README for the Reproducibility Package for

Digitalization and Inclusive Growth: A Review of the Evidence

Running Instructions

To run the scripts, new users need to change only the directory in line 10 of the "Master_Do-File.do" file.

Data Statement

All data sources are publicly available and included in the reproducibility package.

Dataset	Data files	Accessed in	Data URL	Used in	Additional notes
Eurostat database	EU_data.csv	August 2024	https://ec.europa.eu/eurostat/ data/database	Figure 1	Indicators used: adoption of internet access, website, e-commerce sales, big data, AI, robotics, and 3D printing for firms in the manufacturing sector and all sectors. See below for information on how these were selected from the data URL.
World Bank Open Data	--	August 2024	https://data.worldbank.org/ indicator/	Figure 2, 3A	The data is loaded into Stata directly using the package "wbopendata", no data files are used.
World Bank Enterprise Surveys	WBES_Custom Query.xlsx	June 2024	https://www.enterprisesurveys.org/ en/custom-query	Figure 3A	See below for information on how these were selected from the data URL.
GovTech Dataset (October 2022)	WBG_GovTech Dataset_Oct 2022.xlsx	July 2024	https://datacatalog.worldbank.org/ int/search/dataset/0037889/govtech-dataset	Figure 3B	
World Bank Historical Classification of Countries by Income	OGHIST.xlsx	July 2024	https://datahelpdesk.worldbank.org/ knowledgebase/articles/906519-world-bank-country-and-lending-groups	Figure 3A, 3B	

Data from Eurostat was accessed following these steps:

- In the data URL, select "Detailed dataset" > "Science, technology, digital society" > "Digital economy and society" > "ICT usage in enterprises"
- Then select each of these indicators:
    - Internet: Connection to the internet > Internet access by NACE Rev.2 activity > table icon > EU-27 countries, most recent year, Enterprise where persons employed have access to the internet, 10 persons employed and more, Manufacturing or All activities, annual frequency, percentage of enterprises.
    - Website: Websites and use of social media > Websites and functionalities by NACE... > table icon as above > same selection as above, except here the indicator is "enterprises with a website".
    - E-commerce sales: E-commerce > E-commerce sales by NACE > table icon > same selection, but for indicator "Enterprises with e-ecommerce sales".
    - Big data: E-business > Big data analysis by NACE > table icon > same selection, but for the indicator "Analyse big data internally …".
    - AI: E-business > Artificial intelligence by NACE > table icon > same selection, but for the indicator "Enterprises use at least one of the AI technologies:…".
    - Robotics and 3D printing: E-business > 3D printing and robotics by NACE > table icon > same selection, but for the indicators: "Use industrial or service robots" and "3D printing", respectively.

Data from the Enterprise Surveys was accessed following these steps:

- Section 1 (Choose Economies): select "All".
- Section 2 (Choose Topics): select "Innovation and Technology".
- Section 3 (Choose Subgroups): do not select any option.
- Click "Create report".