

GTAP Consortium Agency Report – U.S. International Trade Commission

June 2018

1. GTAP Model and Data Base Usage

The USITC makes extensive use of the GTAP model in its fact-finding reports and in its technical assistance to the U.S. Congress and the Executive Branch. The GTAP modeling framework is our most frequently used analytical tool for quantifying the economy-wide effects of potential changes in trade policy.

2. Publications

Alan Fox and Carolyn Fischer-Fox, “Estimates of Armington Elasticities Using District-Level Trade Data,” Forthcoming in *American Economic Association Papers & Proceedings*.

Jayson Beckman, Munisamy Gopinath, and Marinos Tsigas, “Impacts of Tax Reform on Agricultural Households” Forthcoming in *American Journal of Agricultural Economics*.

3. Presentations

Alan Fox, “Estimates of Armington Elasticities Using District-Level Trade Data,” 2018 ASSA Meetings in Philadelphia.

Jayson Beckman, Munisamy Gopinath, and Marinos Tsigas, “Impacts of Tax Reform on Agricultural Households” 2018 ASSA Meetings in Philadelphia.

Andre Barbe, “Validating GTAP-E Using the Shale Revolution,” GTAP Conference 2018.

Marinos Tsigas and Wen-Jin Yuan, “An Economic Analysis of U.S. FDI in China and Mexico: A GTAP-FDI Model Perspective,” GTAP Conference 2018.

Saad Ahmad and Zeynep Akgul, “Using Power Laws to Identify the Structural Parameters of Trade Models with Firm Heterogeneity,” GTAP Conference 2018.

Zeynep Akgul, Caitlyn Carrico, and Marinos Tsigas, “Labor Composition of Fixed Costs, Heterogeneous Firms, and the U.S. Labor Market,” 2018 ASSA Meetings in Philadelphia.

4. Special Reports

USITC, *Aluminum: Competitive Conditions Affecting the U.S. Industry*, Investigation No. 332-557, July 2017 (<https://www.usitc.gov/sites/default/files/publications/332/pub4703.pdf>)

5. Projects

The USITC is working with GTAP post-doc researcher Zeynep Akgul to further develop the GTAP-HET model.

The USITC is working on a version of GTAP with impediments to labor adjustment.

6. Other Activities

Zeynep Akgul has delivered a series of lectures on practical use of the GTAP model to USITC staff.

Marinos Tsigas will serve as an instructor at the GTAP Short Course this summer.