Francesco Pozza

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Education

10/2020-01/2024	**PhD in Statistical Sciences:** Department of Statistical Sciences, University of Padova, Italy. Advisors: Bruno Scarpa, Daniele Durante and Botond Szabó Thesis title: *Skew-symmetric approximations of posterior distributions*
10/2021-12/2022	**Visiting PhD student:** Department of Decision Sciences, Bocconi University, Italy.
2018-2020	**MS in Statistical Sciences:** Department of Statistical Sciences, Università degli Studi di Padova, Italy. Thesis title: *Alternatives to log-binomial regression for inference on the relative risk.* Advisors: Alessandra Salvan and Clovis E. Kenne Pagui Final mark: 110 cum laude
2015-2018	**BS in Statistics for Economics and Business:** Department of Statistical Sciences, University of Padova, Italy. Thesis title: *Mean and median bias reduction for comparing proportions.* Advisors: Alessandra Salvan and Clovis E. Kenne Pagui Final mark: 110 cum laude

Academic positions

10/2023- Present	**Postdoctoral research fellow:** Bocconi institute for data science and analytics, Bocconi University, Italy.

Past academic positions

03/2023-06/2023	**Visiting Scholar:** Department of Statistics, Texas A&M University, USA.

Awards

Academic Awards	2024	ASA-SBSS Student Paper Competition.
	2018	"Mille e una lode" scholarship (as one of the best 3% students enrolled at University of Padova), academic year 2017/2018.
	2017	"Mille e una lode" scholarship (as one of the best 3% students enrolled at University of Padova), academic year 2016/2017.
Travel Awards		
	2022	ISBA travel award (500$) for ISBA 2022 world meeting, Montreal, Canada.

Publications

Articles in refereed journals

1. Pozza F., Kenne Pagui E. C. and Salvan A. (2023). Improved and computationally stable estimation of relative risk regression with one binary exposure. *Statistical Methods in Medical Research*, **32**(6), 1234-1246.

Conference proceedings

1. Kenne Pagui E. C., Pozza, F. and Salvan A. (2021). Improved maximum likelihood estimator in relative risk regression. *Book of short papers - SIS 2021*, Pearson, pages 1138-1143, ISBN 9788891927361

Manuscripts under review

1 Durante D., Pozza F. and Szabo B. (2023+). Skewed Bernstein-von Mises theorem and skew-modal approximations. *https://arxiv.org/pdf/2301.03038.pdf*.

Conference presentations

Contributed presentations

2021   "Improved maximum likelihood estimator in relative risk regression", *50th Meeting of the Italian Statistical Society,* Pisa, Italy, June 21-25 2021

Poster presentations

2022   *ISBA 2022,* Montreal, Canada, June 26 - July 1 2022

EAC ISBA 2022, Taiwan (online), June 9 2022

Statistical methods and models for complex data, Padova, Italy, September 21- 23 2022

2023   *COSMOSTATS 2023 - Bridging the Gap: Statistical Modeling of Cosmology Extremes*, Asiago, Italy, September 12- 15 2023

Teaching Experience

10/2019 – 07/2020   **Teaching Tutor,** for the courses of Calculus and Advanced Statistics. University of Padova

Service to profession

Referee service: Bayesian Analysis.

Research network

Member of BayesLab at the Bocconi Institute for Data Science and Analytics (BIDSA)