

EDOARDO TOLVA

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

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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 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 and substitution between them. 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 Russian airspace and the Suez Canal blockage. I find that transport mode substitution reduces welfare losses by 4% relative to a non-substitution scenario. However, substitution 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

2021-2022

Senior teaching assistant

International Economics (EC312)

Economics 2 (EC204)

University of Cambridge

MICHAELMAS TERM 2020-2021

Teaching Assistant for St John's College

Paper IV International Trade

OTHER WORK EXPERIENCE

Bank of England

Academic visitor at the Research Hub division

October 2022-July 2024

PhD intern

July-September 2022

London School of Economics, Centre for Economic Performance (CEP)

September 2020-May 2023

Occasional Research Assistant To Prof. S.Dhingra and Prof. C.Thomas

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

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

^{*}forthcoming

REFERENCES

Prof. Dennis Novy

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University of Warwick

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