

README: Replication files for “Gender Gaps in the Performance of Small Firms: Evidence from Urban Peru,” Bledi Celiku, Diego Ubfal, Martin Valdivia.

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Overview

The code in this replication package constructs all tables and figures in the text and Appendix using Stata. There is one master do file that calls 3 do files to clean the data and generates all tables and figures.

The replicator should expect the master do file to run for less than 2 minutes.

Data Availability and Provenance Statements

This paper uses data from two surveys: the 2022 Informal Sector Enterprise Survey (ISES) and the 2023 Enterprise Survey (ES). Source: World Bank Enterprise Surveys, <http://www.enterprisesurveys.org>.

Data are available in the Enterprise Surveys Website, but it requires login at:

<https://login.enterprisesurveys.org/content/sites/financeandprivatesector/en/signin.html>

Authors are not permitted to transfer datasets downloaded from this site to third parties, as that would violate the terms of the "Data Access Protocol" as agreed when first using any firm-level dataset. The datasets used are specified below.

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.

Summary of availability:

- All data are available and downloadable as explained above.

Data Sources

The project uses 2 datasets, which are described in the following table.

Dataset	File name:	Location:	Description:
1	Peru-2022-ISES-full-data.dta	https://login.enterprisesurveys.org/content/sites/financeandprivatesector/en/library/library-detail.html/content/dam/wbgassetshare/enterprisesurveys/economy/peru/Peru-2022-ISES-full-data.dta	Dataset of the 2022 Informal Sector Enterprise Survey (ISES)
2	Peru-2023-full-data.dta	https://login.enterprisesurveys.org/content/sites/financeandprivatesector/en/library/library-detail.html/content/dam/wbgassetshare/enterprisesurveys/economy/peru/Peru-2023-full-data.dta	Dataset of the 2023 Enterprise Survey (ES)

Computational Requirements

This replication package requires Stata. The analysis was conducted in Stata 18.0 but the code was set to run with Stata version 16.1. Codes were run on a standard Dell Latitude 7440 laptop running Windows 11 with 32GB of installed RAM. Run time was less than 2 minutes.

The Stata do-file will require the following packages and ado file to be installed (commands to install them are included in the master do file and the ado file is provided)

Stata packages: appendfile, reghdfe, oaxaca, rif

External package: grc1leg, from("http://www.stata.com/users/vwiggins")

Ado: texsave.ado

Description of code

All figures and tables in the paper can be generated by running the master do file "0_master.do"

- 0_master.do: runs 3 different do files and one ado file
 - 1_1_indicadores.ises.do. Cleans the ISES data.
 - 1_2_indicadores.es.do. Cleans the ES data.
 - 2_1_analisis.do. Generates all Tables and Figures.
 - texsave.ado. Used to generate custom tables.

Instructions for replicators

- Access data from World Bank Enterprise Survey website (see above)
- Change path file in "0_master.do"
- Run 0_master.do
- Create all relevant folders:
 - 1_data
 - 2_dofiles; and subfolder "ado"
 - 3_graphs
 - 4_tables

Code Locations for Figures and Tables

All Tables and Figures are produced by the file 0_master.do. Tables and Figures are clearly indicated, and appear at the following lines, and stored in the listed output files:

Figure/Table #	Line Number	Output file
Figure 1 Panel A	274	ises_kdens_l_ventas_usd_bysex.pdf
Figure 1 Panel B	274	ises_kdens_l_productividad_usd_bysex.pdf

Figure 1 Panel C	274	ises_kdens_w_ganancias_usd_bysex.pdf
Table 1	302	gender_gap_entrepreneurs.tex
Table 2	373	gender_gap_firms.tex
Table 3	438	gender_gap_reasons.tex
Table 4	1286	es_gender_gap_entrepreneurs_firms.tex
Table 5	487	gender_gap_performance.tex
Table 6	742	kbo_performance.tex
Table 7	1059	ises_rif_op_negocio_l_productividad_usd.tex
Table 8	1363	es_gender_gap_performance.tex
Figure 2 Panel A	810	qreg_raw_gap_w_ventas_usd.pdf
Figure 2 Panel B	810	qreg_raw_gap_l_ventas_usd.pdf
Figure 2 Panel C	810	qreg_raw_gap_w_productividad_usd.pdf
Figure 2 Panel D	810	qreg_raw_gap_l_productividad_usd.pdf
Figure 2 Panel E	810	qreg_raw_gap_w_ganancias_usd.pdf
Figure 3 Panel A	874	ises_rif_op_negocio_l_ventas_usd.pdf
Figure 3 Panel B	874	ises_rif_op_negocio_l_productividad_usd.pdf
Figure 4 Panel A	989	perc_mujer_w_sales.pdf
Figure 4 Panel B	989	perc_mujer_w_productivity.pdf
Figure 4 Panel C	989	perc_mujer_w_profits.pdf
Figure 5 Panel A	1260	kdens_l_ventas_usd_bysurvey.pdf
Figure 5 Panel B	1260	kdens_l_productividad_usd_bysurvey.pdf
Figure 6 Panel A	1422	es_rif_l_sales_usd.pdf
Figure 6 Panel B	1422	es_rif_l_productivity_usd.pdf
Table B1	548	gender_gap_controls.tex
Figure B1	732	gender_gap_controls.pdf