

Marta Mainetti

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Education

University of Milano-Bicocca <i>Master of Science in Biostatistics</i>	<i>2022 – 2025</i>
◦ Final Grade: 110/110 with honors	
◦ Thesis title: Umbilical cord blood lead levels: predictions using micro-spatial child dentine measures.	
University of Padova <i>Second-level university master in Machine learning and big data for precision medicine and biomedical research</i>	<i>2026 -</i>
University of Milano-Bicocca <i>First-level university master in Business Intelligence & Big Data Analytics</i>	<i>2023 – 2024</i>
University of Milano-Bicocca <i>Bachelor of Science in Statistical and Economic Sciences</i>	<i>2019 – 2022</i>
◦ Final Grade: 110/110 with honors	
◦ Thesis title: Open Innovation and corporate taxonomies: a reading through managers' behaviors and Pavitt classification.	

Professional and Research Experience

Doctoral Student <i>Graduate school of Health Sciences, University of Bern</i>	<i>Bern, CH</i> <i>May 2025 –</i>
◦ Specialization: Biostatistics and Epidemiology	
◦ Research areas: evidence synthesis, framework for predictive modeling, individualized treatment effect.	
Biostatistician <i>European Institute of Oncology</i>	<i>Milan, IT</i> <i>Feb 2025 – Apr 2025</i>
◦ Research Fellow at the Molecular-Pharmacoepidemiological Unit.	
◦ Research areas: radiomics, psycho-oncology.	
Visiting Graduate Student <i>Icahn School of Medicine at Mount Sinai</i>	<i>New York City, USA</i> <i>Jul 2024 – Jan 2025</i>
◦ Internship at the Department of Environmental Medicine and Climate Science	
◦ Research areas: environmental medicine, lead exposure, machine learning for clinical outcomes.	
Data analyst <i>A.Matic SRL</i>	<i>Annone di Brianza, IT</i> <i>Nov 2023 – Jun 2024</i>
◦ Implementation of architectures of Business Intelligence and data analysis strategies	
◦ Extraction of data-driven insights from corporate data	
DoteComune Intern <i>Lecco City Hall</i>	<i>Lecco, IT</i> <i>Dec 2021 – Nov 2022</i>
◦ Internship at the Revenue Office	
◦ Management of office procedures and back-office support.	

Conferences and presentations

Radiomic features and segmentation: comparison between two readings (oral presentation)
Artificial Intelligence Grand Round, IEO (Milan, IT), 2025.

Network meta-analysis: from key concepts to Advanced Methods (facilitator)
ISCB Pre-Conference Course (Basel, CH), 2025.

Skills

Native language: Italian

Other languages: English (C1, IELTS 7.5), French (B1), German (B1), Russian (A1), Korean (A1)

Programming: R, SAS, Python

Database: Relational (SQL), Non-relational (MongoDB, Neo4J)

Volunteering

Intercultura ODV: Chair of Local Chapter in Lecco (Lecco, IT)

AFS Intercultural Programs Switzerland: Volunteer at the Local Chapter in Bern (Bern, CH)