



MATTEO GASPARIN

Born on the 9th of June, 1998.

Nationality: Italian.

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CURRENT POSITION

Researcher | Department of Economics

Università della Svizzera Italiana, Lugano, Switzerland

Advisor: Antonietta Mira

Sep. 2025 – present

EDUCATION

Ph.D. | Statistical Sciences

University of Padova, Italy

Advisor: Bruno Scarpa, Co-Advisor: Aaditya Ramdas

Oct. 2022 – Jan. 2026

M. Sc. | Statistical Sciences

Final mark: 110/110 *with laude*

University of Padova, Italy

Oct. 2020 – Sep. 2022

B. Sc. | Statistics, Economics & Finance

Final mark: 110/110 *with laude*

University of Padova, Italy

Oct. 2017 – Sep. 2020

High School | Economics & Accounting

Final mark: 100/100

ITE P.F. Calvi

Sep. 2013 – Jun. 2017

VISITING PERIODS

Carnegie Mellon University | Department of Statistics and Data Science

Jan. 2024 – Dec. 2024

Pittsburgh, PA, USA

Advisor: Aaditya Ramdas

WORK EXPERIENCE

Guest Lecturer

Nov. 2025

Università della Svizzera Italiana, Switzerland

- Conducted a 4 hour lecture on Conformal Prediction as part of the “Advanced Statistics” course (Prof. A. Mira)

Teaching Assistant

Apr. 2025 – May 2025

University of Padova, Italy

- Teaching Assistant (15 hours): *Data Analysis and Data Mining* (A.Y. 2024/25, Profs. Scarpa B. & Aliverti E.)

Academic Tutor

Oct. 2021 – May 2022

University of Padova, Italy

- Small lectures and study groups on *Calculus 1*
- Small lectures and study groups on *Statistics (advanced course)*

“Mille e una lode” tutor

Oct. 2020 – Jan. 2021

University of Padova, Italy

- Small lectures and study groups on *Calculus 1*

Curricular Internship

Jun. 2019 – Oct. 2019

CentroMarca Banca, Italy

- Statistical analysis and reporting
- Marketing department assistant

PUBLICATIONS

4. Gasparin M., Ramdas A. (2025). Improving the statistical efficiency of cross-conformal prediction, *Intl. Conf. on Machine Learning (ICML)*, Proceedings of the 42nd International Conference on Machine Learning, PMLR 267:18848-18867 ([arXiv](#))([link](#))
3. Gasparin M., Wang R., Ramdas A. (2025), Combining exchangeable P-values, *Proc. Natl. Acad. Sci. (PNAS)*, 122 (11) e2410849122, <https://doi.org/10.1073/pnas.2410849122>. ([arXiv](#))([link](#))
2. Gasparin M., Scarpa B., Stanghellini E. (2025). Omitting continuous covariates in binary regression models: implications for sensitivity and mediation analysis, *Statistica Neerlandica*, 79(1), e1236. ([arXiv](#))([link](#))
1. Baritussio, A., Giordani, A.S., Basso, C., Vicenzetto, C., Lorenzoni, G., Gasparin, M., Iliceto, S., Scarpa, B., Gregori, D., Marcolongo, R., et al. (2023). Uneventful COVID-19 Infection and Vaccination in a Cohort of Patients with Prior Myocarditis, *Vaccines*, 11, 1742. ([link](#))

PREPRINTS AND WORKING PAPERS

2. Gasparin M., Ramdas A. (202+). Conformal online model aggregation. ([arXiv](#))
1. Gasparin M., Ramdas A. (202+). Merging uncertainty sets via majority vote. ([arXiv](#))

CONFERENCE PRESENTATIONS & SEMINARS

8. Omitting continuous covariates in binary regression models, *Skew 2026*, Padova, Italy, January 2026 (*poster session*).
7. Uncertainty quantification for black-box algorithms, *Outreach event "Lessi una tesi..."*, Padova, Italy, May 2025 (*talk*).
6. Combining exchangeable p-values, *E-readers joint group*, online Seminar, April 2025 (*talk*).
5. Combining exchangeable p-values, *Waterloo Student conference in Statistics, Actuarial Sciences and Finance*, Waterloo, Canada, October 2024 (*talk*).
4. Combining exchangeable p-values, *ISNPS (International Symposia on Nonparametric Statistics)*, Braga, Portugal, June 2024 (*talk*).
3. Conformal online model aggregation, *AI-SDM (Artificial Intelligence for Societal Decision Making)*, Pittsburgh, USA, May 2024, (*poster session*).
2. Merging uncertainty sets via majority vote, *ASA PGH (American Statistical Association Pittsburgh)*, Pittsburgh, USA, April 2024 (*poster session*).
1. On the omission of continuous covariates in logistic regression, *ICSDS Conference*, Florence, Italy, December 2022 (*poster session*).

INVITED TALKS

6. Uncertainty quantification for mortality data, *Climbing Mortality Models II*, Misurina, Italy, August 2025.
5. Cross-conformal prediction and statistically efficient p-value combinations, *SIS 2025 - Statistics for innovation*, Genova, Italy, June 2025.
4. Combining exchangeable p-values, *High-Dimensional Statistical Inference Workshop*, Venice, Italy, May 2025.
3. Merging uncertainty sets via majority vote, *ISSI (International Seminar on Selective Inference)*, online Seminar, April 2024. ([link](#))
2. Merging uncertainty sets via majority vote, *INRIA*, online Seminar, March 2024.
1. Evaluating the influence of environmental factors on UA diseases through Mediation Analysis for a binary outcome, *Prin Select Final Workshop*, Venice, Italy, July 2023.

DISCUSSANT

1. Discussant of the session "Advances in uncertainty quantification and sensitivity analysis", *SIS 2025 - Statistics for innovation*, Genova, Italy, June 2025.

HONORS AND AWARDS

PDT Partners Machine Learning Conference Grant	Spring 2025
Travel grant ICML	
Best presentation award "Waterloo Student conference in Statistics, Actuarial Sciences and Finance"	Fall 2024
Special merit mention for the best presentation award	
Award for the best master's thesis in Methodological Statistics in memory of Prof. Oliviero Lessi	Fall 2023
Special merit mention for the best master's thesis in Methodological Statistics (<i>Italian Statistics Society - SIS</i>)	
Mille e una Lode award (A.Y. 2018/19)	Fall 2019
Recognition for 1000 best students in University of Padova	

SUMMER SCHOOLS

Summer School on "Replicability crisis in science?"	Sep. 2023
Selected participant in the summer school on the Replicability Crisis (Profs. G. Parmiggiani & B. Fitelson)	
Stat Data Camp — Brixen	Sep. 2022
Selected participant in the Stat Data Camp, a weekly data analysis workshop organized by the University of Padova	

PROFESSIONAL SERVICES

Referee

Journal of Statistical Planning and Inference, Biometrika

Positions in Boards and Committees

Member of the PhD Board in Statistical Sciences, University of Padova (Sep. 2023 - Sep. 2025)

Representation of PhD students

Organizer

- Explain Like I'm an Undergrad (Jan. 2025 - May 2025)

Series of weekly seminars for PhD students and researchers in the Dept. of Statistical Sciences at the University of Padova

- EYSM 2026, Vilnius, Lithuania

International Organising Committee - European Young Statistician Meeting 2026

Membership

SIS (Società Italiana di Statistica)

SKILLS

Languages: Italian (native), English (fluent), Spanish (moderate)

Programming: R, Python, SAS

Document Creation: Microsoft Office, LaTex, Markdown