README file for The Micro Anatomy of Macro Consumption Adjustments

This file explains how to replicate the tables and figures of the body and appendix of the paper. The instructions are divided into: Section 1 describes the software and computer used for the replication package; Section 2 explains the organization of the folders and provides the instructions to replicate the Empirical figures and tables; Section 3 explains the organization of the folders and provides the instructions to replicate the Model figures and tables; Section 4 explains how to compile all the figures and tables of the Manuscript and Online Appendix; Section 5 provides a mapping of programs to figures/tables and output files; Section 6 provides a detailed description of the micro data used in the paper and how to download the files; Section 7 provides the data sources for the aggregate data.

1. Computational Requirements

- Software requirements:
  - Stata/SE 14.0 for Mac (64-bit Intel)
    - packages required are installed automatically from SSC and net install.
  - Matlab R2022a Update 4 (64-bit maci64)
    - CompEcon toolbox developed by Miranda and Fackler (2004). Due to the 1,000 files limit in ICPSR, the files of the CompEcon package are included in the Zip file "Compecon_64.zip" in `model/input/Compecon_64` folder.[1]
  - LaTeXto compile the figures and tables
- Computer used:
  - MacBook Air (M1, 2020)
    - Chip: Apple M1
    - Memory: 16 GB
- Total computational time: approximately 192 minutes

2. Empirical Replication

All the codes needed for the empirical replication are in the folder `empirical/codes`. All the raw data used is in `empirical/input`. The tables and figures are in PDF and LaTex format. First, we describe how the data is organized and, second, how to run the empirical replication codes.

[1] In the Mac, the .mexmaci64 files could ask to be verified in order for Matlab to run them.

2.1. Data organization

The raw data is contained in the folder `empirical/input`

- `empirical/input/aggregate` contains all the raw aggregate data (for example, national accounts data)
- `empirical/input/ITA` contains all the raw microdata for Italy
- `empirical/input/MEX` contains all the raw microdata and raw CPI data for Mexico
- `empirical/input/PER` contains all the raw microdata and raw CPI data for Peru
- `empirical/input/SPA` contains all the raw microdata and raw CPI data for Spain
- `empirical/input/US` contains all the raw microdata for U.S.

Aggregate and CPI data Excel files contain a 'Readme' sheet with details about the data (for example, links to download the data, references and information of each variable).

The folder `empirical/working_data` is the destination of the cleaned datasets used for the computations. The folder `empirical/output` is the output folder for the empirical replication figures and tables.

2.2. Replication instructions

The empirical tables and figures of the paper are replicated as follows:

1. change directory in `empirical/codes/main_stata.do` and
   `empirical/codes/main_matlab.m`
2. run `empirical/codes/main_stata.do` which replicates Table 1-2; Tables B.1-B.4; Tables A.1-A.11; Table D.1; Figures 2-4; Figures B.1-B.3; Figures A.1-A.8; Figure D.3; Figure D.5-D.6; Figure D.12 Panel (a); Figure D.13 Panel (a). The code runs the codes contained in `empirical/codes/clean_stata` and
   `empirical/codes/tables_figures_stata` folders.
3. run `empirical/codes/main_matlab.m` which replicates Figure 1 and Table B.1. The code runs the codes contained in `empirical/codes/tables_figures_matlab` folders.

3. Model Replication

All the codes needed for the model replication are in the folder `model/codes`. The tables and figures are in PDF and LaTex format. First, we describe how the folders are organized and, second, how to run the model replication codes.

3.1. File organization

The folder `model/input` contains empirical and model results that are used as an input for the model's exercises. The '.mat' files contain data from the calibration and model's exercises, which are generated automatically by the replication codes of the model. The Excel files contain empirical moments used in the calibration and model's exercises, which are computed using the STATA 'do files' in `model/code/data_moments`. The Matlab codes for the model replication are contained in the following folders

- `model/codes/model_baseline` contains the codes for the baseline exercise and the main parameter's identification
- `model/codes/model_extensions` contains the codes for the model extensions
- `model/codes/model_mex` contains the codes for the model calibrated to Mexico
- `model/codes/policy` contains the codes for the policy exercises

For the ease of replication, the Matlab codes are organized in such a way that each exercise can be replicated individually by running the Matlab code that starts with 'EGM' within each folder. For example, to reproduce only the baseline exercise we run the code `model/code/baseline/EGM_baseline.m`. Within each exercise-folder there is a 'mit_shocks' code, which computes the transition path to an aggregate unexpected shock and the relevant moments (e.g., elasticities), a 'policy_shock' code that computes the policy functions along the transition path, and a 'solutionEGM' file which solves the model using the endogenous grid method.

