

EDOARDO TOLVA

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

Department of Economics, University of Warwick, Coventry CV4 7AL, UK

edoardo.tolva@gmail.com \diamond edoardo.tolva@warwick.ac.uk

RESEARCH INTERESTS

International Trade, Transportation, Environmental Economics, Spatial Economics

EDUCATION

University of Warwick (United Kingdom)

PhD in Economics

2020-2024(*expected*)

MRes in Economics (with merit)

2018-2020

Kiel Institute for the World Economy (Germany)

Advance 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 transportation sector is the backbone of international trade and has faced multiple disruptions in recent years. I study the substitutability between different transport modes (such as air and ocean shipping) 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. Higher trade costs are endogenously mitigated by a shift to relatively cheaper transport modes, thereby dampening the impact of the shock. However, endogenous congestion forces limit the ability to fully substitute. I apply this framework to quantify the effects of recent shocks to the transport sector, such as the closure of the Suez Canal. I find that transport mode substitution reduces welfare losses by 6% relative to a non-substitution scenario. However, this substitutability also has potential negative consequences for the carbon footprint of international trade. Compared to a no-substitution scenario, higher maritime transport costs lead to increased carbon emissions due to substitution toward more carbon-intensive air transport.

WORK IN PROGRESS

Oligopolies in Trade and Transportation: Implications for Gains from Trade

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

Brexit and Goods Trade: A trending topic

With J. Lewis

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

- **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.*
- **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

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
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

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

*forthcoming

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

REFERENCES

Prof. Dennis Novy

Professor of Economics
University of Warwick
The Social Sciences Building, The
University of Warwick, Coventry CV4
7AL, United Kingdom
d.Novy@warwick.ac.uk

Prof. Marta Santamaria

Professor of Economics
University of Warwick
The Social Sciences Building, The
University of Warwick, Coventry CV4
7AL, United Kingdom
marta.santamaria@warwick.ac.uk

Prof. Davide Del Prete

Professor of Economics
University of Naples Parthenope
Via Generale Parisi, 13, 80132, Napoli
davide.delprete@uniparthenope.it

Dr. John Lewis

Research Manager
Bank of England
Threadneedle Street, London, EC2R
8AH, United Kingdom
john.lewis@bankofengland.co.uk