

Adelajda Matuka ([Google Scholar Profile](#))

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Department of Economics

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Place of Birth: Vlorë, Albania

Citizenship: Albanian

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Education

2017 – 2021 PhD in Quantitative Methods for Economic Policy (Curriculum: Mathematical and Statistical Methods for Economic Policy) obtained at the Department of Economics and Law of the **University of Macerata**, Macerata (Italy)

Thesis Title: “ECB’s Spillovers of unconventional monetary policies in Nordic countries”

2014-2017 Master of Science in Finance obtained at the Department of Finance of the University of Vlorë “Ismail Qemali”, Vlorë (Albania)

Thesis Title: “Inefficiencies of public finances in Albania”

2015-2016 Exchange at the Department of Management (non-degree programme) at **University of Warsaw**, Warsaw (Poland)

2011-2014 Bachelor in Accounting at the Department of Finance of the **University of Vlorë “Ismail Qemali”**, Vlorë (Albania)

Thesis Title: “Pension System in Albania”

Work Appointments

2023-Present (Junior Fixed-Time Researcher) within DARE PROJECT-PNRR (<https://www.fondazioneadare.it/it/partner-progetto>) at the **Department of Economics, University of Bologna (Italy)** under the supervision of **Prof. Gianluca Fiorentini**

The study is set within the Local Health Authority of Romagna, where specialised hospital cardiology units provide continuous monitoring of patients with severe heart failure through structured outpatient chronic care clinics. We analyse the causal impact of enrolment in these programmes on disease management using longitudinal administrative panel data. The evaluation focuses on healthcare utilisation and outcome indicators, including hospital admissions, emergency department visits, outpatient services, pharmaceutical use, and mortality. By exploiting the panel structure of the data, we control for patient heterogeneity and identify the effect of programme participation on health outcomes and healthcare consumption.

2023- Data Manager and Analyst (Research Fellow) at ORCHESTRA PROJECT-Horizon 2020 (<https://orchestra-cohort.eu/partner/unibo/>) at the **Department of Medical and Surgical Science, University of Bologna (Italy)** under the supervision of **Prof. Paolo Boffetta**

I contributed to WP5 of the ORCHESTRA project, a large European collaborative initiative investigating COVID-19 dynamics among healthcare workers across multiple countries. The work package focused on understanding how SARS-CoV-2 infection, vaccination, and immune responses evolved over time in occupational settings. Activities included harmonising multi-country cohort data, monitoring longitudinal antibody responses, analysing vaccine effectiveness and breakthrough infections, and assessing reinfection risks. Through coordinated data integration and epidemiological analysis, the project generated robust evidence to inform public health strategies, vaccination policies, and occupational safety guidelines for healthcare workers in Europe.

GASTRIC Project (National Project) - This internal UNIBO research initiative analyses patient-level microdata to investigate the determinants and progression of gastric tumours. The study examines how demographic and clinical characteristics influence disease patterns among patients treated at Sant'Orsola-Malpighi Hospital from 2016 to the present. Using longitudinal panel data, we track patients over time to analyse treatment pathways, disease evolution, and health outcomes. The empirical strategy leverages the panel structure of the data to control for individual heterogeneity and identify associations between demographic factors and tumour characteristics, contributing to a deeper understanding of risk profiles and potential implications for clinical decision-making and healthcare planning.

2022-2023-Researcher (Research Fellow) at BECOOL PROJECT-Horizon 2020 (<https://www.becoolproject.eu>) at the **Department of Agriculture and Food Sciences, University of Bologna (Italy)** under the supervision of **Prof. Matteo Vittuari and Knowledge Transfer Office**

Contributed to the development of the Final Exploitation Plan (Deliverable 6.10) and the IPR Management and Strategy Report (Deliverable 6.7) within the EU-funded project *Brazil-EU Cooperation for Development of Advanced Lignocellulosic Biofuels* (Grant Agreement No. 744821). Actively supported the management of Intellectual Property Rights (IPR), ensuring effective protection, promotion, and exploitation of the project foreground in alignment with the Grant Agreement and Consortium Agreement. Maintained direct engagement with project cohorts and stakeholders, designing and implementing a survey to assess their future perspectives on intellectual property management within BECOOL. Contributed to the structured methodology for knowledge valorisation and exploitation, complementing the Preliminary Exploitation Plan and supporting strategic decision-making for innovation uptake and commercialisation.

