

Reproducibility Package for "Digital Technology, Gender, and Structural Transformation: Evidence from the Mashreq"

Authors: Adeel Tariq (Lahore University of Management Sciences); Gladys Lopez Acevedo (World Bank); Raymond Robertson (Texas A&M University)

Series: World Bank Policy Research Working Papers

Contact: adeel.tariq@lums.edu.pk

This reproducibility package accompanies the paper:

Digital Technology, Gender, and Structural Transformation: Evidence from the Mashreq.

The package reproduces all tables and figures using a single Stata do-file.

DATA AVAILABILITY (RESTRICTED)

This study uses the Digital Gender Gap and Economic Opportunities Survey (DGGEOS), a multi-country household survey implemented by the World Bank to study digital access, labor market outcomes, and gender gaps in economic opportunities in Mashreq countries.

- ****Source:**** World Bank
- ****Access status:**** Restricted (confidential microdata)
- ****Access method:**** Authorized access for research purposes
- ****Data version / access date:**** August 2023
- ****Original file name:**** "20230808 database used for analysis.sav"
- ****URL:**** <https://www.worldbank.org/>

These DGGEOS microdata are NOT publicly available due to confidentiality and data-sharing restrictions. Users interested in accessing this data must contact Salman Zaidi (szaidi5@worldbank.org) to request access.

This reproducibility package does not redistribute the raw data. Reproducibility verification is therefore conducted via a supervised virtual run, in line with PRWP protocols.

Authorized users should place the .sav file in:

- data/raw/

SOFTWARE REQUIREMENTS

Stata: 17 or higher

User-written packages (installed automatically by master.do):

- polychoric - Installed via net install from: <https://staskolenikov.net/stata>
- outreg2 - Installed from SSC (ssc install outreg2)
- catplot - Installed from SSC (ssc install catplot)

HOW TO REPRODUCE

- 1) Place the restricted DGGEOS raw data file in:
data/raw/20230808 database used for analysis.sav
 - 2) Open Stata and set the working directory to the package root:
reproducibility_package/
 - 3) Run:
do code/master.do
- The do-file writes outputs to:
- output/tables/
 - output/figures/
- and a log file to:
- logs/master.log

OUTPUTS-EXHIBIT LINKAGE TABLE

Paper Exhibit	Output File Name	Output Folder	Generated By
Table 1	<i>Not code-generated</i>	<i>N/A</i>	Author-constructed (Word)
Table 2	table_02_summary_stats.docx	output/tables	code/master.do
Figure 1	fig01.png	output/figures	code/master.do
Table 3	table_03_probitwork.doc	output/tables	code/master.do
Table 4	table_04_probitworkgender_digi.doc	output/tables	code/master.do
Table 5	table_05_earnings_reg.doc	output/tables	code/master.do
Table 6	table_06_earnings_reg_gender.doc	output/tables	code/master.do
Figure 2	fig2a.png and fig2b.png	output/figures	code/master.do
Table 7	table_07_safety_count.doc	output/tables	code/master.do
Table 8	table_08.doc	output/tables	code/master.do
Figure 3a	fig3a.png	output/figures	code/master.do
Figure 3b	fig3b.png	output/figures	code/master.do
Figure 4	fig4.png	output/figures	code/master.do
Table 9	table_09_probitremote.doc	output/tables	code/master.do
Table 10	table_10_probitremote_digiskill.doc	output/tables	code/master.do
Table 11	table_11_nbregpurpose.doc	output/tables	code/master.do
Table 12	table_12_prod_int.doc	output/tables	code/master.do
Table 13	table_13_nbregdigiwork.doc	output/tables	code/master.do
Table 14	table_14_digiworkeffects.doc	output/tables	code/master.do
Table 15	table_15_digigap.doc	output/tables	code/master.do