

Curriculum Vitae

PERSONAL INFORMATION

Costanza Bosone

Ph.D.

Advisor: Prof. P. Giudici, full Professor of Statistics, University of Pavia

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Birth date: [REDACTED]

Nationality [REDACTED]

EDUCATION

- 11/2021–01/2025 **Ph.D. in Economic Statistics**
University of Pavia &
University School for Advanced Studies (IUSS) (IT)
Supervisor: Prof. Giudici, Statistics, University of Pavia
- 10/2019–10/2021 **M.Sc. in International Macroeconomics**
University of Tübingen (DE) & University of Pavia (IT)
Programme: Double Degree Student
German Grade: 1.3 (sehr gut)
Italian Grade: 110 cum laude
Supervisors: Prof. Manger, Labour Economics, University of Tübingen;
Prof. Giudici, Statistics, University of Pavia
- 09/2016–07/2019 **B.Sc. in Economics**
University of Pavia (IT)
Final grade: 110 cum laude
- 09/2011–06/2016 **Gymnasium**
Grammar High School, Ugo Foscolo (IT)
Specialization: Latin and Ancient Greek (Grammar & Literature)
Grade: 94/100

PROFESSIONAL EXPERIENCE

- 01/2025–06/2025 **Duke University (USA)**
Post-Doc, Visiting Researcher

Department: Statistics
Supervisor: Prof. David Banks, Duke University

- 05/2024–12/2024 **Bank for International Settlements (BIS) (CH),
Research Fellow**
Department: Monetary and Economic Department (MED)
Advisor: Leonardo Gambacorta, Head of Unit
- 09/2022–09/2023 **European Central Bank (ECB) (DE),
Ph.D. Traineeship**
Directorate: Economics
Division: Euro Area External Sector and Euro Adoption Division
- 07/2022–Present **International Center of Economic Analysis (ICEA),
Research Fellow**
Institution: International Center of Economic Analysis (ICEA)
Journal: Review of Economic Analysis
Additional Activity: Member of Scientific Committee in the 5th Warsaw Money-Macro-Finance Conference (06/2023)
- 02/2019–07/2019 **University of Pavia (IT),
Research Assistant (trainee)**
Department: Economics and Management
Chair: Macroeconomy

RESEARCH ACTIVITY

Publications

1. BOSONE, C., AND STAMATO, G. Beyond borders: How geopolitics is reshaping trade. *SUERF Policy Brief* (October 2024)
2. BOSONE, C., CERCHIELLO, P., AND KOSTIUK, Y. Not all that glitters is green: empirical evidence from the eurostoxx600 on stakeholders perception of greenwashing. In *International Journal of Data Science and Analytics* (2024). <https://doi.org/10.1007/s41060-024-00641-7>
3. BOSONE, C., AND STAMATO, G. Beyond borders: How geopolitics is reshaping trade. *ECB Working Paper Series*, 2096 (July 2024). doi:10.2866/ 540886
4. BABAEI, G., BANKS, D., BOSONE, C., GIUDICI, P., AND SHAN, Y. Is ChatGPT More Biased Than You? *Harvard Data Science Review* 6, 3 (July 2024). doi:10.1162/99608f92.2781452d
5. BANKS, D., BOSONE, C., CARPENTER, B., SHAH, T., AND SHI, C. Large Language Models: Trust and Regulation. *Harvard Data Science Review* 6, 3 (July 2024)

6. BOSONE, C., DAUTOVIC, E., MICHAEL, F., AND STAMATO, G. How geopolitics is changing trade. In *VOX-EU* (May 2024), CEPR
7. BOSONE, C., DAUTOVIC, E., MICHAEL, F., AND STAMATO, G. How geopolitics is changing trade. In *ECB Economic Bulletin* (March 2024), European Central Bank, pp. 49–53
8. LANE, P., BOSONE, C., AND GUNNELLA, V. Terms of trade and price level deflators relative to gdp and income effects of euro area terms of trade. *The ECB blog: Inflation diagnostics* (2022), 15–17
9. BOSONE, C., BOGLIARDI, S. M., AND GIUDICI, P. S. Are esg female?: The hidden benefits of female presence on sustainable finance. *Review of Economic Analysis* 14, 2 (2022), 253–274

Under Review

1. BOSONE, C., AND STAMATO, G. Beyond borders: How geopolitics is reshaping trade. In *Canadian Journal of Economics* (2024)
2. BOSONE, C., AND GIUDICI, P. Gravity model meets random forest: Explaining the impact of geopolitical tensions on trade flows. In *Journal of Applied Econometrics* (2025). Conference proceeding version available at SSRN

Working Papers

1. BOSONE, C. The unbearable lightness of fixed effects: Can they enhance the random forest? Conference proceeding version available at SSRN.
2. BOSONE, C., GAMBACORTA, L., AND GIUDICI, P. Forecasting the impact of AI on the labour markets.

