



MATTEO GASPARIN

Born on the 9th of June, 1998.

Nationality: Italian.

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EDUCATION

Ph.D. | Statistical Sciences

University of Padova, Italy

Oct. 2022 – present

M. Sc. | Statistical Sciences

Final mark: 110/110 *with laude*

Oct. 2020 – Sep. 2022

University of Padova, Italy

B. Sc. | Statistics, Economics & Finance

Final mark: 110/110 *with laude*

Oct. 2017 – Sep. 2020

University of Padova, Italy

High School | Economics & Accounting

Final mark: 100/100

Sep. 2013 – Jun. 2017

ITE P.F. Calvi

VISITING PERIODS

Carnegie Mellon University | Department of Statistics and Data Science

Jan. 2024 – Dec. 2024

Pittsburgh, PA, USA

Supervisor: Prof. Aaditya Ramdas

WORK EXPERIENCE

Teaching Assistant

Apr. 2025 – May 2025

University of Padova, Italy

- Teaching Assistant (15 hours): "Data Analysis and Data Mining" course (A.Y. 2024/25, Prof. Scarpa B. & Prof. 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, Treviso, 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

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

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.
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.

HONORS AND AWARDS

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

SKILLS

Languages: Italian (native), English (fluent), Spanish (moderate)
Programming: R, Phyton, SAS
Document Creation: Microsoft Office, LaTex, Markdown