Davide Agnoletto

University of Padova, Department of Statistical Sciences
via Cesare Battisti, 241-243 35121 Padova, Italy.
e-mail: davide.agnoletto.2@phd.unipd.it

Current position

PhD student in Statistics (October 2021 - ongoing)
Department of Statistical Sciences, University of Padova
Supervisors: Prof. Bruno Scarpa, Prof. Tommaso Rigon

Visiting PhD student in Statistics (December 2022 - ongoing)
Department of Statistical Science, Duke University
Supervisor: Prof. David B. Dunson

Research interests

Predictive Bayesian inference, generalized Bayes, Bayesian methodology.

Education

Master's Degree in Statistical Sciences
(10/2019 – 09/2021)
Department of Statistical Sciences, University of Padova
Thesis title: "Analysis of mortality curves: non-parametric density estimation using a Bayesian approach"
Supervisors: Prof. Bruno Scarpa, Prof. Tommaso Rigon
Final mark: 110/110 *cum laude*

Bachelor's Degree in Statistics for Economics and Business
(10/2016 – 09/2019)
Department of Statistical Sciences, University of Padova
Thesis title: "The use of *All-Resolution Inference* for fMRI images without smoothing"
Supervisor: Prof. Livio Finos
Final mark: 110/110 *cum laude*

Awards

Academic

- "Mille e una Lode" Award 2018/2019, scholarship awarded to the best 1000 students of the University of Padova.

Data competition

- HackTheGene Hackathon for young Data Scientists, University of Padua, September 2022. 1st place team.
- "Laboratorio di Statistica per le Aziende" 2021, in collaboration with Deloitte. 1st place team.

Pubblications

Submitted and working papers

- Agnoletto, D., Rigon, T., and Dunson D.B. (2024+). Bayesian inference for generalized linear models via quasi-posteriors. Submitted, *arXiv:2311.00820*

National conference proceedings

- Agnoletto, D., Rigon, T. and Scarpa, B. (2023). Bayesian density estimation for modeling age-at-death distribution. *In Book of Short Papers of the Italian Statistical Society* (Chelli, F. M., Ciommi, M., Ingrassia, S., Mariani, F., Recchioni, M.C.) 2023. ISBN: 9788891935618.

Presentations

Contributed presentations

(2023) *BAYSM 2023: Bayesian Young Statisticians Meeting*, online.

(2023) *Bayes at CIRM: Autumn school in Bayesian Statistics*, Marseilles, FR.

(2023) *SEAS-IN 2023: Statistical Learning, Sustainability and Impact Evaluation*, Ancona, IT.

Poster presentations

(2022) *Statistical methods and models for complex data: 800 years of research to understand a complex world*, Padova, IT.

Summer schools and workshop

Summer schools and workshops

(2023) *Bayes at CIRM: Autumn school in Bayesian Statistics*, Marseilles, FR.

(2022) *SELECT - Climbing mortality model*, Misurina, IT.

April 16$^{\text{th}}$, 2024