Tommaso Rigon

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Education

Bocconi University Milan, Italy 2015 - Present

Ph.D. in Statistics

I have been awarded with a merit-based fellowship. My supervisors are professors Antonio Lijoi and Igor Prünster. My research interests include: Applied Bayesian modeling, Bayesian nonparametrics, Computational statistics (Optimization, variational inference, MCMC methods).

Università degli studi di Padova

Padua, Italy

M.S. in Statistical Sciences

2013 - 2015

I have attended with full grades the Ph.D. courses: "Theory and Methods of Inference" and "Statistical Models". Thesis supervisor: prof. Bruno Scarpa. Final mark: 110/110 with laude.

Università degli studi di Padova

Padua, Italy

B.S. in Statistics, Economics & Finance

2010 - 2013

Thesis supervisor: prof. Nicola Sartori. Final mark: 110/110 with laude.

Liceo Classico Marco Foscarini

Venice, Italy

Classic Lucee

2005 - 2010

Final mark: 94/100.

Academic experience

Articles in refereed journals.....

DURANTE, D., CANALE, A. AND RIGON, T. (2018). A nested expectation-maximization algorithm for latent class regression models. *Statistics & Probability Letters*, in press.

RIGON, T., DURANTE, D. AND TORELLI, N. (2018). Bayesian semiparametric modelling of contraceptive behavior in India via sequential logistic regressions. Journal of the Royal Statistical *Society, Series A*, in press.

DURANTE, D. AND RIGON, T. (2018). Conditionally conjugate mean-field variational Bayes for logistic models. arXiv:1711.06999.

RIGON, T. AND DURANTE, D. (2018). Tractable Bayesian density regression via logit stick-breaking priors. arXiv:1701.02969.

Conference proceedings, publications in monographs.....

RIGON, T. (2018). Logit stick-breaking priors for partially exchangeable count data. In Book of Short Papers SIS 2018 (Abbruzzo, A., Piacentino, D., Chiodi, M., and Brentari, E., editors). ISBN: 9788891910233.

Caponera, A., Denti, F., Rigon, T., Sottosanti, A. and Gelfand, A. (2018). Hierarchical spatiotemporal modeling of resting state fMRI data. In Studies in Neural Data Science (Canale, A., Durante, D., Paci, L., Scarpa, B., editors).

Talks, conferences and workshops	
JSM 2018: Joint Statistical Meeting Invited speaker, Vancouver, Canada	JSM 2018 08 / 2018
BAYSM 2018: Bayesian Young Statisticians Meeting Contributed speaker, Warwick, UK	BAYSM 2018 07 / 2018
2018 ISBA world meeting Poster session, Edinburgh, UK	ISBA 2018 06 / 2018
49th Scientific meeting of the Italian Statistical Society Invited speaker, Palermo, Italia	SIS 2018 06 / 2018
Scalable Statistics: on Accuracy and Computational Complexity Contributed speaker, Eindhoven, Netherlands	YES IX 03 / 2018
The IISA International Conference On Statistics Invited speaker, Hyderabad, India	IISA 2017 12 / 2017
International Workshop on Objective Bayes Methodology Poster session, University of Texas, Austin	O'Bayes 2017 12 / 2017
Bayesian Inference in Stochastic Processes Poster session, Bocconi University, Milan	BISP 10 06 / 2017
SIS Bayes 2017 Poster session, Sapienza University, Rome	SIS Bayes 2017 02 / 2017
International Society for Bayesian Analysis Poster session, Cagliari	ISBA 2016 06 / 2016
Teaching activities.	
Bocconi University Teaching Assistant I helped in the teaching activity of the master courses "Data analysis" and "Statistics proposing and solving exercises.	Milan, Italy 2016 – 2017 for Economic and Business"
Università degli studi di Padova Academic Tutor I helped new students to get started in my faculty. I managed study groups propos	Padua, Italy $10/2014-09/2015$ sing and solving exercises,
advising them about academic curricula and learning method.	