Conference (as presenter)

1. BOSONE, C., AND GIUDICI, P. Gravity meets tree: Explaining the random forest. In *1st CAM-Risk Conference* (Pavia, December 2024), University of Pavia, Department of Economics and Management
2. (INVITED SPEAKER) BOSONE, C. How sustainable is AI? In *IMS International Conference on Statistics and Data Science* (Nice, December 2024), Institute of Mathematical Statistics (IMS)
3. (INVITED SPEAKER) BOSONE, C. Beyond borders: How geopolitics is reshaping trade. In *ECFIN European Commission Seminar* (Brussels, November 2024), Economic and Financial Affairs - European Commission
4. (INVITED SPEAKERS) BOSONE, C., AND STAMATO, G. Beyond borders: How geopolitics is reshaping trade. In *International Trade Seminar Series* (Washington D.C., October 2024), United States International Trade Commission
5. (INVITED SPEAKER) BOSONE, C., HEID, B., CHAPMAN, G., NORBERG, H., AND SHEPHERD, B. Geopolitics: learning from the past to help inform the future. In *Trade Policy Research Forum Webinars* (Online, September 2024), Trade Policy Research Forum

6. BOSONE, C., AND PAOLO, G. Gravity meets tree: Explaining the random fores. In *Milan PhD Economics Workshop* (University of Milano-Bicocca, September 2024), Bocconi University, Università Cattolica del Sacro Cuore, Politecnico di Milano, University of Milan, University of Milan-Bicocca and University of Pavia
7. BOSONE, C., AND GIUDICI, P. To forecast or not to forecast: Evaluating the predictive power of random forests against gravity model. In *44th International Symposium on Forecasting* (Dijon, July 2024), International Institute of Forecasters
8. BOSONE, C., AND STAMATO, G. Reshaping trade: a gravity approach to the role of geopolitical tensions. In *International Conference on Macroeconomic Analysis and International Finance* (Crete, May 2024), University of Crete, Department of Economics
9. BOSONE, C. Panel discussion on large language models (llms). In *Harvard Data Science Review* (December 2023). Panel discussion speaker. Moderator: Prof. David Banks, Duke University, USA
10. BOSONE, C., AND STAMATO, G. Reshaping trade: a gravity approach to the role of geopolitical tensions. In *RCC5 Brownbag Seminar* (Frankfurt am Main, December 2024), European Central Bank Directorate of Research
11. KOSTIUK, Y., BOSONE, C., AND CERCHIELLO, P. Empirical evidence on the drivers of greenwashing from the eurostoxx600. In *The 51st Scientific Meeting of the Italian Statistical Society* (Caserta, Jun 2022), Società Italiana di Statistica
12. BOSONE, C., KOSTIUK, Y., AND CERCHIELLO, P. Not all that glitters is green: Empirical evidence on the drivers of greenwashing from eurostoxx600. In *International, Sustainable and Climate Finance* (Napoli, Jun 2022), Parthenope University
13. BOSONE, C., BOGLIARDI, STEFANIA, M., AND GIUDICI, P. Are esg female? In *Gender Inequality Conference. Sixth Conference in the After the Pandemic Series* (Dec 2021), International Centre for Economic Analysis (ICEA)

Thesis

1. BOSONE, C. Changing trade and the role of sustainability: a European perspective. Phd Thesis, 2025
2. BOSONE, C. On gender inequality on the labour market and the benefits of job flexibility. Master Thesis., 2021

SCHOOLS AND COURSES

08/2024

Italian Econometric Association (IT), Post-graduate Course

Advanced Bayesian Econometrics: Bayesian Multivariate Models and Forecasting in Economics and Finance

Instructors: R. Casarin (Ca Foscari University of Venice), M. Ciccarelli (European Central Bank) and F. Ravazzolo, (BI Norwegian Business School, Norway)

05/2024	Lancaster University (UK), Summer School <i>Inference in macro-models: from big data analysis to SVAR</i> Instructors: D. Giannone (University of Washington) and G. Primiceri (Northwestern University)
06/2022	Paris School of Economics (FR), Summer School <i>Development - Inequality, social interactions and institutional dynamics</i> Instructor: E. Zhuravskaya (Paris School of Economics)

AWARDS

2024	Bank of Italy Grants for Female Economists, Winner
2021	University of Tübingen (DE) Sustainability Award for Theses, Nomination

EXTRA-CURRICULAR ACTIVITIES

05/2018–2020	Student Representative Member: Discipline Board, Joint Assembly Department of Economics and Management, University of Pavia
09/2016–2022	Paediatric Oncologic Unit Volunteer Association: Lucia Cerri Association S.Matteo Hospital, Pavia
10/2018–2023	Banco Alimentari Volunteer Association: Banco Alimentare della Lombardia "Danilo Fossati" ODV Pavia

LANGUAGES

Italian (native)
English (C1), Advanced
CAE, 2017
French (B1), University of
Pavia (IT), 2022
German (A2), University
of Tübingen (DE), 2021

DIGITAL SKILLS

Python
R, STATA, MATLAB
Bloomberg Market Concepts (BMC), Patent
Latex, Canva
Microsoft Office (ECDL)

Pavia, Italy, March 2, 2025