

Alejandra Martinez

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Education

University of Warwick

PHD ECONOMICS

Coventry, UK

2020 - 2024 (expected)

University of Warwick

MRES ECONOMICS (DISTINCTION)

Coventry, UK

2017 - 2019

Universidad de los Andes

MA ECONOMICS

Bogota, Colombia

2012 - 2014

Universidad de los Andes

BS ECONOMICS

Bogota, Colombia

2008 - 2012

Research Interests

MAIN

International trade

SECONDARY

Environmental

Research

WORKING PAPERS

Trade Relationships During and After a Crisis: Evidence from Road Disruptions in Colombian Flower Exports (Job Market Paper)

I study the impact of an extreme weather event on international trade relationships. Exploiting variation in exporters' access to cargo terminals during an unprecedented La Niña season in 2010-2011, when some roads became impassable, I find that relationships exposed to road disruptions became 7 to 9 percentage points *less* likely to end during the shock, with no differential effects afterwards. Relationships associated with importers who were exposed to the shock on multiple relationships were *more* likely to end in the medium and long run. I present a theoretical framework that rationalizes these empirical results based on (1) the relative cost of establishing a new trade relationship (2) the proportion of relationships in firms' portfolios that are exposed to the shock. The findings shed light on the dynamic of transnational buyer-seller relationships in the context of extreme weather events.

NON-ACADEMIC PUBLICATIONS

Elie Gershel, Alejandra Martinez, and Isabelle Mejean, 2020. **"Propagations of Shocks in Global Value Chains: The Coronavirus Case,"** Post-Print halshs-02515354, HAL.

Julien Martin, Alejandra Martinez, and Isabelle Mejean, 2019. **"The cost of Brexit uncertainty: Missing partners from French exporters,"** Institut des Politiques Publiques halshs-02515757, HAL.

NEWSPAPERS AND MEDIA PUBLICATIONS

Elie Gershel, Alejandra Martinez, and Isabelle Mejean, 2020. **"How Global Value Chains Became Victims of Covid-19"**. The European Financial Review.

WORK IN PROGRESS

Transitivity in Trade, with Carlo Perroni and Dennis Novy.

A large literature on social networks shows that individuals are more likely connected with each other if they share connections with other individuals. We take this idea to trade between firms. Firms are more likely to trade with each other if they share common trading partners, and forming a new connection makes trade with other partners more likely. We provide a statistically based characterisation of transitivity in trade transactions that is applicable to any model of trade where the formation of agent-to-agent links involves a stochastic component (e.g., arising from random search or random matching), and discuss how transitivity can be measured in transactions data. We apply this methodology to firm-level Colombia-US exporter-importer data. Our results suggest that there is a transitivity effect in trade relationships for Colombian exporters located at shorter distances between partners. We quantify the magnitude of the transitivity effect by using the panel nature of the trade data, relying on an instrumental variable approach.

Professional Experience

- 2019-2020 **Research Assistant**, Dr. Isabelle Mejean (Sciences Po), **Ecole Polytechnique**
2018-2019 **Research Assistant**, Dr. Liliana Varela, **London School of Economics**
2018 **Research Assistant**, Dr. Laura Alfaro, **Harvard Business School**
2015-2017 **Consultant at the Chief Economist office for LAC**, Dr. Joana Silva, **World Bank**
2017 **Consultant**, Dr. Joana Naritomi, **London School of Economics**
2013-2015 **Research Assistant**, Dr. Jorge Tovar, **Universidad de los Andes**

Awards, Fellowships & Grants

- 2017-2024 **Departmental Scholarship**, Full tuition and stipend expenses *University of Warwick*
Teaching award, University of Warwick *Spring 2022*

Teaching Experience

- 2022-23 **EC109: Introductory Microeconomics**, Teaching Assistant *University of Warwick*
2021-22 **EC109: Introductory Microeconomics**, Teaching Assistant *University of Warwick*
Spring 2015 **Microeconomics II**, Teaching Assistant *Universidad de los Andes*
Fall 2014 **Consumer and Firm Theory**, Teaching Assistant *Universidad de los Andes*
Spring 2014 **Macroeconomics III**, Teaching Assistant *Universidad de los Andes*
Fall 2013 **Macroeconomics III**, Teaching Assistant *Universidad de los Andes*

Outreach & Professional Services

PROFESSIONAL ACTIVITIES

- Graduate Management Committee (2018-2019)
Committee for the RES Junior Symposium Conference (2019)
Graduate Student-Staff Liaison committee (2017-2019)

CONFERENCES

2023: Royal Economic Society 2023 (accepted), 21st Annual GEP/CEPR Postgraduate Conference (poster session), European Trade Study Group 2023 Conference (accepted), The Oxford Development Economics Workshop 2023 (invited), CEP-Warwick Junior Trade Workshop 2023 (accepted), II Workshop on International Trends in Economic Research (invited)

PEER REVIEW

Skills and Languages

Skills: Stata (advanced), Arcgis (intermediate), Matlab (intermediate), Python (intermediate)

Languages: English (fluent), Spanish (native), French (basic), Portuguese (basic).

References

PROFESSOR DENNIS NOVY

University of Warwick, Economics Department, Coventry
D.Novy@warwick.ac.uk

PROFESSOR CARLO PERRONI

University of Warwick, Economics Department, Coventry
C.Perroni@warwick.ac.uk

PROFESSOR ISABELLE MEJEAN

Sciences Po, Departement d'Economie, Paris
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PROFESSOR CHRISTINE BRAUN

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