3.2. Replication instructions

The model tables and figures of the paper are replicated as follows:

1. run the empirical replication codes (instructions in section 2.2) to get the data necessary for the computation of the empirical moments used in the model codes
2. change directory in `model/codes/main_matlab.m` and `model/codes/main_stata.do`, and unzip the CompEcon package's files (the zip file is located in `model/input` folder)
3. run `model/codes/main_stata.do` to compute empirical moments used for the model calibration and exercises
4. run `model/codes/main_matlab.m` which replicates Table 3-4; Tables D.2-D.4; Figures 5-8; Figures D.1-D.2; Figure D.4; Figures D.7-D.11; Figure D.12 panel (b); Figure D.13 panel (b); Figures D.14-D.18. The code reproduces all the model's exercises using as inputs the Excel files in `model/input` and creating the '.mat' files which are used as input across exercises.

4. Compilation

After replicating the empirical and model tables and figures, they can be compiled by running `tables_figures.tex`.

5. Mapping Programs to Tables/Figures

Table 1: Tables

Table	Program	Output files
1	empirical/codes/main_stata.do	table1_a; table1_b
2	empirical/codes/main_stata.do	table2_a to table2_g
3	empirical/codes/main_matlab.m	table3
4	empirical/codes/main_matlab.m	table4
A1	empirical/codes/main_stata.do empirical/codes/main_matlab.m	tableB1_a; tableB1_b
A2	empirical/codes/main_stata.do	tableB2_a; tableB2_b; tableB2_c
A3	empirical/codes/main_stata.do	tableB3_a; tableB3_b; tableB3_c
A4	empirical/codes/main_stata.do	tableB4_a; tableB4_b; tableB4_c; tableB4_d
A5	empirical/codes/main_stata.do	tableB5_a; tableB5_b
A6	empirical/codes/main_stata.do	tableB6_a to tableB6_b; tableB6_c; tableB6_d
A7	empirical/codes/main_stata.do	tableB7_c; tableB7_d; tableB7_e
A8	empirical/codes/main_stata.do	tableB8_a; tableB8_b; tableB8_c
A9	empirical/codes/main_stata.do	tableB9_a to tableB9_f
A10	empirical/codes/main_stata.do	tableB10_a; tableB10_b
A11	empirical/codes/main_stata.do	tableB11_a; tableB11_b; tableB11_c
B1	empirical/codes/main_stata.do	tableA1
B2	empirical/codes/main_stata.do	tableA2
B3	empirical/codes/main_stata.do	tableA3
D1	empirical/codes/main_stata.do	tableD1_a; tableD1_b
D2	model/codes/main_matlab.m	tableD2
D3	model/codes/main_matlab.m	tableD3
D4	model/codes/main_matlab.m	tableD4

Note: all files are in .tex format. The program corresponds to the Matlab or State scripts we need to run to compute each the table.

Table 2: Figures

Table	Program	Output files
1	empirical/codes/main_matlab.m	figure1_a; figure1_b; figure1_c
2	empirical/codes/main_stata.do	figure2_a; figure2_b; figure1_c; figure2_d; figure2_e
3	empirical/codes/main_stata.do	figure3_a; figure3_b; figure3_c; figure3_d
4	empirical/codes/main_stata.do	figure4
5	model/codes/main_matlab.m	figure5_a_figure7_a; figure5_b; figure5_c; figure5_d
6	model/codes/main_matlab.m	figure6_a; figure6_b
7	model/codes/main_matlab.m	figure5_a_figure7_a; figure7_b_figureD15_a
8	model/codes/main_matlab.m	figure8
A1	empirical/codes/main_stata.do	figureB1_a; figureB1_b; figureB1_c
A2	empirical/codes/main_stata.do	figureB2_a; figureB2_b; figureB2_c
A3	empirical/codes/main_stata.do	figureB3_a; figureB3_b; figureB3_c; figureB3_d
A4	empirical/codes/main_stata.do	figureB4_a; figureB4_b; figureB4_c; figureB4_d
A5	empirical/codes/main_stata.do	ffigureB5_a; figureB5_b; figureB5_c; figureB5_d
A6	empirical/codes/main_stata.do	figureB6_a; figureB6_b; figureB6_c; figureB6_d
A7	empirical/codes/main_stata.do	figureB7_a; figureB7_b; figureB7_c; figureB7_d
A8	empirical/codes/main_stata.do	figureB8_a; figureB8_b; figureB8_c; figureB8_d
B1	empirical/codes/main_stata.do	figureA1_a_i; figureA1_a_ii; figureA1_b_i; figureA1_b_ii
B2	empirical/codes/main_stata.do	figureA2_a; figureA2_b
B3	empirical/codes/main_stata.do	figureA3_a_i; figureA3_a_ii; figureA3_b_i; figureA3_b_ii

