

README IE of the School Meal Programme in Jordan (Worker)

Contents

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

Overview

The code in this replication package relates to the “Impact Evaluation of the School Meal Programme in Jordan”. This package generates the main tables and figures of the children’s design, starting from raw data, deidentifying the study datasets, including the cleaning and construction of indicators, as well as the analysis. The packages includes code in Stata and the replicator should expect the code to run for about 30 minutes.

Data Availability

Data for this study includes administrative data, school monitoring data, and primary collected data. Data collection for the children’s design included a baseline survey, and an endline survey. School monitoring data were collected throughout the year and served to provide food delivery indicators. Administrative data was collected through the Education Management Information System (EMIS) platform and serves as the basis for estimating the impact on attendance. Raw data contain PII and cannot be published.

Datasets

Data Round	Description	Data file	Location	ID variables	Source	To Publish?
Baseline	Main survey for the children.	WFP SBP Jordan Student Baseline Survey_reproduc.dta	DataWork/D ataSets/Raw /Deidentified	student_id, school_id	Survey run by IE team in September 2023	Yes
Baseline	Survey to gauge distribution of consent forms	School feeding-Child survey-Calling progress.dta"	DataWork/D ataSets/Raw /Deidentified	school_id	Survey run by IE team	Yes

Endline	Main survey for the children.	hfcs_child_endline_consent_yes_reproduc.dta	DataWork/D ataSets/Raw /Deidentified	student_id, school_id	Survey run by IE team in May - June 2024	Yes
Random assignment	Treatment status from random assignment	jo_p1_school_random_assignment_cluster_50_kitchen.dta jo_p1_school_random_assignment_cluster_50_kitchen_monitoring.dta	DataWork/D ataSets /Raw/Deidentified	school_id	Randomizato in run by the IE team using data provided by the implementin g partner Data obtained in August 2023	Yes
Monitoring Data	Monitoring data on distributio n of the meals.	School_Checklist_reproduc.dta School_Checklist_Semester2_reproduc	DataWork/D ataSets/Raw /Deidentified /Monitoring	school_id	Data collected by implementin g partner during monitoring of program Data obtained in June 2024	No, implementin g partner has not given permission to publish
Administra tive Data	Administra tive data on enrolment and attendance for the years 2021–2022 and 2022–2023.	attendance 21-22.csv attendance 22-23.csv	DataWork/D ataSets/Raw /Deidentified /AdminData/ Attendance	code, openemis_no	Data received from Ministry of Education Queen Rania Center from EMIS Data System Data obtained in August 2024	No, government data for which we don't have permission to publish
Administra tive Data	Student data 2022–2023	height and weight 2022.xlsx	DataWork/D ataSets/Raw /Deidentified	code, openemis_no	Data received from	No, government data for

			/AdminData/ Height and weight		Ministry of Education Queen Rania Center from EMIS Data System Data obtained in August 2024	which we don't have permission to publish
Administra tive Data	Student data 2021- 2022	1st grade.dta 2nd grade.dta 3rd grade.dta 4th grade.dta 5th grade.dta 6th grade.dta	DataWork/D ataSets/Raw / Deidentified/ AdminData/ students/202 1-2022	code	Data received from Ministry of Education Queen Rania Center from EMIS Data System Data obtained in August 2024	No, government data for which we don't have permission to publish
Administra tive Data	Student data 2022- 2023	g1-world food.dta g2-world food.dta g3-world food.dta g4-world food.dta g5-world food.dta g6-female-world food.dta g6-male-world food.dta	DataWork/D ataSets/Raw /Deidentified /AdminData/ students	code	Data received from Ministry of Education Queen Rania Center from EMIS Data System Data obtained in August 2024	No, government data for which we don't have permission to publish
Administra tive Data	Student 2022-2023 (new)	G1-food-with- openemisid.dta G2-food-with- openemisid.dta G3-food-with- openemisid.dta G4-food-with- openemisid.dta	DataWork/D ataSets/Raw /Deidentified /AdminData/ students/incl udingstudent ID	code	Data received from Ministry of Education Queen Rania Center from EMIS Data System	No, government data for which we don't have permission to publish

		G5-food-with-openemisid.dta			Data obtained in August 2024	
		G6-food-with-openemisid.dta				

Instructions for Replicators

1. Save data files to a folder on your computer (following the folder structure detailed below). The package can also be run using the data from OneDrive School Feeding folder. In this case, you need set the global OneDrive to 1.
2. Open the ChildShortPaper_MasterDofile.do and update the computer's username and paths as described in *PART 1* of ChildShortPaper_MasterDofile.do.
3. You can select which sectors to run by editing the globals in "select sections to run" of the master do-file.
4. Make sure to run the *packages* section to install all necessary packages before running the other sections.
5. Run the main do-file to replicate results.

