LUCA PRESICCE
Curriculum Vitae

Department of Economics, Management and Statistics
University of Milano–Bicocca
✉ presicceluca@outlook.it
🖥 lucapresicce.github.io

Current Position

Ph.D. Student in Statistics, *University of Milano–Bicocca*, Milan, Italy.
Supervisor: *Prof. Tommaso Rigon*

Visiting Researcher, *University of California Los Angeles*, Los Angeles, California.
Supervisor: *Prof. Sudipto Banerjee*

Research Interest

Spatial Statistics, Bayesian Statistics, Multivariate spatial Models, Massive spatial Data, Statistical Learning.

Education

2021–present **Ph.D. in Statistics**,
University of Milano–Bicocca, Milan, Italy.

2019–2021 : **M.Sc. in Statistical & Economics Sciences**,
University of Milano–Bicocca, Milan, Italy.
Thesis: Models for spatial network data with measurement error in covariates: a Bayesian approach with INLA for road accidents
Grade : 110/110 cum laude

2016–2019 : **B.Sc. in Statistical Sciences**,
Alma Mater Studiorum - University of Bologna, Bologna, Italy.
Thesis: Structural models for the analysis of Italian employment rate
Grade : 110/110 cum laude

Publications

Journal Articles

2023 **Luca Presicce** Andrea Gilardi, Riccardo Borgoni and Jorge Mateu. *Measurement error models on spatial network lattices: Analysis of car crashes in Leeds*. **J. R. Stat. Soc. Ser. A: Stat. Soc. (JRSSA)**, 2023. qnad057.

Submitted and Working papers

2023 **Luca Presicce** Tommaso Rigon and Emanuele Aliverti. *Bias-reduction methods for Poisson regression models*. **Accepted at SIS 2023 Conference Proceedings**, 2023.

In Conference Proceedings

2022 **Luca Presicce** Andrea Gilardi, Riccardo Borgoni and Jorge Mateu. *Measurement error models on spatial network lattices: car crashes in Leeds*. In *CLADAG 2021 book of abstracts and short papers*, pages 348–351. CLADAG – Classification and Data Analysis Group, 2022.

Awards

Data Competition

June 2023 : **Best Objective Prediction**, *Stats under the Stars 6*, Ancona, Italy.

Travel Awards

March 2023 : **Travel award**, *Bayes Comp*, Levi, Finland.

Funding and Grants

Team member of the research group, *in the Milano–Bicocca local unit of the PRIN-PNRR grant "Measuring Biodiversity via Bayesian Nonparametrics: Estimation, Clustering and Uncertainty Quantification" funded by MIUR.*, Local PI: Federico Camerlenghi, PI: Igor Prünster.

Presentations

Contributed Presentations

June 2023: **SIS 2023**, *Ancona*, Italy.

Poster Presentations

June 2022: **ISBA World meeting**, *Montréal*, Canada.

March 2023: **Bayes Comp**, *Levi*, Finland.

June 2023: **SIS 2023**, *Ancona*, Italy.

Teaching Experience

As Teaching Assistant

November 2021 – present: **Statistics II** - **Tutor & Lecture activities**, *B.Sc. in Statistical & Economics Sciences*, University of Milano–Bicocca.

As Lecturer

February – May 2022: **PLS** - **Scientific Degree Plan** - **Lectures & Laboratory**, *High schools*, University of Milano–Bicocca.

March – May 2022: **PLS** - **Scientific Degree Plan** - **Laboratory**, *High schools*, University of Milano–Bicocca.

June – July 2022: **PLS** - **Scientific Degree Plan** - **Lectures & Laboratory**, *High schools*, University of Milano–Bicocca.

January – March 2023: **PLS** - **Scientific Degree Plan** - **Lectures & Laboratory**, *High schools*, University of Milano–Bicocca.

February – May 2023: **PLS** - **Scientific Degree Plan** - **Lectures & Laboratory**, *High schools*, University of Milano–Bicocca.

February – AMarch 2023: **PNRR** - **Orientation Program** - **Lectures & Laboratory**, *High schools*, University of Milano–Bicocca.

Working Experience

May – August 2021: **Data Scientist**, *Elmec Informatica Spa*, Research in AI for IT security , Brunello (VA).

July – July 2019: **Data Analyst**, *Rapelli SA*, Analysis on production, sales and quality control, Stabio (CH).

June – August 2018: **Corporate Analyst**, *REMAX Altoverbano*, Business analysis, Germignaga (VA).

Service to Profession

Position in Academic Societies

2019–2021 **Students representative of the MSc in Statistical & Economics Sciences (LM-82)**,
Department of Economics, Management and Statistics , University of Milano–Bicocca.

Membership

International Society for Bayesian Analysis (ISBA); The junior section of the International Society for Bayesian Analysis (j–ISBA); Società Italiana Statistica (SIS); young SIS (y-SIS) .

Summer Schools and Workshops

Schools

2022 **Lake Como school of advanced studies**,
RSFD - *Robust Statistics: Foundations and recent Developments*, Como, May 2–6, 2022.

Workshops

2023 **Workshop at Collegio carlo Alberto**,
Club-PMx^2 - *CLUstering: Bayesian Partition Models for Precise Medicine*, Torino, February 24, 2023.

2023 **Workshop at Bocconi University**,
Theory for Scalable, Modern Statistical Methods, Milano, April 5–7, 2023.