

# Exploring the Drivers of Youth Pursuing Vocational Training in High-Paying Sectors in Côte d'Ivoire

This folder contains the reproducibility package for the Working Paper “Exploring the Drivers of Youth Pursuing Vocational Training in High-Paying Sectors in Côte d'Ivoire” by Clara Delavallade, Manil Zenaki, Léa Rouanet, and Estelle Koussoubé.

If you run into any troubles running this code or reproducing results, please contact [mzenaki@worldbank.org](mailto:mzenaki@worldbank.org).

## Overview

This paper relies on two data source:

- Enquête sur le Niveau de Vie des Ménages 2015 (henceforth: ENV 2015 data) which translates to The Household Living Standards Survey 2015 in English.
- Baseline data collected as part of the PRO-Jeunes impact evaluation (henceforth: PRO-Jeunes data)

This readme file describes the attached .do files, and how to replicate the analysis in our paper given access to the data. Below we provide descriptions of each of the two main datasets used in the paper, the ENV 2015 dataset and the PRO-Jeunes dataset. Each description below includes data availability statements, data citations, dataset lists and descriptions. In addition, we describe the code, instructions for replicators, and information about computational requirements.

## Data Availability

### ENV 2015

The raw dataset that we use in our paper to determine which sectors more lucrative (high-paying sectors) and which are male-dominated is the ENV 2015 data. The citation for this data is:

Institut National de la Statistique. Enquête sur le Niveau de Vie des Ménages (ENV) 2015. Ref. CIV\_2015\_ENV\_v01\_M.

The ENV data is a set of 36 files. Only the three following files are used to replicate the paper's results :

- **Section EB.dta**: data on the economic activities carried out by each respondent.
- **Section A.dta**: data on the gender of each respondent and weight to apply to each observation.
- **Section I.dta**: data on the remuneration of each respondent.

## **PRO-Jeunes Data**

The PRO-Jeunes data is a set of 2 files corresponding to baseline data collected on two cohorts as part of an impact evaluation. These files correspond to raw dataset as provided by Innovations for Poverty Action, a research organization that performed the data collection. The only change we have made is the deletion of personal identifiable information. The PRO-Jeunes data is already included in the reproducibility package (WB\_projeune\_paper-replication\_package\_v2\Data\Raw\Pro-Jeunes) and is publicly available.

## **Description of programs/code**

- 0-master.do is the main do-file that calls upon and runs all the other do-files in the reproducibility package
- WB\_projeune\_paper-replication\_package\_v2\Dofiles\Main contains all the dofiles, except for the one that generates Figure A.1
  - Cleaning: folder that contains all the dofiles required for variable creation and cleaning
  - Graphs: folder that contains all the dofiles required to generate the figures that are not in the appendix.
  - Tables: folder that contains all the dofiles required to generate the tables that are not in the appendix.
- WB\_projeune\_paper-replication\_package\_v2\Dofiles\Appendix\Graphs contains the dofile that generates Figure A1 in the Appendix.

## **License for Code**

The code is licensed under a Creative Commons license. See LICENSE for details.

## **Computational requirements**

### **Software Requirements**

- Stata (code was last run with version 16)
  - Egenmore (version 3.4.2)
  - boottest (4.4.7)
  - listtab
  - schemepack (1.1)
  - the program “0-master.do” will install all dependencies locally if the local packages in line 49 is set to 1.

### **Memory and Runtime Requirements**

- The code was last run on a Windows 11 laptop with 16GB of RAM.
- Stata analysis code takes approximately 5 minutes to run.

## **Instructions to Replicators**

The code to reproduce the results included in the working paper. To recreate the outputs, follow the steps below:

1. Download the replication package.

2. Navigate to WB\_projeune\_paper-replication\_package\_v2/Dofiles and open the script 0-master.do.
3. Edit line 26 to reflect the path of the repository copy in your computer.
4. Running the 0.master dofile requires to install some of the user-written packages the code uses. To do so, modify line 53 by replacing 0 with 1.
5. Run the 0.master dofile to create the paper outputs. Note that Figure 1 and Table A.1. are not outputs generated by code.