List of Exhibits

The provided Stata code reproduces all tables and figures stated below.

Exhibit name	Output filename	Script	Note
Table 2: Regression results for nutritional outcomes	table_nutritional_paper.tex	short_paper_exhibits_2025Jully.do	DataWork/Output/Tables/Regs
Table 3: Regression results for physical activity and meal satisfaction	table_behaviors_paper.tex	short_paper_exhibits_2025Jully.do	DataWork/Output/Tables/Regs
Table 4: Regression results for	table_educational_paper.tex	short_paper_exhibits_2025Jully.do	DataWork/Output/Tables/Regs

educational outcomes			
Figure 1: Impacts, Overall and By Gender	Coefplot_MainResults_By_Gender.pdf	Coefplot_MainResults_By_Gender.do	DataWork/Output/Figures
Table 5: Regression results for nutritional outcomes by food group	table_nutritional_paper_byfood.tex	short_paper_exhibits_2025July.do	DataWork/Output/Tables/Regs

Requirements

The paper exhibits were generated with Stata version 16. Required packages are included in the main reproducibility do-file and should be loaded with the `ieboilstart` command included.

Software Requirements

- **Stata version 16.1**
 - ietoolkit
 - iefieldkit
 - distinct
 - icw_index
 - estout
 - coefplot
 - fre
 - carryforward
 - etime
- **R version 4.3.0**

Memory and Runtime and Storage Requirements

The replicator should expect the code to run for about 30 minutes. Approximate storage space needed: 9.5GB.

Code Description

This reproducibility package contains the code necessary to replicate the results shown in the paper. To do so, follow the instructions below:

1. ****Use the ChildShortPaper_MasterDofile.do to replicate the results**** in the `Dofiles` folder. It is only necessary to add your computer's username and path to adjust the default path and set up the working environment to run the replication files. You can select which sections to run by editing the locals. Also, each section has its own master dofile, which can be run individually.
2. Do-files in Dofiles/Import imports the raw data of each round. Each round has its own master do-file which can be run separately.
3. Do-files in Dofiles/Prep deidentifies and prepares the data to be used for analysis.
4. Do-files in Dofiles/Cleaning loads the data, handles missing values, and explores the data.
5. Do-files in Dofiles/Construct creates the variables of interest.
6. Do-files in Dofiles/Analysis generates the main tables and figures used in the report. Outputs will be saved in the `rep-package/outputs` folder.

Folder Structure

Stata code and files:

```
DataSets
├── Raw
│   ├── Monitoring
│   │   └── Semester 1
│   └── AdminData
│       ├── Attendance
│       ├── Height and weight
│       └── students
├── Intermediate
│   ├── AdminData
│   └── CodeBook
└── Final

Dofiles
├── ChildShortPaper_MasterDofile.do
├── GraphFormatting.do
├── Import
│   ├── BaselineChild_import_MasterDofile.do
│   ├── CodeBaseline
│   ├── EndlineChild_import_MasterDofile.do
│   ├── CodeEndline
│   ├── SchoolChecklist_import_MasterDofile.do
│   └── CodeMonitoring
├── Prep
│   ├── Endline_PrepMasterDofile.do
│   └── Code
├── Cleaning
│   ├── Child_cleaning_MasterDofile.do
│   └── Code
├── Construct
│   └── Child_construct_MasterDofile.do
```

```
└─ Code
└─ Analysis
    └─ Child_analysis_MasterDofile.do
    └─ Code
Output
└─ Figures
    └─ Monitoring
└─ Tables
    └─ Monitoring
    └─ Regs
    └─ SumStats
```