

Gian Luca Vríz

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
Buccleuch 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

Research interests

- 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

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 or 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 and scholarship

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. (2023). “*I rischi nascosti della crisi climatica sul sistema finanziario*”. Etica per le professioni 1/2023, 67–73, **ISBN 979-12-80842-35-0**

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
- 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

Working papers

- Vriz, G. L., and Grossi, L (2024). “*Green bubbles: a four-stage paradigm for detection and propagation*”. arXiv preprint **arXiv:2410.06564**

Conference presentations

- Vriz G. L., Cojoianu 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

- *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: May 7, 2025

Signature: Gian Luca Vrizz