

# 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 are 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 2015 data is included in the replication package. Access can also be granted following the access policy provided by the International Household Survey Network, which entails requesting data from the National Institute of Statistics of Côte d'Ivoire ([ins.rci.diffusion@gmail.com](mailto:ins.rci.diffusion@gmail.com)).

The ENV data is a set of 3 files:

- **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 the PRO-Jeunes impact evaluation. These files correspond to the raw dataset provided by Innovations for Poverty Action (IPA)<sup>1</sup>, a research organization that collected the data. The only change we have made is to delete personally 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 on the World Bank Microdata library.

## 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 Table 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.

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<sup>1</sup> IPA's contact regarding the PRO-Jeunes data is Delange M. DAGO [ddago@poverty-action.org](mailto:ddago@poverty-action.org)

## Instructions to Replicators

The code to reproduce the results is 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 on your computer.
4. Running the 0.master dofile requires installing 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 Figure 1 and Table A.1. are not outputs generated by code.