Affiliations and editorial activity.....

Affiliations: International Society for Bayesian Analysis (ISBA), Società Italiana di Statistica (SIS). Elected member of the board (2016) of the young group of the Italian Statistical Society.

Referee for: Bayesian Analysis, Computational Statistics & Data Analysis, Statistical Methods & Applications, Statistics & Probability Letters.

Industry experience

Groupon Dublin, Ireland

Internship 09 / 2014 – 11 / 2014

I worked in the development of projects concerning Search Engine Marketing (SEM) and Landing Page Optimization (LPO). I analyzed large amounts of data and developed algorithms for statistical learning. I created a web-based user interface to improve the communication of the relevant results to the stakeholders.

Bravofly Rumbo Group

Chiasso, Switzerland

Customer Satisfaction Analyst

10 / 2013 - 07 / 2014

Business analyst with a part-time contract. I improved existing reports implementing statistical analysis and A-B testing procedures.

Bravofly Rumbo Group

Chiasso, Switzerland

Internship

05 / 2013 - 10 / 2013

During this internship, I have been engaged in two distinct projects concerning Customer satisfaction analysis and Attribution modeling for web analytics. I produced monthly reports about customer satisfaction and I helped to interpret results. The whole process was automatized, exploiting the synergies between LaTeX, MySQL and R. Additionally, I created and implemented in R an attribution model based on Markov chains.



Awards

Stat under the Stars 4

Palermo, Italia 06 / 2018

As part of a team, I won the prize best objective prediction in the Stat under the Stars data competition, a satellite event of the SIS 2018 conference. Link to the event: https://www.unipa.it/dipartimenti/seas/sus4/.

ISBA travel support

ISBA 2018 World meeting

06 / 2018

ISBA travel support (250\$) for ISBA 2018 world meeting in Edinburgh, UK.

ISBA travel support

O'Bayes 2017

12 / 2017

ISBA travel support (700\$) for the O'Bayes 2017 conference in Austin, Texas.

YoungCLADAG data contest

YoungCLADAG

As part of a team, I won a data competition organized by YoungCLADAG, a satellite event of the CLADAG conference.

Academic merit award

Bocconi University

09 / 2017

09 / 2017

Best PhD student within the Statistics program in Bocconi university, for the academic year 2016 – 2017.

Prediction competition: winner

Bocconi Summer School

07 / 2017

Have a look at the article talking about this! https://www.knowledge.unibocconi.it/notizia.php?idArt=1855.



IT skills

General software.

Intermediate: Linux systems, MongoDB, Hadoop, Google Analytics, Google Adwords, HTML.

Advanced: MySQL, LATEX.

Statistical software and programming languages.....

Basic: spss, Gretl, Lisrel.

Intermediate: Python, sas, Stata, Julia, Matlab, C++, Stan.

Advanced: R.

a Outreach and scolarships

Bocconi Summer School in Advanced Statistics and Probability

Como, Italy

Summer School

07 / 2017

I attended the summer school in Bocconi Summer School in Advanced Statistics and Probability: Statistical Causal Learning.

StartUp Research

Certosa di Pontignano, Italy

Workshop

06 / 2017

StartUp Research was a 2-day meeting where small research groups of young scholars, advised by senior researchers with a well-established experience in different areas of Statistics, will be asked to develop innovative methods and models to analyze a common dataset from the Neurosciences.

Università degli studi di Padova

Padua, Italy

Exhibition in memory of Bernardo Colombo

04/2014

Collaboration in the realization of an exhibition in memory of Bernardo Colombo, available here http://mostra-colombo.stat.unipd.it/

J. T. Schwartz International School for Scientific Research

Lipari, Italy

Summer School

07 / 2013

Attended the summer school in Computational Social Science: big data.

AGESCI

Venice, Italy

Member 1999 – 2013

Member of the scout association AGESCI, with whom I did various kinds of voluntary work.

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Language skills

Italian: Mothertongue **English**: Fluent, C1 level.