

# Giovanni Romanò

## Curriculum Vitae

Karlsruhe, 76137, Germany

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↗ [Personal Page](#)

DOB: 29/04/1997



### Current position

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

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

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

## Work Experience

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

## Conferences Presentations

- Dec 2025 **CMStatistics 2025**, Birbeck, University of London.  
Talk: *Dependent stochastic block models for sequences of directed networks with application to causes of death co-occurrences*
- 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](#))