2013-2
- Sakernas 2013-3
- Sakernas 2014-1
- Sakernas 2014-2
- Sakernas 2014-3
- Sakernas 2015-1
- Sakernas 2015-2
- Sakernas 2016-1
- Sakernas 2016-2

- Sakernas 2017-1
- Sakernas 2017-2
- Sakernas 2018-1
- Sakernas 2018-2
- Sakernas 2019-1
- Sakernas 2019-2
- Sakernas 2020-1
- Sakernas 2020-2
- Sakernas 2021-1
- Sakernas 2021-2
- Sakernas 2022-1
- Sakernas 2022-2
- Sakernas 2023-1
- Sakernas 2023-2