

Overview

This package contains all code required to replicate the exhibits for the paper "**Workplace versus Community Childcare: Evidence from Uganda**," by Jacklyn Arinaitwe, George Bogere, Anna Fiore, Sylvan Herskowitz, Megan Lang, Francis Mwesigye, and Tracy Nalumansi.

The code folder contains all of the .do files necessary to clean the raw data, structure it to suit the analyses in the paper, carry out the analyses in the paper, and produce all exhibits in the paper. The only exception are exhibits about cost and budget, which we do not consider to be analytical work. The data folder contains a subfolder for raw data, which is where raw data should be stored. Replicators can replicate everything by running "**00_master.do**".

Data Availability

This section will outline where and how the data supporting the findings of the study can be accessed and used. This is crucial, especially for replicating the results, as only the same data will be able to produce consistent results. Make sure to list all the datasets used and categorize them as follows:

- [x] All data are publicly available.
- [] Some data cannot be made publicly available.
- [] No data can be made publicly available.

Data Sources

All data come from primary data collection. This took two forms. The first, used for nearly all results in the paper, were surveys conducted with women who were part of the experiment, which happened at baseline, midline, and endline. The second is information about the childcare centers, which was collected separately.

All raw data can be accessed at [UPDATE WITH URL HERE](#). All data are under a CC BY 4.0 license. All data should be cited as "*Arinaitwe, Jacklyn, George Bogere, Anna Fiore, Sylvan Herskowitz, Megan Lang, Francis Mwesigye, and Tracy Nalumansi (2026). Replication data for `Workplace or Community-Based Childcare: Testing Childcare Models for Ugandan*

Market Women. [Specify dataset]. Version 1.0. World Bank Microdata Library. [Insert DOI when ready]."

- Filename 1: **Centers_info_WIDE.csv**

- **Source:** Primary data collection.

- **Access date:** Oct. 2023

- **URL:** FORTHCOMING

- Filename 2: **grow_baseline_phase1_raw_deid.dta**

- **Source:** Primary data collection

- **Access date:** Feb. 2023

- **URL:** FORTHCOMING

- Filename 3: **grow_midline_phase1_raw_deid.dta**

- **Source:** Primary data collection

- **Access date:** Nov. 2023

- **URL:** FORTHCOMING

- **Filename 4:** **grow_endline_phase1_raw_deid.dta**

- **Source:** Primary data collection

- **Access date:** May 2024

- **URL:** FORTHCOMING

Statement about Rights

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

- [x] I certify that the author(s) of the manuscript have documented permission to redistribute/publish the data contained within this replication package. Appropriate permission are documented in the LICENSE.txt file.

Instructions for Replicators

New users should follow these steps to run the package successfully:

- Download all listed data files. Save in the data/raw folder.
- Open `00\_master.do` directly from the code folder. Doing so will ensure that all relative filepaths are already set.
- Ensure all required software and dependencies are installed as listed in the [Requirements](#requirements) section.
- Run the `00\_master.do` file.

List of Exhibits

The provided code reproduces all tables and figures in the paper and the supplemental appendix.

Exhibit name	Output filename	Script	Note
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Table 1	center_summary_stats.tex	02_center_info.do (line 132)	
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Table 2	women_respondents_balance.tex	07_setup_and_balance.do (line 137)	
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Table 3	takeup.tex	09_main_tables.do (line 150)	
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Table 4	child_outcomes_updated.tex	09_main_tables.do (line 726)	
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Table 5	w_outcomes_updated.tex	09_main_tables.do (line 415)	
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Figure 1	midline_pooled_results_LATES.png	10_figures.do (line 464)	
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Figure 2	heterogeneity_2_3.png, heterogeneity_2_3_LATES.png	10_figures.do (line 168, 602)	
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Figure 3	takeup_market.png, takeup_community.png	10_figures.do (line 46)	
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Table 6	w_outcomes_split.tex	09_main_tables.do (line 450)	
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| Figure 4 | `midline_vs_endline.png` | `10_figures.do` (line 313) | |

| Table A1 | `women_full_balance.tex` | `07_setup_and_balance.do` (line 126) | |

| Table A2 | `w_detailed_timeuse_LATE_1.tex` | `11_appendix_tables.do` (line 144) | |

| Table A3 | `economic_outcomes_LATE_1.tex` | `11_appendix_tables.do` (line 301) | |

| Table A4 | `w_detailed_wellbeing_LATE_1.tex` | `11_appendix_tables.do` (line 463) | |

| Figure A1 | `heterogeneity_4_5.png`, `heterogeneity_4_5_LATES.png` | `10_figures.do` (line 168, 602) | |

| Figure A2 | `heterogeneity_6_7.png`, `heterogeneity_6_7_LATES.png` | `10_figures.do` (line 168, 602) | |

| Figure A3 | `heterogeneity_8_9.png`, `heterogeneity_8_9_LATES.png` | `10_figures.do` (line 168, 602) | |

| Figure A4 | `heterogeneity_16_17.png`, `heterogeneity_16_17_LATES.png` | `10_figures.do` (line 168, 602) | |

Requirements

Software Requirements

- ****Stata version 18****
- `estout`
- `labutil`
- `fre`
- `egenmore`
- `lassopack`
- `pdslasso`

Memory and Runtime and Storage Requirements

214KB memory required for reliable computation. Runtime is 15 minutes.

Code Description

- 00_master.do installs necessary packages and executes all other .do files.
- 01_import_centers_info.do reads in data on childcare centers and prepares it for analysis.
- 02+center_info.do creates a table of summary statistics for the childcare centers.
- 03_bl_cleaning.do, 04_ml_cleaning.do, and 05_el_cleaning.do clean the baseline, midline, and endline survey data, respectively.
- 06_construction.do creates the dataset needed to conduct all analysis and creates the alternative versions of the datasets needed for Lee and Fairlie bounds.
- 07_setup_and_balance.do defines globals for the analysis and creates balance tables.
- 08_multiple_hypothesis.do uses the Benjamini et al. (2006) step-down procedure to calculate q-values to control the false discovery rate within pre-specified families of outcomes.
- 09_main_tables.do creates the tables in the main paper.
- 10_figures.do creates all figures in the main paper and supplemental appendix.
- 11_appendix_tables.do creates all tables in the supplemental appendix.

Folder Structure

Data

├— Raw
├— Intermediate
└— Cleaned

Code

├— 00_master.do
├— 01_import_centers_info.do
├— 02_center_info.do
├— 03_bl_cleaning.do
├— 04_ml_cleaning.do
├— 05_el_cleaning.do

- |— 06_construction.do
- |— 07_setup_and_balance.do
- |— 08_multiple_hypothesis.do
- |— 09_main_tables.do
- |— 10_figures.do
- └─ 11_appendix_tables.do

Outputs

- |— figures
- └─ tables

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