

# Gian Luca Vriz

## CURRICULUM VITAE



### Personal details

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Date of birth: March 12<sup>th</sup>, 1996

Place of birth: Tolmezzo (UD), Italy

Nationality: Italian

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### Contact information

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University of Edinburgh

Business School

Buckleuch Place 29

Edinburgh, EH8 9JS, UK

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### Current position

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*Since May 2025*

**Research fellow in climate finance, nature statistics and data science**

University of Edinburgh

Manager: Prof. Theodor Cojoianu

### Research interests

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

### Education

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*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**

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*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**

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*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**

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*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

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*July 2025*

The web publication Taschini L., Vriz G.L., Burke J. (2024). “*What is the effect of border carbon adjustments on Britain’s electricity flows?*” was 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

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- 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

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

### Publications

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#### Articles in journals

- 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**

## 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., Grossi, L (2024). “*Green bubbles: a four-stage paradigm for detection and propagation*” arXiv preprint [arXiv:2410.06564](https://arxiv.org/abs/2410.06564)
- 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

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- Vriz G. L., Cojocanu T., Taschini L., and Fischer C. (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**

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- *Peer reviewer* for the Journal of Climate Finance (Since Ocotber 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**

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

**Date:** November 2, 2025

**Signature:** Gian Luca Vriz