Note: all files are in .pdf format. The program corresponds to the Matlab or State scripts we need to run to compute each figure.

Table 3: Figures (cont.)

Table	Program	Output files
D1	model/codes/main_matlab.m	figureD1_a; figureD1_b
D2	model/codes/main_matlab.m	figureD2_a; figureD2_b
D3	empirical/codes/main_stata.do	figureD3_a; figureD3_b
D4	model/codes/main_matlab.m	figureD4_a; figureD4_b
D5	empirical/codes/main_stata.do	figureD5_a; figureD5_b; figureD5_c; figureD5_d
D6	empirical/codes/main_stata.do	figureD6_a; figureD6_b; figureD6_c; figureD6_d
D7	model/codes/main_matlab.m	figureD7_a; figureD7_b
D8	model/codes/main_matlab.m	figureD8_a; figureD8_b
D9	model/codes/main_matlab.m	figureD9
D10	model/codes/main_matlab.m	figureD10
D11	model/codes/main_matlab.m	figureD11_a; figureD11_b
D12	empirical/codes/main_stata.do model/codes/main_matlab.m	tableD12_a; tableD12_b
D13	empirical/codes/main_stata.do model/codes/main_matlab.m	tableD13_a; tableD13_b
D14	model/codes/main_matlab.m	figureD14_a; figureD14_b
D15	model/codes/main_matlab.m	figure7_b_figureD15_a; figureD15_b; figureD15_c; figureD15_d
D16	model/codes/main_matlab.m	figureD16
D17	model/codes/main_matlab.m	figureD17_a; figureD17_b
D18	model/codes/main_matlab.m	figureD18_a; figureD18_b

Note: all files are in .pdf format. The program corresponds to the Matlab or State scripts we need to run to compute each figure.

6. Microdata Details

6.1. Italy

The microdata files for Italy are from the *Survey on Household Income and Wealth* (SHIW) elaborated by the Bank of Italy. We use the historical database and some annual files. All files were downloaded from https://www.bancaditalia.it/statistiche/tematiche/indagini-famiglie-imprese/bilanci-famiglie/distribuzione-microdati/index.html webpage. The data necessary

for the replication is contained in `empirical/input/ITA`.

- The files of the historical database ('Historical Database (all waves) - STATA') are contained in the sub-folder `storico_stata` and corresponds to the dataset updated on October 4, 2019.[2]

- The rest of the files in `empirical/input/ITA` are the selected annual files, which are downloaded from the Annual Databases for different waves and are described in the following Table:

Table 4: SIHW - Annual Files

File	Wave
debiti16.dta	Shiw 2016 - STATA
ricfam14.dta	Shiw 2014 - STATA
ricfam12.dta	Shiw 2012 - STATA
ricfam10.dta	Shiw 2010 - STATA
q08c1.dta	Shiw 2008 - STATA

6.2. Spain

The microdata files for Spain are from the *Encuesta de Presupuestos Familiares* (EPF) elaborated by the Instituto Nacional de Estadística of Spain and *Encuesta Financiera de las Familias* elaborated by the Bank of Spain. The data necessary for the replication is contained in `empirical/input/SPA`.

