

MATTIA BENATO CORTECCI

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EXPERIENCE

Pre-Doctoral Research and Teaching Assistant

Milan, Italy

Bocconi University & SDA Bocconi

November 2024 – Present

- Research Assistant for the PNRR MUSA project, focusing on quantitative and qualitative analysis of public health policies. Teaching Assistant for the course “Foundations of Social Sciences (Empirical Research Methods and Data Analysis)”, MSc in “Economic and Social Sciences”, 2025/2026.
- Supervisors: Prof. Marco Bonetti, Prof. Giovanni Fattore, Prof. Valeria Tozzi.
- My research focuses on the integration of AI-powered technologies in healthcare, with particular emphasis on cancer screening, and has contributed to the development of the new Italian national guidelines on the use of AI applications in breast cancer screening, recently published by the Italian National Institute of Health (Istituto Superiore di Sanità). I also analyze population stratification algorithms and first-line treatment systems to improve their effectiveness, especially in the management of chronic diseases.

Intern

Rome, Italy

*Italian Government Presidency of the Council of Ministers –
Department for Cohesion Policies and the South*

June 2024 – September 2024

- Provided support for projects on the just transition of Italian territories, in collaboration with the European Commission’s DG REFORM, the Italian Ministry of Environment and Energy Security, and the Ministry of Enterprises and Made in Italy. These projects were aligned with the National Energy and Climate Plan (PNIEC) and the European Technical Support Instrument (TSI).
- Collaborated with JASPERS (European Investment Bank), companies, managing authorities, and regional entities to develop guidelines and best practices for climate-proofing in line with the SEA and EIA directives.

Research Assistant

Milan, Italy

Dondena research centre on social dynamics and public policy (Bocconi University)

January 2024 - April 2024

- Conducted a structured review of the applications of AI in healthcare (with a focus on prevention in oncology) and of the issues concerning the governance of AI and its impact on individuals and societies, also taking into account the problems of ethics and accountability that arise.

EDUCATION

MSc in Politics and Policy Analysis (LM-72)

Milan, Italy

Bocconi University

2022-2024

- Thesis: "Artificial intelligence in breast cancer screening: a systematic review of clinical applications and its policy implications."
- Grade: 105/110
- MSc fully taught in English
- Relevant courses: Political Science (Comparative Politics & International Relations), Decisions and Organizations (Game Theory), Methods and Tools for Policy Analysis, Welfare and Public Economics, Law and Policy Making.

Hertie School (Erasmus+)

Berlin, Germany

MSc in Politics and Policy Analysis (LM-72)

08-12/2024

- Courses: Governance and Politics of Artificial Intelligence, EU Institutions, Intra-State Conflict and Foreign Policy, Economics of Media.

BSc of Economics (LT-33), Major: Quantitative Methods for Economics

Milan, Italy

Università Cattolica del Sacro Cuore

2019-2022

- Thesis: "Russo-Ukrainian war and food crisis: consequences and policy implications."
- Grade: 110/110 cum laude
- Relevant courses: Mathematics for Economic Applications, Econometrics, Development Economics, Applied Statistics.

PUBLICATIONS

Journal articles

- Ottria, G., Ellero, A., Frassi, C., Amorfini, A., Rosani, I., & Benato Cortecci, M. (2025). Human reactions to the 2023 Al Haouz earthquake in Marrakech, Morocco: Findings from a survey within the UNESCO Global Geoparks community. *International Journal of Disaster Risk Reduction*, 125, 105597. <https://doi.org/10.1016/j.ijdr.2025.105597>

Working papers

- Fattore, G., Benato Cortecci, M., Fasoli, R., Maggino, T., Mantellini, P. & Deandrea, S. (2025). Artificial Intelligence Applications in Population-Based Cancer Screening: Evidence from a National Survey of Italian Professionals.
- Fattore, G., Benato Cortecci, M., Caumo, F., Frigerio A., Girardi, V. & Deandrea, S. (2025). Implementing Artificial Intelligence Applications in Population-Based Breast Cancer Screening: Evidence from a National Survey, Interviews, and Text Analysis of Italian Professionals.
- Varriale, C., Fattore, G., Benato Cortecci, M. (2025). Merging public health agencies: A mixed-methods analysis.

Preprints

- Benato Cortecci, M., & Bonetti, M. (2024). Analysis of artificial intelligence applications in healthcare: A review of technologies, ethical concerns, and regulatory issues. *SocArXiv*. <https://doi.org/10.31235/osf.io/beudp>

SKILLS

IT: Microsoft Office Suite, R, Stata, Python, L^AT_EX.

Languages: English – C1 (IELTS 7.5, 2025); French – B1; Spanish – A2; Italian – Native.

Conference participations as speaker: AIS "Attualità in Senologia (Advances in Senology)" 2025

Other certifications: Summer School on Modern Methods in Biostatistics and Epidemiology (BioEpiEdu 2025), jointly organized by faculty from Karolinska Institutet, the Harvard T.H. Chan School of Public Health, Bocconi University, and other leading European universities; Reviewer for the journal "Health Policy"; Course "Introduction to sustainable finance" (ALTIS Graduate School of Business and Society, Università Cattolica del Sacro Cuore, Milan, 2022).

I hereby consent to the processing of the data I provided in this CV in accordance with the Regulation of the European Parliament 679/2016

Milan, 13 January 2026

