

Read me file.

Instructions: Open “Master”, change the directory ending in “/Replication package” and run the code.

/Data Contains the raw files of the Enterprise surveys (ES), Trade in Employment (TiM) 2023, Trade in Value Added (TiVA) 2023 and Trade in employment by characteristics (TIMBC) that are used to create the main datasets for the analysis. It also contains the WDI raw files and Other data files. The information for each raw data file is the following:

- “.../Other Data”: contains other data to merge with the main datasets:
 - “allinone_V9_0620”: Gender Disaggregated Labor Database (GDLD) raw microdata.
 - Availability: Restricted access.
 - Source: : The public version of the GDLD is available on the World Bank website (<https://datatopics.worldbank.org/gdld/>). The underlying raw microdata are no longer downloadable. We accessed the data on March 2025. For access inquiries, please contact Maryla Maliszewska at mmaliszewska@worldbank.org.
 - “/CorrespondanceTIMBC_TIM”:
 - “/countrysnames”: Countries’ full name.
 - Available for download [here](#).
 - Availability: Public.
 - Downloaded on: December 6, 2023.
 - “Income23”:
 - Available for download [here](#). Go to “historical classification by income in XLSX format.”, sheet “Country Analytical History”.
 - Availability: Public.
 - Downloaded on: January 7, 2025.
 - “/Indcode_new_old”: Correspondence table between industry codes.
 - Available for download [here](#). Go to “TiM old versus new codes”, last table.
 - Availability: Public
 - Downloaded on: December 6, 2023.
 - “/isic_v4-tiva2018”: Correspondence table between ISIC code (Rev. 4.0) and TiVA 2018 industry codes.
 - “/isocodes”: Country codes.
 - “/Region”: World Bank region classification.
 - Available [here](#).
 - Availability: Public.
 - “Region_code”: Abbreviation of WB region classification.
 - “/Taxonomy_new_only_final”: GVC taxonomy group by year based on WDR 2020.
 - Available for download [here](#). Go to Chapter 1, download data, then go to “Map 1.1” sheet in “WDR2020_chapter1_data” file.
 - Availability: Public.
 - Downloaded on: August 31, 2022.
 - “/Deflators/WDI_VA_deflators”:Valued added by broad sector- country.
 - Available: [here](#). In the “Variables” tab, go to “Series” and use the codes in each column of the Excel fie to search and add to the selection each variable.
 - Availability: Public.
 - Downloaded on: December 8, 2023.
- “.../TiM2023/Raw files”: Individual csv files by variable.
 - Available for download [here](#) and [here](#).
 - Availability: Public.
 - Downloaded on: December 8, 2023.
- “.../TiVA2023/Raw files”: Individual csv files by variable.

- Available for download [here](#) and [here](#).
- Availability: Public.
- Downloaded on: November 21, 2023.
- “.../ES”:
 - Available for download: [here](#).
 - Firm-Level-TFP-Estimates-and-Factor-Ratios-Data-and-Documentation (version November 11 2024)
 - StandarizedNew2006-2024-core4
 - Availability: Public and included in the package.
 - Downloaded on: January 6, 2025
 - Note: Only the most recent versions of the datasets are available, previous versions are no longer available.

/Code contains 4 do files:

- “Master_GenData” generates the main datasets and other datasets that start from the main one. The datasets created are:
 1. From raw files for ES:
 - Trade_Gender_FINAL24_serv (services)
 - Trade_Gender_FINAL24_isicv4 (manufacturing)
 - Trade_Gender_FINAL24_serv_4desc
 - Trade_Gender_FINAL24_isicv4_4desc
 2. From raw files for TIM and TiVA 2023:
 - OECD_TIM_2023_TiVa_2023_country
 3. From raw files for TiMBC:
 - TiMBC_data
 - TiMBC_4regs

It also generates other dataset to merge with the ES main datasets: “Other Data/wageRatioISIC4_allSectors”

- “sector_deflators” creates the country and sector deflators used to compute real variables at different levels of disaggregation. It is called at the start of “Master_GenData”.
- “Database_Consolidation”: Creates wage ratios at the isic4 level based on the Gender Disaggregated Labor Database (GDLD). It is called at the end of “Master_GenData”.
- “Master” generates the data needed by calling “Master_GenData”, then it creates Figure 8, Figure 9 and all the tables in the paper (Table 1-6, Appendix 5, and Appendix 6). It also creates the excel files needed to create the figures and tables produced in excel (Figures 1-7, Appendix 1-4).

/Excel plots: Contains the file “Figures_plots” which contains Figure 1-7 and Appendix 1-4. It uses the data in the excel files created in the folders with the name of the corresponding figure. Data in the Figure/Appendix folder has to be copied into the sheet with the same name at cell “A2”, except for Appendix 1-3. For Appendix 1 copy “Appendix1_left” at “A2” and “Appendix1_right” at “E2”, for Appendix 2 copy “Appendix2_top” at “A2” and “Appendix2_bottom” at “F2”, for Appendix 3 additional lines were manually created into the Excel file, no need to copy, “Appendix3_1” corresponds to the top table and “Appendix3_2” to the bottom one.