2017-2021 PhD Candidate at the Department of Economics and Law, University of Macerata (Italy) under the supervision of Prof. Luca Riccetti

I conducted research in financial economics, macroeconomics, and applied economics for my thesis, focusing on empirical analysis of economic and financial dynamics. My work primarily relied on time-series data, employing econometric techniques to study macro-financial relationships, market behaviour, and policy implications. I developed strong skills in modelling, estimating, and interpreting dynamic processes, including forecasting and causal analysis. In addition to time-series methods, I gained experience with panel data, applying fixed-effects and longitudinal approaches to account for unobserved heterogeneity and to improve identification.

Awards

2025-2026 Diaspora Scholar awarded by the EU4Innovation Office in Albania.

November/2024 -Best Alumni Awarded by the University of Vlorë, Vlorë(Albania).

September 2019 -Grant holder of the 8th Seminar funded by Bundeswehr Centre for Public Affairs,the Federal Ministry of Defence, Bonn and Berlin, Germany.

June 2017-Grant holder at University of Warsaw, TranSol Summer School, Warsaw,Poland.

October 2015-June 2016 Erasmus Mundus Sigma Agile 2 Scholar at University of Warsaw, Warsaw, Poland.

Scholarships

September/2026 Scholar for the School of Public Health, University of Zagreb, Croatia

July/2026 -Scholar at Difference-in-Differences with Panel Data Course by Prof. Jeffrey Wooldridge at Barcelona Graduate School of Economics (Spain)

September/2025- Scholar at the 3rd FReDA/GGS (The German Demography Panel Study) Autumn School at Johannes Gutenberg University Mainz (Germany)

September/2025- Scholar at the Course for Survey Measurement of Health: Implications for Social Science Research at the University of Southampton (UK)

October/2024-Scholar at the University of Oxford, Health Economics and Policy Evaluation Course

2023- Scholar at the University of Trento for the Trento Summer School on Economics and Institutions in Europe

2023 -Scholar at the University of Verona for the Summer School for Spatial Health Econometrics

2023- Scholar at the University of Trento (Italy) for the Summer School Axel Leijonhufvud

2017-2021 -PhD scholar at the University of Macerata, Macerata, Italy)

2017-2019 - Scholar at the University of South Wales, Wales, (UK)

September 2019 -Grant holder of the 8th Seminar funded by Bundeswehr Centre for Public Affairs,the Federal Ministry of Defence, Bonn and Berlin, Germany.

May 2018-Scholar at Digital Communication and Politics Seminar by American University and American Embassy in Bucharest, Romania.

September 2017-Full scholar at Ryan International School, New Delhi, India)

Trainings

August, 2026 – Participant at Empirical Macroeconomics Summer School at the University of Ghent, Belgium

February 2026 – Participant at Causal Inference for Economics and Policy Making at Barcelona Graduate School of Economics

February 2025-Participant at Ljubljana Winter School on Applied Time Series Analysis and Forecasting with STATA and R at the School of Economics and Business at the University of Ljubljana

July 2025-Participant at Ljubljana Summer School on Applied Discrete Choice and Panel Data Analysis with STATA and R at the School of Economics and Business at the University of Ljubljana

Research Experience

November 2019- May 2020- Visiting scholar (fully funded) at the Research Centre of International Economics - Barcelona Graduate School of Economics at the University of Pompeu Fabra

May 2019- June 2019- Visiting scholar (fully funded) at the Central Bank of Albania

June 2018 – Visiting Scholar (fully funded) at Levy Economics Institute of Bard College, USA

Teaching Activities

2026–2027 – **Lecturer**, *Applied Economics with R* (30 hours, 6 CFU) and *Introduction to Economics* (30 hours, 3 CFU), Department of Economics, University of Bologna.

