README for Innovative Environmental and Climate provisions in Preferential Trade Agreements

Contents

Overview

This readme file replicates all figures for the Innovative Environmental and Climate provisions in Preferential Trade Agreements paper. By using the most recent versions of the publicly available data listed in section 2.

Data Availability

The paper uses The World Bank Deep Trade Agreements database[1] as its main source, both the Horizontal and Vertical mappings. This data is further complemented with the World Bank Income Classification of countries and APEC list of environmental goods[2].

- ☐ All data are publicly available.

Data Sources

Filename: *"Data\WB DTA Database 2.0\DTA 1.0 - Horizontal Content (v2).xlsx"*
- **Source:** Deep Trade Agreements database 1.0 (horizontal depth) - Hofmann Claudia, Alberto Osnago and Michele Ruta, (2017). "Horizontal Depth: A New Database on the Content of Preferential Trade Agreements". Policy Research working paper; no. WPS 7981. Washington, D.C: World Bank Group.
- **Name of the source website:** World Bank Deep Trade Agreements Dataset
- **URL:** https://datacatalogfiles.worldbank.org/ddh-published/0065624/DR0093615/DTA%201.0%20-%20Horizontal%20Content%20(v2).xlsx
- **Access year:** May 2024

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[1] https://datatopics.worldbank.org/dta/index.html

[2] Asia-Pacific Economic Cooperation Representatives Declaration, Annex C (9 Sept. 2012), text available at: https://www.apec.org/meeting-papers/leaders-declarations/2012/2012_aelm.

- **Description of the dataset:** This dataset maps the coverage of 52 selected policy areas in 400 PTAs notified at WTO signed between 1958 and 2023. It also includes information about legal enforceability of each policy area. This dataset captures the extensive margin of the content of Deep trade agreements. The latest version of the data includes 400 PTAs signed between 1958 and 2023.

Filename: *"Data\WB DTA Database 2.0\DTA 2.0 - Vertical Content (v2).xlsx"*
- **Source:** Deep Trade Agreements database 2.0 (vertical depth) **-** *Mattoo, Aaditya; Rocha, Nadia; Ruta, Michele. 2020. Handbook of Deep Trade Agreements. Washington, DC: World Bank.*
- **Name of the source website:** World Bank Deep Trade Agreements Dataset
- **URL:** https://datacatalogfiles.worldbank.org/ddh-published/0065624/DR0093616/DTA%202.0%20-%20Vertical%20Content%20(v2).xlsx
- **Access year:** May 2024
- **Description of the dataset:** This database provides detailed information on the content of a sub-sample of eighteen policy areas most frequently covered in a set of 400 agreements currently notified to the WTO between 1958 and 2023. For each agreement, the database covers the stated objectives and substantive commitments, as well as aspects relating to transparency, procedures and enforcement. This database represents the most comprehensive effort in terms of the coverage of policy areas and the granularity of information within each area. This database is the result of collaboration with experts in different policy areas from academia and from other international organizations such as the ITC, OECD, UNCTAD, and WTO. The latest version of the data includes 400 PTAs signed between 1958 and 2023.

Filename: *"Data\Concordances\WBG_IncomeClassification_FY24.dta"*
- **Source:** World Bank Group Country and Lending Groups*. Washington, DC: World Bank.*
- **Name of the source website:** World Bank Country and Lending Groups
- **URL:** https://datahelpdesk.worldbank.org/knowledgebase/articles/906519
- **Access year:** May 2024

Filename: *"$products\APEC.xlsx"*
- **Source:** Asia-Pacific Economic Cooperation Representatives Declaration, Annex C (9 Sept. 2012)
- **Name of the source website:** Asia-Pacific Economic Cooperation Representatives Declaration, Annex C (9 Sept. 2012)
- **URL:** https://www.apec.org/meeting-papers/leaders-declarations/2012/2012_aelm.
- **Access year:** May 2024
- **Note:** Author extracted manually the list of products in Annex C

Filename: *"Data/Trade/BACI_HS07_V202401b"*
- **Source:** Gaulier, G. and Zignago, S. (2010) BACI: International Trade Database at the Product-Level. The 1994-2007 Version. CEPII Working Paper, N°2010-23. BibTex
- **Name of the source website:** CEPII BACI Database 202401b version HS07

- **URL:**
  https://www.cepii.fr/DATA_DOWNLOAD/baci/legacy/202401b/BACI_HS07_V202401b.zip
- **Access year:** May 2024
- **Description:** BACI provides data on bilateral trade flows for 200 countries at the product level (5000 products). Products correspond to the "Harmonized System" nomenclature (6-digit code).

Filename: *"$source\country_codes_V202401b.csv "*
- **Source:** Gaulier, G. and Zignago, S. (2010) BACI: International Trade Database at the Product-Level. The 1994-2007 Version. CEPII Working Paper, N°2010-23. BibTex
- **Name of the source website:** CEPII BACI Database 202401b version HS07
- **URL:**
  https://www.cepii.fr/DATA_DOWNLOAD/baci/legacy/202401b/BACI_HS07_V202401b.zip
- **Access year:** May 2024
- **Note:** This file is included in the previous dataset.

Statement about Rights

- I certify that the author(s) of the manuscript have legitimate access to and permission to use the data used in this manuscript.
- I certify that the author(s) of the manuscript have documented permission to redistribute/publish the data contained within this replication package. Appropriate permission are documented in the LICENSE.txt file.

Instructions for Replicators

New users should follow these steps to run the package successfully: - Users must first have access to all data files if they are not included in the reproducibility package. They should go to the mentioned links, download the listed files, and place them in the data folder. - Update the following files with your directory paths

There is only one single file that needs to be run, this file consolidates all datasources and input the data into the "Support_figures" and "Appendix_Tables" excel files, which replicate each individual figure and Appendix Tables.

- `01_Support_figures.do`
- **No additional Stata packages need to be installed.**

List of Exhibits

The provided code reproduces:

- All numbers provided in text in the paper
- All figures and appendix tables in the paper
- Figures 5 and 7 are not replicable in the code as they are references to other papers, cited accordingly.