

Gian Luca Vriz

CURRICULUM VITAE



Personal details

Date of birth: March 12th, 1996

Place of birth: Tolmezzo (UD), Italy

Nationality: Italian

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Contact information

University of Edinburgh

Business School

Buckleuch Place 29

Edinburgh, EH8 9JS, UK

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Current position

Since May 2025

Research fellow in climate finance, nature statistics and data science

University of Edinburgh

Manager: Prof. Theodor Cojoianu and Prof. Luca Taschini

Research interests

- Assessment of climate change-related risk
- Advanced statistical and machine learning models for time series analysis
- Climate statistics
- Robust data-driven models for large-scale datasets

Education

January 2022 – January 2025

PhD in statistical sciences

University of Padova, Department of Statistics

Title of dissertation: “*Statistics of Climate Change: Three Advanced Econometric Essays*”

Supervisor: Prof. Luigi Grossi

Final mark: Passed

September 2019 – July 2021

Master degree in economics

University of Udine, Department of Economics and Statistics

Title of dissertation: “*SARS-CoV-2 and the elderly population: an econometric analysis of*

one year of Covid-19 in Friuli Venezia Giulia”

Supervisor: Prof. Laura Rizzi

Final mark: 110/110 cum Laude

September 2019 – July 2021

Master degree in empirical economics

University of Graz, Department of Economics

Double degree

September 2016 – July 2019

Bachelor degree in economics

University of Udine, Department of Economics and Statistics

Title of dissertation: “*Statistical Analyses in Economics and Marketing*”

Supervisor: Prof. Luca Grassetti

Final mark: 110/110 cum Laude

Visiting periods

January 2024 - May 2024

Visiting fellow

Centre for Business, Climate Change, and Sustainability (B-CCaS)

Edinburgh, United Kingdom

Director: Prof. Luca Taschini

September 2020 – February 2021

Erasmus+ programme

University of Graz

Graz, Austria

Coordinator: Prof. Christoph Kuzmics

Certifications

June 2020

Course name: First Certificate in English (FCE)

Organizing Institution: University of Udine

July 2016

Course name: Preliminary English Test (PET)

Organizing Institution: University of Cambridge

Work and academic experience

March 2022 – December 2024

Academic Representative (Doctoral Reps) at the University of Padova

March 2023 – October 2023

Research internship at Prometeia s.p.a. (Bologna, Italy)

Research project: “*Risk Integration in Climate Stress Testing and Scenario Analysis*”

Supervisor: Dott. Tiziano Bellini

October 2019 – July 2021

Tutor in the Department of Economics and Statistics, University of Udine

Awards, scholarships, and honors

December 2025

Cited in the “Report from the European Commission to the European Parliament and the Council on the application of the Carbon Border Adjustment Mechanism Regulation” (COM/2025/783 final) published by the European Commission, Directorate-General for Taxation and Customs Union.

July 2025

Cited in the “Briefing: Linking the EU and UK Emissions Trading Systems” (14 July 2025) published by the European Parliamentary Research Service (EPRS).

January 2022

Ph.D. scholarship (3 years), University of Padova

September 2020

Best graduate student at the University of Udine with a Bachelor's degree in Economics (L-33) for the 2018/2019 Academic Year

Computer skills

- Advanced knowledge of the Internet, proficiency in Microsoft applications, various e-mail programs, and PC hardware management
- Statistical software (R and STATA)
- LaTeX
- Computer-Aided Design (CAD)
- CSS (Cascading Style Sheets)
- Git
- Python

Language skills

- Italian: native
- English: fluent
- German: basic

Publications

Articles in journals

- Vriz G. L., Grossi L., (2026). “*Green bubbles: a four-stage paradigm for detection and propagation*”.
Energy Economics: 109095
<https://doi.org/10.1016/j.eneco.2025.109095>
- Vriz G. L., (2023). “*I rischi nascosti della crisi climatica sul sistema finanziario*”.
Etica per le professioni 1/2023, 67–73
ISBN 979-12-80842-35-0

Chapter in book

- Taschini L., Vriz G. L., (2024). “*Securing the UK’s Renewable Future: Addressing CBAM Challenges*”.
In Accelerating Transition: Climate Finance Policies to Prioritize in the First 100 Days, King’s College London, 86-88

Book of abstracts

- Vriz G. L., Grossi L., (2023). “*Green bubbles: A novel paradigm of detection and propagation*”.
In Programme and Abstracts of the 17th International Conference on Computational and Financial Econometrics, Econometrics and Statistics (EcoSta), 83-84
ISBN 978-9925-7812-7-0
- Vriz G. L., Cojocanu T., Fischer C., Taschini L., (2025). “*A robust empirical analysis of the EU carbon border adjustment mechanism: Early signals from EU and India steel trade*”.
In Programme and Abstracts of the 19th International Conference on Computational and Financial Econometrics, Econometrics and Statistics (EcoSta), 68
ISBN 978-9925-7812-9-4

Dissemination of results

- Taschini L., Vriz G. L., Burke J., (2024). “*What is the effect of border carbon adjustments on Britain’s electricity flows?*”.
Grantham Research Institute on Climate Change and the Environment, London School of Economics and Political Science

Working papers

- Vriz G. L., Cojocanu T., Fischer C., Taschini L., (2025). “*Early Signs the EU Carbon Border Adjustment Mechanism Is Reshaping EU-India Steel Trade*”.
SSRN <https://ssrn.com/abstract=5524624>.

Conference presentations

- Vriz G. L., Cojorianu T., Fischer C., Taschini L. (2025), A robust empirical analysis of the EU carbon border adjustment mechanism: Early signals from EU and India steel trade. *19th International Conference on Computational and Financial Econometrics (CFE)*, London, United Kingdom
- Vriz G. L., Cojorianu T., Fischer C., Taschini L., (2024), The Impact of EU Carbon Border Adjustment Mechanism Evidence from EU-India Complex Supply Chains. *1st International Workshop on Economic Complexity and Macroeconomic Dynamics*, Valencia, Spain
- Vriz G. L., Bellini T., (2024), Stochastic Climate Change Scenarios and Forecasts: A GDP analysis to credit risk losses. *12th Mannheim Conference on Energy and the Environment*, ZEW - Centre for European Economic Research, Germany
- Vriz G. L., Grossi L., (2023), Green bubbles: A novel paradigm of detection and propagation. *17th International Conference on Computational and Financial Econometrics (CFE)*, Berlin, Germany
- Vriz G. L., Grossi L., (2023), Green bubble, detection and propagation in the energy market. *12th International Ruhr Energy Conference (INREC)*, Essen, Germany

Other events and roles

- Peer reviewer for the Journal of Climate Finance (Since October 2025)
- *Twelfth Summer School on Sensitivity Analysis of Model Output* (2024), organized by the Joint Research Centre of the European Commission in collaboration with the Department of Economics and Management at the University of Parma (selected participant)
- *The Data Research Camp* (2024), organized by the Department of Statistics, Computer Science, Applications at the University of Firenze (selected participant)

Other interests

- Synthetic data generation processes
- Models of political economy
- Survival analysis
- Advanced macroeconomic theory

Date: January 6, 2026

Signature: Gian Luca Vriz