6.2.1. EPF

To download the EPF data we need to make the following steps

1. Go to https://www.ine.es/prensa/epf_prensa.htm
2. Click on 'Detallados EPF' then click on 'Resultados' and then click on 'Microdatos'
3. Under the title 'Encuesta de presupuestos familiares Periodo 2006-2015. Resultados con clasificacion COICOP' select the year of the wave in 'Fichero de microdatos y diseño de registro:' to download the data

The ASCII encoded files are transformed to STATA using SAS. The input and data files by wave are in `empirical/SPA/EPF`. The file `empirical/input/SPA/EPF/SAS_code.txt` contains the lines of code used in SAS to transform the files. To run the code in SAS, it is necessary to change the directories by wave. The code creates the files: gastos2006.dta-gastos2014.dta; hog_06.dta-hog_14.dta which are located in `empirical/input/SPA`.

[2]The historical database is continuously updated with new waves of the survey. The link to the updated database is https://www.bancaditalia.it/statistiche/tematiche/indagini-famiglie-imprese/bilanci-famiglie/distribuzione-microdati/documenti/storico/storico_stata.zip?language_id=1.

6.2.2. EFF

To download the data we need to make the following steps

1. Go to https://app.bde.es/gnt_seg/controlAccesoEmail.jsp?pas=eff&lang=es&p1=2017 and register
2. Once registered, a link is automatically provided
3. Select the wave and download the files

For each wave YYYY = {2008, 2011,2014} the STATA files used are

- 'other_sections_YYYY_imp1.dta'-'other_sections_YYYY_imp5.dta' from the 'Survey of Household Finances YYYY Data (EFF YYYY) - Core data (questionnaire variables)' first to fifth imputed datasets.
- 'databol1.dta'-'databol5.dta' from 'Main results published in the Economic Bulletin, Banco de España - Datasets containing the variables needed for the tables with weights base 2011 Census' for the 2008 and 2011 waves, and from 'Main results published in the Economic Bulletin, Banco de España - Datasets containing the variables needed for the tables' for the 2014 wave. For replication purposes, we renamed the files to 'databol1_YYYY.dta'-'databol5_YYYY.dta'.

all these files are in `empirical/input/SPA/EFF`.

6.3. Mexico

The microdata files for Mexico are from the *Encuesta Nacional de Ingresos y Gastos de los Hogares* (ENIGH) elaborated by the Instituto Nacional de Estadística, Geografía e Informática of Mexico. We use data from the waves 1992, 1994, 1996, 1998, 2000, 2002, 2004, 2005, 2006, 2008, 2010, 2012, and 2014. The raw data necessary for the replication is contained in `empirical/input/MEX`.

The raw data is downloaded from https://www.inegi.org.mx/programas/enigh/tradicional.[3] The files from 1992 to 2005 were transformed manually from DBF to STATA, Excel, and CSV. For the ease of replication, we renamed the files. Table 5 shows the correspondence between the downloaded files and the files used.

[3]Enter https://www.inegi.org.mx/programas/enigh/tradicional/YYYY/#Microdatos and replace YYYY to get to the website of wave YYYY.

Table 5: ENIGH - Files Crosswalk

Wave	File downloaded	File in replication
1992 to 2005	concen.dbf	concen_YY.dta; concen_YY.xls
2006	Concen.dta	concen_YY.dta
2008 to 2014	Tra_Concentrado_YYYY_concil_2010.dta	concen_YY.dta
1992, 2000 to 2005	gastos.dbf	gastosYYYY.dta
1994 to 1998	gastosYY.dbf	gastosYYYY.dta
2006	Gastos.dta	gastosYYYY.dta
2008	Gastos.dta	gastos2008_1.dta
2008	G_diario.dta	gastos2008_2.dta
2008	G_educa.dta	gastos2008_3.dta
2008	Tra_Nomonetario_2008_concil_2010.dta	gastos2008_4.dta
2010	Gastos.dta	gastos2010_1.dta
2010	Gastodiario.dta	gastos2010_2.dta
2010	Gastoeduca.dta	gastos2010_3.dta
2010	Gastocosto.dta	gastos2010_4.dta
2010	Gastorecibo.dta	gastos2010_5.dta
2010	Tra_Nomonetario_2010_concil_2010.dta	gastos2010_6.dta
2012, 2014	tra_gastohogar_YYYY_concil_2010.dta	gastosYYYY_1.dta
2012, 2014	tra_gastopersona_YYYY_conci_2010.dta	gastosYYYY_2.dta
1992 to 1998, 2002	POBLAYY.dbf	POBLAYY.xls
2000	pobla.dbf	POBLA00.xls
2004	POBLA04.dbf	POBLA04.csv
2006	poblacion.dta	poblacion_06.dta
2008	Pobla08.dta	poblacion_08.dta
2010	Poblacion.dta	poblacion_10.dta
2012, 2014	tra_poblacion_YYYY_concil_2010.dta	poblacion_YY.dta
2008, 2010	Trabajos.dta	trabajos_YY.dta
2012, 2014	tra_trabajos_YYYY_concil_2010.dta	trabajos_YY.dta
1994, 1996	erogaYY.dbf	erogaYYYY.xls
2006	Eroga.dta	eroga2006.dta
2010	Erogaciones.dta	eroga2010.dta
1994, 1996	ingresos.dbf	ingresosYYYY.xls
2006	Ingresos.dta	ingresos2006.dta
2010	Tra_Ingresos_2010_concil_2010.dta	ingresos2010.dta
1994, 1996	hogares.dbf	hogares_YY.xls
2006	Hogares.dta	hogares_06.dta
2010	Tra_Hogares_2010_concil_2010.dta	hogares_10.dta

