



## 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*

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

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

### HONORS AND AWARDS

#### 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 (*Italian Statistics Society - SIS*)

#### Mille e una Lode award (A.Y. 2018/19)

Fall 2019

Recognition for 1000 best students in University of Padova

## PUBLICATIONS

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4. Gasparin M., Ramdas A. (202+). Improving the statistical efficiency of cross-conformal prediction, *Intl. Conf. on Machine Learning (ICML)*, Accepted. ([arXiv](#))
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

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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

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6. Uncertainty quantification for black-box algorithms, *Outreach event "Lessi una tesi..."*, Padova, Italy, May 2025 (*talk*).
5. Combining exchangeable p-values, *E-readers joint group*, online Seminar, April 2025 (*talk*).
4. Combining exchangeable p-values, *Waterloo Student conference in Statistics, Actuarial Sciences and Finance*, Waterloo, Canada, October 2024 (*talk*).
3. Combining exchangeable p-values, *ISNPS (International Symposia on Nonparametric Statistics)*, Braga, Portugal, June 2024 (*talk*).
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

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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.

## SKILLS

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

**Programming:** R, Phyton, SAS

**Document Creation:** Microsoft Office, LaTex, Markdown