Beatrice Franzolini

Department of Decision Sciences
Bocconi University
Via Röntgen 1
20136 Milano, Italy

Research interests

Bayesian nonparametrics, Bayesian modelling of complex data and biostatistics.

Education

2022 *(expected)*	*PhD in Statistics*, Bocconi University (Milan, Italy) Advisors: Antonio Lijoi, Igor Prünster
2017	*Master of Science in Finance* with honours (110/110 cum laude), Bocconi University (Milan, Italy)
2014	*Bachelor in Statistics* with honours (110/110 cum laude), University of Bologna (Bologna, Italy)

Academic positions

2017–2021	*PhD student in Statistics*, Bocconi University (Milan, Italy)
2019-2021	*Adjunct professor*, Bocconi University (Milan, Italy)
2018-2021	*Teaching assistant*, Bocconi University (Milan, Italy)
2019-2020	*Teaching assistant*, Catholic University of the Sacred Heart (Milan, Italy)
2016-2017	*Research associate*, Bocconi University (Milan, Italy)

Conferences, talks and seminars

Invited talks

- 4th International Conference on Econometrics and Statistics (ECOSTA 2021), virtual conference - Hong Kong (June 2021).
- 13th International Conference of the ERCIM WG on Computational and Methodological Statistics (CMSTATISTICS 2020), virtual conference (December 2020).
- 45th Arkansas Spring Lectures Series - Mathematical Sciences, virtual lectures - Fayetteville, USA (November 2020).

Contributed talks

- Workshop ISBA@CIRM, Marseille, France (June 2021).

- 2021 World Meeting of the International Society for Bayesian Analysis (ISBA 2021),virtual conference (June 2021).
- 50th Meeting of the Italian Statistical Society (SIS 2021), virtual conference - Pisa, Italy (June 2021).

Conferences attended as auditor

- StaTalk 2019 @ UniBo by y-SIS, Bologna, Italy (March 2019).
- 12th International Conference on Bayesian Nonparametrics (BNP12), Oxford, UK (June 2019).

Papers and scientific publications

- Ascolani, F., **Franzolini, B.**, Lijoi, A., and Prünster, I. (2021). *On the dependence structure in Bayesian nonparametric priors.* In Book of Short Papers SIS 2021, (Editors: Perna, C., Salvati, N. and Schirripa Spagnolo, F.) ISBN 9788891927361

Articles in preparation

- **Franzolini, B.**, Lijoi, A., and Prünster, I. (2021+) *Model selection for maternal hypertensive disorders with symmetric hierarchical Dirichlet processes* (submitted)
- Ascolani, F., **Franzolini, B.**, Lijoi, A., and Prünster, I. (2021+). *Nonparametric priors with full-range borrowing of information* (in preparation)
- **Franzolini, B.**, Lijoi, A., Prünster, I. and Rebaudo, G. (2021+). *Multivariate species sampling models* (in preparation)
- **Franzolini, B.**, Lijoi, A. and Prünster, I. (2021+). *Dependent processes for panel count data* (in preparation)

Editorial activity

Referee for *Bayesian Analysis*.

Teaching activities

Course title	Level	Univeristy	Type of activity	Period	Duration
Statistica	BSc	Bocconi University	T	a.y. 2020-2021	20h
Financial Economentric and Empirical Finance	MSc	Bocconi University	T	a.y. 2020-2021	12h

Course title	Level	Univeristy	Type of activity	Period	Duration
Statistica	BSc	Bocconi University	TA	a.y. 2020-2021	90h
Financial Economentric and Empirical Finance	MSc	Bocconi University	TA	a.y. 2020-2021	18h
Statistica	BSc	Bocconi University	T	a.y. 2019-2020	40h
Statistica	BSc	Bocconi University	TA	a.y. 2019-2020	90h
Financial Economentric and Empirical Finance	MSc	Bocconi University	TA	a.y. 2019-2020	18h
Statistics	BSc	Catholic University of the Sacred Heart	TA	a.y. 2019-2020	24h
Statistica	BSc	Bocconi University	TA	a.y. 2018-2019	90h
Financial Economentric and Empirical Finance	MSc	Bocconi University	TA	a.y. 2018-2019	18h
Metodi quantitativi per la finanza	BSc	Bocconi University	TA	a.y. 2018-2019	57h