

Mateo Hoyos

Department of Economics
University of Massachusetts Amherst
418 North Pleasant St.
Amherst, MA, 01060

Citizenship: Colombia
Phone: +1 4136269047
Email: mhoyoslopez@umass.edu
<https://sites.google.com/view/mathoyos/>

Education

Ph.D. in Economics

Expected: June 2023

Dissertation: "Three Essays on International Trade and Economic Growth"
Department of Economics, University of Massachusetts Amherst

M.A. in Economics

2016

Department of Economics, Universidad de los Andes

M.A. in Public Policy

2016

School of Government, Universidad de los Andes

B.A. in Economics

2014

Department of Economics, Universidad de los Andes

Fields

International Trade, Macroeconomic aspects of Economic Development, Economic Growth

Job Market Paper

"Tariffs and Growth: Heterogeneous Effects by Economic Structure"

This article presents evidence that the impact of tariffs on GDP per capita is mediated by economic structure. I use a panel of 161 countries from 1960 to 2019 to study the impact of changes in average tariff rates on GDP per capita. Using a local projections difference-in-differences (LP-DiD) approach allows me to flexibly control for the surge in GDP that precedes tariff reductions, which if ignored could bias the estimates, and to estimate medium-term dynamic effects. The results, consistent with a specific strand of the trade theory literature, establish that the tariff-growth nexus is contingent on economic structure: tariff reductions led to lower GDP per capita for nonmanufacturer countries, but higher GDP per capita for manufacturers. Additionally, the effects are persistent even twenty years after tariff reductions. The validity of the baseline estimates is confirmed by several robustness checks, especially the control for relevant confounders in the tariffs-growth nexus and a clean controls analysis aimed to address biases from heterogeneity as highlighted by recent difference-in-differences literature. The results seem to be driven by heterogeneous effects in productivity and capital accumulation, in turn related to changes in the manufacturing share of GDP.

Publications

Peer-reviewed articles

Hoyos, M (2022). Did the Trade Liberalization of the 1990s Really Boost Economic Growth? A Critical Replication of Estevadeordal and Taylor (2013). *Empirical Economics*, 63, 525–548.

Hoyos, M, Libman, E. & Razmi, A. (2021). The Structural Outcomes of Investment Surges. *Structural Change and Economic Dynamics*, 58, 245–255.

Hoyos, M. (2017). Trade Liberalization and Premature Deindustrialization in Colombia. *Journal of Economic Structures*. 6: 30.

Book chapters

Hoyos, M. & Flechas, J. P. (2013). *El movimiento estudiantil frente a la reforma a la educación superior en Colombia*. In: Orozco, L.E. ed. La educación superior: retos y perspectivas. Universidad de los Andes.

Work in progress

"North-South Trade, Technology Diffusion, and Uneven Development".

"Trade Liberalization and Structural Change: Municipal Dynamic Effects of Colombia's FTA with the US" (with José A. Coronado).

"Does North-South Trade Promote Convergence? A Critical Survey on Trade and Technology Diffusion".

Experience

Teaching

Stata Teaching Assistant Fall 2022 – current
Department of Economics, Amherst College

Lecturer Spring 2022
Intermediate Macroeconomics
Department of Economics, Universidad Nacional de Colombia

Teaching Assistant Summer 2022, Fall 2020, Summer 2020;
Intermediate Macroeconomics, Introductory Macroeconomics, Fall 2021, Spring 2021, Spring 2019;
Introductory Microeconomics Spring 2020, Fall 2018
Department of Economics, UMass Amherst

Research

Research Assistant Spring 2022; Summer 2021;
Prof. Jayati Ghosh, Isabella Weber, and Mwangi wa Githinji Spring 2020 and Fall 2019
Department of Economics, UMass Amherst

Awards and academic achievements

Colciencias Scholarship January 2021 – current
Colombian government

Summer Dissertation Fellowship Summer 2021
Department of Economics, UMass Amherst

Pre-Dissertation Research Award Summer 2020
Center of Latin American, Caribbean & Latino Studies, UMass Amherst

Chair's Summer Research Fellowship Summer 2019
Department of Economics, UMass Amherst

Professional service

Referee: Empirical Economics

References

[Arslan Razmi](#)
Professor, Department of Economics
UMass Amherst
arazmi@econs.umass.edu

[Daniele Girardi](#)
Associate Professor, Department of Economics
UMass Amherst
dgirardi@umass.edu

[Matt Woerman](#)
Assistant Professor, Dept. of Resource Economics
UMass Amherst
mwoerman@umass.edu

[Peter Skott](#)
Professor, Department of Economics
UMass Amherst
pskott@umass.edu