Elena Bortolato

CURRICULUM VITAE

Contact Information

University of Padova
Department of Statistical Sciences
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Current Position

Since October 2020; (expected completion: September 2023)
PhD Student in Statistical Sciences, University of Padova.

Research interests

- Objective bayesian inference
- Hidden Markov Models
- Approximate Bayesian Computation . . .

Education

October 2018 – September 2020
Master degree (*Laurea Magistrale*) in Statistical Sciences
University of Padova, Department of Statistical Sciences
Title of dissertation: "Bias reduction in the equicorrelated multivariate normal"
Supervisor: Prof. Euloge Clovis Kenne Pagui
Final mark: 110/110 cum laude

October 2015 – July 2018
Bachelor degree (*Laurea Triennale*) in Statistics for Technology and Sciences
University of Padova, Department of Statistical Sciences
Title of dissertation: "Models and methods for music analysis"
Supervisor: Prof. Alessandra Rosalba Brazzale
Final mark: 106/110.

Work experience

August 2019 – September 2019
ACAM MOCOTO' (Florianopolis - Brazil).
Social Media analyst (AIESEC volunteer)

February 2019 – July 2019
University of Padova
Research Fellow ROI-MOB: Measuring return on investment from EU VET mobility
(2016-1-IT01-KA202-005396)

Awards and Scholarship

2021 Best thesis in Mathematical Statistics in memory of professor Oliviero Lessi (Società Italiana di Statistica - SIS)

2020 First Prize "Business lab"- Department of Statistical sciences University of Padua in collaboration with ASPIAG.

Computer skills (Statistical software)

- R, Rstudio
- Python (Pandas, NumPy, Scikitlearn, SciPy)
- SAS
- SQL

Language skills

Italian: native - English: fluent - Portuguese: moderate (spoken)

Publications

Articles in journals

Scarpazza, C., et al. Idiopathic and acquired pedophilia as two distinct disorders: an insight from neuroimaging. Brain Imaging and Behavior (2021)

Articles in conference book of papers

Bortolato, E., Kenne Pagui, E.C., Bias reduction in the equicorrelated multivaraite normal, SIS Book of short papers (2021)

Bortolato, E. and Fabbris, L., Vivian, M. Quantity and mood of final open-ended comments on an Erasmus+ VET mobility questionnaire, ASA Book of short papers (2019)

Working papers

Bortolato, E., Kenne Pagui, E.C. Bias reduction and robustness for gaussian longitudinal data analysis

Conference presentations

Bortolato, E. , Kenne Pagui, E. C. Bias reduction in the equicorrelated multivariate normal, 50th meeting of the Italian Statistical Society, Pisa, Italy, June 25, 2021

Scarpazza, C., Masiero, L., **Bortolato, E.** et al. Investigating the Brain Network consistently impaired in acquired pedophilia? (poster) *IBRO World Congress 2019*, Daegu, South Korea, September 21, 2019.

Scarpazza, C., Masiero, L., **Bortolato, E.** et al. Different Neural Substrate in Developmental

and Acquired Pedophilia: Preliminary Results, *12th International Scientific Conference on Neuroethics and 7th Conference of the Italian Society for Neuroethics (SINe)* May 13, 2021

Bortolato, E., Fabbris, L. and Scioni, M. Internationality as a psychological and social trigger to participants to Erasmus+ VET international mobility ASA Conference (2019)

Bortolato, E., Fabbris, L. and Vivian, M. Quantity and mood of final open-ended comments on an Erasmus+ VET mobility questionnaire, ASA Conference (2019)

Teaching experience

October 2019 – June 2020
Tutoring
Calculus (Statistics for Technology and Sciences, Statistics for Business and Economy, BSc courses)
Statistics (Statistical Sciences, MSc course)
Small lectures and exercises to BSc and MSc students
University of Padova