

Organization of directories :

In your working directory you should have all of these R scripts and a folder called « Data »

« Data » must contain :

- The wbop.world replication package and unzipped
- « Pink_Sheet_WB_02052025.xlsx » from <https://www.worldbank.org/en/research/commodity-markets> 'Annual Prices' . This not the name of the download. Moreover, you will download a newer version : you can rename it by this name or change the script 6.)

Additional but unnecessary (for figures that are not in the final paper)

- pink_sheet_correspondance.xlsx which I have completed by hand by copying Miao & Wegner (2022) Annex E. World commodity correspondence to HS-4 digit product.
- HS2017toSITC1.xlsx from <https://uncomtrade.org/docs/hs-sitc-bec-conversion-and-correspondence-tables/>

Overview of the 10 scripts

Each of the 7 first script must be run by you. The 3 other sides script are called by the other:

1, 2, 3 can be run only once they write data in the folder output.

4 is run repeatedly (no efficient) by following codes (you do not need to run it, it is an exception)

5, 6 cannot be run as a whole it can be with some errors. You should run each group of figures that you want.

7. Must be run only once and entirely. If the output excel file already exist it will not run properly

Annex_sh_trade.R, core_countries.R, plot_theme.R are called by other scripts, they contains functions that are run within the script and their output are loaded in the environment when they are called.

The heading of each scripts explain its use.

Annex_sh_trade.R is a side script which contains only one function that is run when called. It interpolate and extrapolate the trade share of all commodities from wbop.world or from the program and retrieve specific series from the wbop.world. core_countries.R contains the lists and dataframes which allow to harmonize country coverage with the WBOP database. And plot_theme.R harmonize plot aesthetics and align them with the ones of wbop.world.

Other

“Uncomtrade_doc.xlsx” show the time coverage of the different version of SITC nomenclature. It is not used by th program.