

Víctor Ortiz Giménez

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RESEARCH INTERESTS

Policy Evaluation, Empirical International Trade, Prediction, Development, Machine Learning

EDUCATION

KU Leuven, Belgium Feb. 2022 – Aug. 2023

PhD in Economics (visiting)

- *Visiting period under the supervision of Prof. Hylke Vandenbussche:* International Trade and Machine Learning

IMT School for Advanced Studies Lucca, Italy Nov. 2018 – Jul. 2023 (Exp.)

PhD in Economics, Networks and Business Analytics (ENBA)

- *Focusing on International Trade and Machine Learning:* Export dynamics in Latin America

University of Alicante, Spain Sep. 2016 – Jul. 2018

MSc Quantitative Economics (QED)

- *Relevant Coursework:* Macroeconomics I/II/III, Advanced Macroeconomics I/II/III, Macroeconometrics, Microeconomics I/II/III, Econometrics I/II/III, Time Series, Mathematics, Statistics, Labor Economics, Behavioral Economics

Maastricht University, Netherlands Sep. 2014 – Jun. 2015

Bachelor in Economics

- *Exchange Program*
- *Relevant Coursework:* Development Economics, Country Risk Analysis, Banking, International Competition Policy, International Economics, Public Economics

University Carlos III of Madrid, Spain Sep. 2012 – Jun. 2016

Bachelor in Economics

- *Relevant Coursework:* Macroeconomics, Microeconomics, Econometrics, Mathematics, Statistics, Game Theory

EXPERIENCES

International Monetary Fund Jun. 2021 – Sep. 2021

Fund Internship Program (FIP), Washington DC (United States)

IMT School for Advanced Studies Lucca Nov. 2018 – Present

Research Assistant to Prof. Massimo Riccaboni, Lucca (Italy)

Bank of Spain Feb. 2016 – Jun. 2016

Research Assistant to Dr. Gabriel Pérez Quirós, Madrid (Spain)

Ahorro Corporacion Financiera Aug. 2015 – Jan. 2016

Finance Internship, Madrid (Spain)

TECHNICAL SKILLS

Softwares & Tools: R (*Advanced*), Stata (*Intermediate*), Eviews (*Intermediate*), MATLAB (*basic*), Python (*basic*)

Statistical: Panel Data, Time Series, Causal Inference, Big Data, Machine Learning, Text Mining (*basic*)

LANGUAGES

Spanish: Native

English: Proficiency

Italian: Intermediate

SOFT SKILLS

Collaboration

Creative thinking and problem solving

Resilience

PROJECTS

“Assessing the Impact of COVID-19 on Trade: a Machine Learning Counterfactual Analysis” (Job Market Paper)

- This paper aims to study the heterogeneity of the effects of trade shocks on different firms by using Causal Machine Learning (CML) techniques. This essay aims to analyze the effect that the COVID-19 crisis has on the trade flows and the firm's adjustment to this shock in Colombia. Machine-Learning techniques are beneficial in the presence of large amounts of data (1+ million of customs transactions) as well as in the presence of complex inter-dependencies between firms and products belonging to different sectors and countries. We find that the most affected Colombian exporters tend to have lower levels of imports and exports value in 2019, and higher levels of social stringency both at destination and origin in 2020. Models, visualization, and cleaning data are carried out in R.

“The Economic Cost of a Referendum. The case of Brexit”

- This paper estimates how GDP would have behaved in the United Kingdom after the Brexit referendum in the absence of the mentioned poll. The analysis contributes to the research on the effects of Brexit by quantifying the macroeconomic cost of this referendum before the actual Brexit had taken place. Using synthetic counterfactual techniques, in a panel of 33 countries, I find a large and significant cost of the Brexit referendum on the UK's GDP. The loss increased in time, representing 156.03 billion of USD from 2016.Q3 to 2017.Q4. The software used was Stata.

PRESENTATIONS & CONFERENCES

2022 Spanish Economic Association Conference (SAEe). Valencia, Spain
2022 Universidad Externado de Colombia. Bogotá, Colombia (online)
2022 European Trade Study Group (ETSG). Groningen, Netherlands
2022 American Economic Association (ASSA meeting). Boston, United States (Online)
2021 Leuven-Louvain Trade Workshops. Belgium (Online)
2021 16th International Study Group on Exports and Productivity (ISGEP). Nice, France
2021 IV Jornada de Investigación en Internacionalización. Madrid, Spain (Online)
2020 III Jornada de Investigación en Internacionalización. Madrid, Spain (Online)
2019 Spanish Economic Association Conference (SAEe). Alicante, Spain
2019 14th Economic Policy International Conference (JYPE14). Barcelona, Spain

GRANTS, SCHOLARSHIPS AND AWARDS

KU Leuven <i>International Scholar Scholarship</i>	2022 – 2023
Erasmus+ Grant <i>Erasmus+ Exchange Program</i>	2022 – 2023
IMT School for Advanced Studies Scholarship <i>Full Doctoral Scholarship, awarded with the 1st position out of 570 candidates</i>	2018 – 2022
University of Alicante Scholarship <i>Fee waiver</i>	2017 – 2018
Spanish Government Scholarship <i>Fee waiver</i>	2012 – 2017
Erasmus Grant <i>Erasmus Exchange Program</i>	2014 – 2015

OTHER ACTIVITIES

I have played handball at a semi-professional level for about six years, enjoy playing padel, and like traveling.