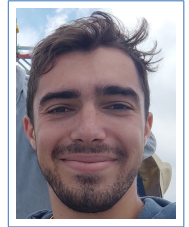# Giovanni Romanò

Curriculum Vitae

Karlsruhe, 76137, Germany
✉ *giovanni.romano@kit.edu*
🖥 *Personal Page*
DOB: 29/04/1997

Current position

Oct 2025 – Present **Postdoctoral researcher**, KIT – *Karlsruhe Institute of Technology*, Karlsruhe.
Postdoctoral researcher within the KleinLab group, supervised by Prof. Nadja Klein

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Publications

Submitted

[2025+] **Dependent stochastic block models for age-indexed sequences of directed causes-of-death networks**, *arXiv:2510.01806*, Romanò G., Castiglione, C., Durante, D., [link].

[2025+] **Bayesian local clustering of age-period mortality surfaces across multiple countries**, *arXiv:2504.05240*, Romanò G., Aliverti, E., Durante, D., [link].

Proceedings

[2025] **Age-Dependent Analysis of Mortality Patterns in Italy: A Network Perspective via Dynamic Stochastic Block Models**, *Statistics for Innovation I, SIS 2025, Short Papers, Plenary, Specialized, and Solicited Sessions (di Bella, E., Gioia, V., Lagazio, C., Zaccarin, S.), pp. 271-276.*, Castiglione C., Romanò G. (2025), [link].

Ongoing projects

[2025+] **Model-based dynamic clustering of leading causes of death trajectories under the Hamming distance**, Romanò G., Piccarreta R., Durante, D.

[2025+] **Bayesian clustering of time-warped sequences of categorical variables**, Romanò G., Klein N.

[2025+] **Bayesian mode regression through nested interval loss**, Romanò G., Klein N.

Education

2021 – Present **Ph.D. in Statistics**, BOCCONI UNIVERSITY.
Thesis Title: *Bayesian hierarchical modeling of array-structured demographic data*
Advisor: Daniele Durante. Co-Advisor: Emanuele Aliverti
Expected defense: January 2026.

2019 – 2021 **M.Sc. in Statistics, 110/110 cum laude**, UNIVERSITY OF PADOVA.
Thesis Title: *Combination of estimates through confidence densities in logistic regression models* [link]
Advisor: Nicola Sartori

2016 – 2019 **B.Sc. in Statistics, 110/110 cum laude**, UNIVERSITY OF MILANO-BICOCCA.
Thesis Title: *Predictive maintenance, statistical approaches and models*
Advisor: Piergiorgio Lovaglio

2011 – 2016 **High School Diploma in Scientific Studies**, LICEO SCIENTIFICO ALEXIS CARREL, Milano.

Teaching

Feb 2024 – Sep 2025 **Teaching Assistant**, BOCCONI UNIVERSITY.
Teaching assistant for the course of Machine Learning (20596), first year of Master's in Data Science and Business Analytics (DSBA).

Feb 2024 – Sep 2025	**Teaching Assistant**, BOCCONI UNIVERSITY. Teaching assistant for the course of Time Series Analysis of Economic–Financial Data (20236), first year of Master's in Economics.
Sep 2022 – Sep 2025	**Teaching Assistant**, BOCCONI UNIVERSITY. Teaching assistant for the course of Statistics (30001), second year of Bachelor's in Economics.

Work Experience

Feb 2016 – May 2016	**Intern**, DELOITTE CONSULTING, Milano. I worked in the actuarial department as a statistician, developing a VBA application for an important Italian insurance company.

Conferences Presentations

Aug 2025	**Climbing Mortality Models II**, Misurina. Talk: *Model-based dynamic clustering of leading causes of death trajectories under the Hamming distance*
Jun 2025	**BNP14**, UCLA, Los Angeles. Poster session: *Dependent stochastic block models for sequences of directed networks, with application to USA causes of death*
May 2025	**WS-NPStats**, LUISS, Rome. Poster session: *Dependent stochastic block models for sequences of directed networks, with application to USA causes of death*
Apr 2025	**BAYSM2025**, Online. Contributed talk: *Dependent stochastic block models for sequences of directed networks, with application to USA causes of death*
Jul 2024	**CARONTE workshop on advances in causes of death modelling**, University of Padova. Talk: *Bayesian local clustering of age-period mortality surfaces across multiple countries*
Jul 2024	**ISBA 2024**, Ca' Foscari University, Venice. Poster session: *Bayesian local clustering of age-period mortality surfaces across multiple countries*
Jun 2024	**BAYSM 2024**, Ca' Foscari University, Venice. Poster session: *Bayesian local clustering of age-period mortality surfaces across multiple countries*

Awards

Jun 2025	**Poster award**, *BNP14*, UCLA, Los Angeles. *Dependent stochastic block models for sequences of directed networks, with application to USA causes of death*
Jul 2024	**Junior travel award**, *ISBA2024*, Ca' Foscari University, Venice. *Bayesian local clustering of age-period mortality surfaces across multiple countries*
May 2024	**Best master thesis in Methodological Statistic in memory of Oliviero Lessi (honorable mention)**, *Italian Statistical Society (SIS)*. *Combination of estimates through confidence densities in logistic regression models* [link], under the supervision of professor Nicola Sartori

Schools

Sep 2024	**Short Course on Graphical Models**, University of Padova.
Jul 2024	**Data Research Camp**, University of Florence.
Sep 2023	**Replicability Crisis in Science**, University of Padova.
Jul 2022	**Advanced Statistics and Probability**, Bocconi University, Lake Como.

Interests

- Amateur basketball player since I was 6

- Sports and sports analytics
  - Ongoing project investigating the factors that impact NBA foul whistles.
  - Shiny app to collect insightful data for betters on main European football leagues (link)
  - Shiny app for '23-'24 Euroleague tie–breakers (link)