2026 – **Invited Lecturer**, Workshop *Applied Economics with R* (3 hours), Department of Medicine and Department of Economics, Technology and Innovation, Western Balkans University, Albania.

2025 – **Invited Lecturer**, Workshop *Applied Economics with R* (3 hours), Department of Economics, University "Ismael Qemali", Vlorë, Albania.

2025 – Invited Lecturer, Workshop *Applied Economics with R* (15 hours), Department of Economics, European University of Tirana, Tirana, Albania.

2025–2026 – Lecturer, *Applied Economics with R* (30 hours, 6 CFU), Department of Economics, University of Bologna.

2024–2025 – Lecturer, *Applied Economics with R* (30 hours, 6 CFU), Department of Economics, University of Bologna.

2023–2024 – Lecturer, *Applied Economics with R* (30 hours, 6 CFU), Department of Economics, University of Bologna.

2022–2023 – Teaching Assistant, *Econometrics* (10 hours, 3 CFU), Department of Statistical Sciences, University of Bologna, under the supervision of **Prof. Andrea Carriero**.

2022–2023 – Teaching Assistant, *Business Statistics: Methods and Applications* (30 hours, 10 CFU), with **Stata**, Department of Statistical Sciences, University of Bologna, under the supervision of **Prof. Martin Forster**.

2022–2023 – Lecturer, *Crash Course in Finance* (30 hours, 3 CFU), Department of Management, Rimini Campus, University of Bologna, under the supervision of **Prof. Giulia Baschieri**.

2021–2022 – Teaching Assistant, *Macroeconomics* (10 hours, 10 CFU), Department of Political and Social Sciences, University of Bologna, under the supervision of **Prof. Filippo Massari**.

Conference Participation and Academic Activities

November 2026 (Forthcoming)- Poster Presentation at the 20th South-Eastern European Economic Research Workshop, organised by the Central Bank of Albania, Tirana, Albania.

September 2026-Participant at the XIX Italian Conference of Stata Users, Milan, Italy.

May 2026 – Poster Presentation at the StaTalk Conference, organised by the Young Italian Statistical Society, School of Management and Economics (SME), Turin, Italy.

May 2026 – Participant at the External Statistics Conference, organised by the Irving Fisher Committee on Central Bank Statistics, Bank for International Settlements (BIS), European Central Bank (ECB), and the National Bank of Poland, Kraków, Poland.

June 2026 – Poster Presentation at the International Risk Management Conference, organised by the Risk Banking and Finance Society, Warsaw, Poland.

June 2026- Participant at the Research Conference on Monetary Policy, organised by the Bank of Italy, Rome, Italy.

2025 – Presenter at the READ International Scientific Conference for the Diaspora, organised by the Albanian-American Development Foundation and the University of Tirana, Tirana, Albania.

2024 – Presenter at the Italian Health Economics Association Annual Conference, organised by the Italian Health Economics Association, Italy.

2020 – Presenter at the 14th South-Eastern European Economic Research Conference, organised by the Central Bank of Albania, Tirana, Albania.

2017 – International Students Conference, University of Prishtina, Prishtina, Kosovo.

2017 – *History of Success* – Inspirational Speech, European Union Office in Vlorë, Albania.

Professional membership

Italian Econometric Association (SIde), Italian Health Economics Association (AIES)

Member of the working group Cost Action C24163 (*Modelling cross-sectoral cascading climate impacts on Europe to design coherent policy responses*)

Member of the working group Cost Action CA22152(*Supporting emerging care economy, empowering caregivers to provide safe care at home*)

Personal Information

Language: English (CAE C1 Cambridge Certificate), Italian (B2), Albanian (Native)

Skills and competences

General Digital Skills

STATA, EVIEWS, R, SPSS, ORBIS, Thomson & Reuters DataStream