Note: YY refers to the two-digit year format and YYYY refers to the four-digit year format.

6.4. Peru

The microdata files for Peru are from the *Encuesta Nacional de Hogares* (ENAHO) elaborated by the Instituto Nacional de Estadística e Informática of Peru. We use data from years 2004 to 2018. The raw data necessary for the replication is contained in `empirical/input/PER`.

To download the data we need to make the following steps

1. Go to http://iinei.inei.gob.pe/microdatos/
2. Click on 'Consulta por Encuesta'
3. Select wave and download data
    - to download the data from year 2007 to 2018 we select 'ENAHO Metodologia ACTUALIZADA' and 'Condiciones de vida y pobreza - ENAHO PANEL' then choose for 'AÑO' 2011, 2015, 2018 to download the files for each wave.
    - to download the data from year 2004 to 2006 we select 'ENAHO Metodologia ACTUALIZADA' and 'Condiciones de vida y pobreza - ENAHO' then we download the files for 'AÑO' 2004, 2005, 2006 to download the files for each wave.

For the ease of replication we renamed some of the downloaded files, then in Table 6 we show the crosswalk and the Module Code that identifies the files.

Table 6: ENAHO - Files Crosswalk and Code

Year	File downloaded	File in replication	Code
2007 to 2011	sumaria_2007_2011_panel.dta	panel_sumaria_1.dta	302-Modulo34
2007 to 2011	enaho01_2007_2011_100_panel.dta	panel_hogar_1.dta	302-Modulo01
2007 to 2011	enaho01a_2007_2011_300_panel.dta	panel_individual_1.dta	302-Modulo03
2007 to 2011	enaho01a_2007_2011_500_panel.dta	panel_ingreso_1.dta	302-Modulo05
2011 to 2015	sumaria-2011-2015.dta	panel_sumaria_2.dta	529-Modulo34
2011 to 2015	enaho01-2011-2015-100.dta	panel_hogar_2.dta	529-Modulo01
2011 to 2015	enaho01a-2011-2015-300.dta	panel_individual_2.dta	529-Modulo03
2011 to 2015	enaho01a-2011-2015-500.dta	panel_ingreso_2.dta	529-Modulo05
2014 to 2018	sumaria-2014-2018-panel.dta	panel_sumaria_3.dta	651-Modulo34
2014 to 2018	enaho01-2014-2018-100-panel.dta	panel_hogar_3.dta	651-Modulo01
2014 to 2018	enaho01a-2014-2018-300-panel.dta	panel_individual_3.dta	651-Modulo03
2014 to 2018	enaho01a-2014-2018-500-panel.dta	panel_ingreso_3.dta	651-Modulo05
2004	sumaria-2004.dta	sumaria-2004.dta	280-Modulo34
2004	enaho01-2004-100.dta	enaho01-2004-100.dta	280-Modulo01
2004	enaho01-2004-200.dta	enaho01-2004-100.dta	280-Modulo02
2004	enaho01a-2004-300.dta	enaho01-2004-200.dta	280-Modulo03
2004	enaho01a-2004-500.dta	enaho01-2004-100.dta	280-Modulo05
2005	sumaria-2005.dta	sumaria-2005.dta	281-Modulo34
2005	enaho01-2005-100.dta	enaho01-2005-100.dta	281-Modulo01
2005	enaho01-2005-200.dta	enaho01-2005-100.dta	281-Modulo02
2005	enaho01a-2005-300.dta	enaho01-2005-200.dta	281-Modulo03
2005	enaho01a-2005-500.dta	enaho01-2005-100.dta	281-Modulo05
2006	sumaria-2006.dta	sumaria-2006.dta	280-Modulo34
2006	enaho01-2006-100.dta	enaho01-2006-100.dta	282-Modulo01
2006	enaho01-2006-200.dta	enaho01-2006-100.dta	282-Modulo02
2006	enaho01a-2006-300.dta	enaho01-2006-200.dta	282-Modulo03
2006	enaho01a-2006-500.dta	enaho01-2006-100.dta	282-Modulo05
2007	enaho01-2007-611.dta	enaho01-2007-611.dta	283-Modulo17
2010	enaho01-2010-611.dta	enaho01-2010-611.dta	279-Modulo17

