Data and programming code release: background information and description of contents of TPA Retro 2021 – code and data release.zip file

This release accompanies the USITC report, *Economic Impact of Trade Agreements Implemented under Trade Authorities Procedures, 2021 Report*, inv. no. TPA 105-008. The report includes quantitative analysis of the economic impact of in-scope U.S. trade agreements on various aspects of the U.S. economy. This release includes programming code and data sufficient to replicate the analysis described in the following sections of appendix F of the report[1]:

1. Impacts of the Agreements on Barriers to Cross-border Trade in Goods
2. Impacts of the Agreements on Barriers to Cross-border Trade in Services
3. Economy-Wide Model: Decomposition by Labor Type[2]
4. Effect of Specific Services Provisions on Trade in Services
5. Effects of Intellectual Property Rights Provisions on Goods and Services Trade
6. Effects of Digital Trade Provisions on Services Trade

TPA Retro 2021 – code and data release.zip file contains six folders, corresponding to the models listed above. Each of these folders contains a readme file that describes files in the folder and includes instructions for replication. All readme files and programming code files can be viewed in a text editor. In some instances, the user will need to download publicly available data that were used in the analysis. When applicable, data sources and links for data download are described in the readme files within each folder.

Recommended citation for this release:

U.S. International Trade Commission (USITC). *Economic Impact of Trade Agreements Implemented under Trade Authorities Procedures, 2021 Report*, USITC Publication 5199. Washington, DC: USITC, June 2019. https://usitc.gov/publications/332/pub5199.pdf.

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[1] The following models described in appendix F utilize proprietary datasets and cannot be released: Gravity Model of Trade and Investment, Impacts of U.S. Bilateral and Regional Trade Agreements on Foreign Direct Investment, Impact of Agreements with Services Provisions on Foreign Affiliate Sales of Services, Transition from a U.S. Preference Program to a U.S. FTA, and Effect of the KORUS Modification on the U.S. Truck Industry.

[2] While the underlying database and model from the Global Trade Analysis Project (GTAP) are proprietary, the code provided is sufficient to recreate the data file for the decomposition by labor type using publicly available data.