

Matteo Sordello

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Current Position

- **The Wharton School, University of Pennsylvania**, PhD Student in Statistics
Advisor: Weijie Su (Personal Page)

Education

- **University of Torino**, M.Sc. in Mathematics with emphasis in Probability
Supervisor: Prof. Matteo Ruggiero (Personal Page), Grade: 110/110 cum laude and honors
- **Collegio Carlo Alberto**, M.A. in Statistics and Applied Mathematics, *Allievi Honors Program*
Grade: Distinction
- **University of Torino**, B.Sc. in Mathematics
Supervisor: Prof. Roberta Sirovich (Personal Page), Grade: 110/110 cum laude

Publications

- RUGGIERO M. and SORDELLO M., Clustering dynamics in a class of normalised generalised gamma dependent priors. *Ann Inst Stat Math* (2018) <https://doi.org/10.1007/s10463-016-0583-8>
- BANERJEE D. and SORDELLO M., A Bernstein type inequality for sums of selections from three dimensional arrays. *Statistics and Probability Letters*, (2019) <https://doi.org/10.1016/j.spl.2019.06.010>
- SORDELLO M. and SMALL D., A Capture-Recapture Approach to Detect the Presence of Differential Ascertainment and an Application to Child Maltreatment (presented at **JSM 2018**, under review)
- SORDELLO M. and SU W., Robust Learning Rate Selection for Stochastic Optimization Using Splitting Diagnostic (presented at **JSM 2019**, under review)

Teaching Experience

- **Wharton Moneyball Academy**, Graduate Instructor
- **University of Pennsylvania**, TA in *Intro Business Stat (STAT 102)*, *Intro Stat (STAT 111 and STAT 112)* and *Mathematical Statistics (STAT 432)*
- **University of Torino**, TA in *Probability* and *Stochastic Processes*

Interests and Skills

- I am interested in first-order optimization algorithms, online learning, machine learning and differential privacy
- Expert in Python and R, intermediate in SQL and Pytorch.
- **Languages:** Italian (native speaker), English (fluent), Spanish (basic), French (basic).