Note: the Code first three digits indicates the survey's # and the last two digits to the module within the survey.

6.5. U.S.

The microdata files for U.S. are from replication files of Dauchy, Navarro-Sanchez and Seegert (2020) and Blundell, Pistaferri and Preston (2008). The link to the replication data and codes, and the selected files are:

- https://economicdynamics.org/codes/19/19-189/DauchyNavarroSanchezSeegert.zip for Dauchy *et al.* (2020). We use the file `cex_new.dta` dataset which is belongs to their replication files and rename it `empirical/input/US/DNS_cex_new.dta`.

- https://www.openicpsr.org/openicpsr/project/113270/version/V1/view for Blundell *et al.* (2008). To replicate their main dataset, we use the replication codes and data files `adjusted_AER.do`; `data.dta`; `impute_AER.do`; `finprice.dta`; `cexall.dta`; `tax9192.dta`; `natpr.dta`; and `mindist_AER.do` to replicate their main dataset. The files are in the folder `empirical/input/USD/BPP` and the 'do files' are slightly modified to be used in our replication.

7. Aggregate Data

In this section I provide the data sources for the aggregate data. All files are contained in `empirical/input/aggregate/` unless specified.

7.1. Barro-Ursua

- link to data: https://scholar.harvard.edu/files/barro/files/barro_ursua_macrodataset_1110.xls
- reference paper: Barro and Ursua (2012) for dataset Barro and Ursua (2010)
- file used: we use `barro_ursua_macrodataset_1110.xls` and rename it to `Barro_Ursua_2012ARE_data.xlsx` and add an extra 'Readme' sheet.

7.2. Cerra-Saxena

- link to data: https://www.openicpsr.org/openicpsr/project/113234/version/V1/view replication package
- reference paper: Cerra and Saxena (2008).
- file used: we use `20050666_data.xls` and rename it to `Cerra_Saxena_2008AER_data.xls` and add an extra 'Readme' sheet.

7.3. Aggregate

- files: `interest_rates_data.xls`; `national_accounts_data.xls`; `WB_GDP_C.xls`; `WB_GDP_growth.xls`; `WB_poverty_middle.xls`
- several sources: Federal Reserve Economic Data; Central Bank of Chile (BCC); Central Bank of Peru (BCRP); IFS - IMF; Bank of Italy; Bank of Spain; INE Spain; OECD; INEI Peru; IMF - WEO; World Bank
- download data: each of the Excel files have a 'Readme' sheet which describes each variable in the dataset and provides a link to download the data.

In Table 7, we provide the links to download the World Bank data. In Table 8 and 9, we provide for each variable the Excel file location (file and sheet), variable name, data source

and link for Excel files `interest_rates_data.xls` and `national_accounts_data.xls`. Further details are in the 'Readme' sheets of each Excel file.

