

EDOARDO TOLVA

[edoardotolva.github](https://github.com/edoardotolva)

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RESEARCH INTERESTS

International Trade, Environmental Economics, Spatial Economics

EDUCATION

University of Warwick (United Kingdom)

PhD in Economics

2020-2025

MRes in Economics (with merit)

2018-2020

Kiel Institute for the World Economy (Germany)

Advanced Study Program in International Economic Policy Research

2017

University of Bologna (Italy)

MSc in Economics (summa cum laude)

2015-2017

University of Firenze (Italy)

B.A. in Economic Development and International Cooperation

2012-2015

JOB MARKET PAPER

One Way or Another: Modes of Transport and International Trade

The transport sector is the backbone of international trade and has faced multiple disruptions in recent years. I study the substitutability between different transport modes and how mode-specific trade cost shocks affect international trade flows. I use the closure of Russian airspace in 2022 as an exogenous change in transport costs to provide novel estimates of the elasticity of substitution between transport modes. To quantify the importance of this margin of adjustment in equilibrium, I develop a Ricardian model of international trade with multiple transport modes. Modes are substitutable but endogenous congestion forces limit substitutability. I apply this framework to quantify the effects of recent trade cost shocks such as the closure of Russian airspace and the Suez Canal blockage. Transport mode substitution reduces welfare losses by 4% relative to a non-substitution scenario. However, substitution has potentially negative consequences for the carbon footprint of international trade. Higher sea transport costs can lead to increased carbon emissions due to substitution toward more carbon-intensive air transport.

WORKING PAPERS

Brexit and Goods Trade: A Trending Topic

With J. Lewis

WORK IN PROGRESS

Oligopolies in Trade and Transportation: Implications for Gains from Trade

With E. Cristoforoni, M. Errico, and F. Rodari

Young Economist Award at FIW - International Economics (2025)

Sustainable Relationships: Deforestation in the Cocoa Supply Chain

With D. Del Prete and V. Guye

POLICY WORK

COVID-19 has disrupted businesses' ability to prepare for Brexit, but the lack of clarity on the UK-EU relationship is worse (With S. Dhingra and J. De Lyon), CEP Blog 2020

PRESENTATIONS IN CONFERENCES AND WORKSHOPS

- **2025:** Aarhus University, Bank of Italy, University of the Balearic, ISEG Lisbon, Universidad de Los Andes, FIW Wien, World Bank Annual Conference on Transport Economics 2025.
- **2024:** RES Easter Training School, 23rd RIEF Doctoral Meeting, EAYE Annual Meeting, 13th European Meeting of the Urban Economics Association, JIE Summer School, Napoli Parthenope, CEP/LSE-Warwick Junior Trade Workshop, European Trade Study Group 2024, SETC, Midwest Trade Conference, Norwegian School of Economics, Trade value chains and financial linkages in the global economy (Discussant).
- **2023:** 12th European Meeting of the Urban Economics Association, 2023 Swedish Network for European Studies in Economics and Business conference, Warwick PhD Conference, Queen Mary PhD Conference, European Trade Study Group 2023, Advancing Sustainability of Critical Supply Chains (Kiel IFW), Junior Research Day Autumn London Meeting (King's College and Collège de France).

TEACHING

University of Warwick Senior Teaching Assistant International Economics (EC312) Economics 2 (EC204)	2021-2022
University of Cambridge Teaching Assistant for St John's College Paper IV International Trade	MICHAELMAS TERM 2020-2021

OTHER WORK EXPERIENCE

Asian Development Bank Consultant-Data Expert: Sustainable Economic Recovery Program	January 2025-June 2025
Research Associate University of Naples Parthenope	September 2024-September 2025
Bank of England Academic visitor at the Research Hub division PhD intern	October 2022-July 2024 July-September 2022
London School of Economics, Centre for Economic Performance (CEP) Occasional Research Assistant To Prof. S.Dhingra and Prof. C.Thomas	September 2020-May 2023

ACADEMIC ACTIVITIES

Co-organiser Macro and International workshop at Warwick	2021-2023
Economics Applicant Mentoring Programme (AMP)	2022-2023
Co-organiser X Warwick PhD Conference	2022
Co-organiser IX Warwick PhD Conference	2021
Member of the Graduate Student Staff Liaison Committee (GSSLC)	2020
Course in Trade Policy Analysis with Gravity Models, Prof. Y. Yotov, Kiel IFW	2016

REFEREEING ACTIVITIES

Annals of Tourism Research, Bulletin of Economic Research, Journal of Economic Behavior and Organization

SCHOLARSHIPS AND AWARDS

Young Economist Award at the 17 th FIW International Economics Conference	2025
Full departmental scholarship by the University of Warwick	2018-2024
Scholarship Kiel Institute	2019
Merit award by the University of Florence	2015
Merit award by the University of Florence	2013

SKILLS

- Basic: QGIS, PYTHON
- Advanced: MATLAB, STATA, L^AT_EX

LANGUAGES

Italian (native), *English* (fluent), *Spanish* (conversational)

REFERENCES

Prof. Dennis Novy

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