Table 7: Aggregate data - WDI data

File	Link
WB_GDP_C	https://data.worldbank.org/indicator/SI.POV.LMIC
WB_GDP_growth	https://data.worldbank.org/indicator/NY.GDP.MKTP.KD.ZG
WB_poverty_middle	https://data.worldbank.org/indicator/SI.POV.LMIC

Table 8: Aggregate data

File	Variable	Sheet	Data source	Link
interest_rates_data	US_GER	T_Bills_3	Federal Reserve Economic Data	link
interest_rates_data	US_GER	T_Bills_10	Federal Reserve Economic Data	link
interest_rates_data	US_GER	GER_10Y	Federal Reserve Economic Data	link
interest_rates_data	US_GER	cpi_GER	Federal Reserve Economic Data	link
interest_rates_data	US_GER	cpi_US_core	Federal Reserve Economic Data	link
interest_rates_data	GovBonds	ITA	Federal Reserve Economic Data	link
interest_rates_data	GovBonds	SPA	Federal Reserve Economic Data	link
interest_rates_data	GovBonds	GER	Federal Reserve Economic Data	link
interest_rates_data	GovBonds	s_MEX	Central Bank of Chile (BCC)	link
interest_rates_data	GovBonds	s_PER	Central Bank of Peru (BCRP)	link
interest_rates_data	EMBIG	PER	Central Bank of Peru (BCRP)	link
interest_rates_data	MEX_HH	lend_rate	IFS - IMF	link
interest_rates_data	MEX_HH	dep_rate	IFS - IMF	link
interest_rates_data	MEX_HH	cpi	Federal Reserve Economic Data	link
interest_rates_data	PER_HH	lend_rate	IFS - IMF	link
interest_rates_data	PER_HH	dep_rate	IFS - IMF	link
interest_rates_data	PER_HH	cpi	Central Bank of Peru (BCRP)	link
interest_rates_data	PER_HH	tc	IFS - IMF	link
interest_rates_data	PER_HH	dep_rate_FC	IFS - IMF	link
interest_rates_data	ITA_HH	lend_rate	Bank of Italy	link
interest_rates_data	ITA_HH	dep_rate	Bank of Italy	link
interest_rates_data	ITA_HH	cpi	Federal Reserve Economic Data	link
interest_rates_data	SPA_HH	lend_rate	Bank of Spain	link
interest_rates_data	SPA_HH	dep_rate	Bank of Spain	link
interest_rates_data	SPA_HH	cpi	INE Spain	link

Table 9: Aggregate data (cont.)

File	Variable	Sheet	Data source	Link
national_accounts_data	MEX_Y	gdp	OECD	link
national_accounts_data	MEX_Y	pce	OECD	link
national_accounts_data	MEX_C	pce_dom	OECD	link
national_accounts_data	MEX_C	durable	OECD	link
national_accounts_data	MEX_POP	pop	Federal Reserve Economic Data	link
national_accounts_data	MEX_long	pce	Federal Reserve Economic Data	link
national_accounts_data	MEX_long	gdp	Federal Reserve Economic Data	link
national_accounts_data	PER_Y	gdp	INEI Peru	link
national_accounts_data	PER_Y	pce	INEI Peru	link
national_accounts_data	PER_Y	pop	WEO	link
national_accounts_data	PER	gdp	INEI Peru	link
national_accounts_data	PER	pce	INEI Peru	link
national_accounts_data	SPA_POP	pop	OECD	link
national_accounts_data	SPA	gdp	OECD	link
national_accounts_data	SPA	pce	OECD	link
national_accounts_data	SPA	pce_dom	OECD	link
national_accounts_data	SPA	durable	OECD	link
national_accounts_data	SPA	non_durable_all	OECD	link
national_accounts_data	ITA_POP	pop	OECD	link
national_accounts_data	ITA	gdp	OECD	link
national_accounts_data	ITA	pce	OECD	link
national_accounts_data	ITA	pce_dom	OECD	link
national_accounts_data	ITA	durable	OECD	link
national_accounts_data	ITA	non_durable_all	OECD	link

7.4. CPI Data

- Mexico:
  - files: `empirical/input/Mexico/CPI_MEX.xls`
  - data source: Instituto Nacional de Estadística y Geografía (INEGI)
  - the links to the data are contained in the 'Readme' sheet
- Peru:
  - files: `empirical/input/Peru/CPI_PER.xls`; `empirical/input/Peru/CPI_cat_PER.xls`
  - data source: INEI Peru and Central Bank of Peru (BCRP)
  - the links to the data are contained in the 'Readme' sheet
- Mexico:

- files: `empirical/input/Spain/CPI_SPA.xls`
- data source: INE Spain
- the links to the data are contained in the 'Readme' sheet

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