Tommaso Rigon



Education

Bocconi University Milan, Italy

Ph.D. in Statistics

2015 – *Present*

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, мсмс 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 Lycee

2005 – 2010

Final mark: 94/100.

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Academic experience

Publications.....

RIGON, T., DURANTE, D. AND TORELLI, N. (2018). Bayesian semiparametric modelling of contraceptive behavior in India via sequential logistic regressions. *Accepted for publication*.

Durante, D. and **Rigon, T.** (2017). A note on quadratic approximations of logistic log-likelihoods. *arXiv:1711.06999*.

DURANTE, D., CANALE, A. AND **RIGON, T.** (2017). A nested expectation-maximization algorithm for latent class regression models. *arXiv*:1705.03864.

RIGON, T. AND DURANTE, D. (2017). Tractable Bayesian density regression via logit stick-breaking priors. *arXiv:1701.02969*.

Talks, conferences and workshops.

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Scalable Statistics: on Accuracy and Computational Complexity	YES IX
Contributed speaker, Eindhoven, Netherlands	03 / 2018
The IISA International Conference On Statistics	IISA 2017
Invited speaker, Hyderabad, India	12 / 2017
International Workshop on Objective Bayes Methodology	O'Bayes 2017
Poster session, University of Texas, Austin	12 / 2017

Bayesian Inference in Stochastic Processes

BISP 10

Poster session, Bocconi University, Milan

06 / 2017

SIS Bayes 2017 SIS Bayes 2017

Poster session, Sapienza University, Rome 02 / 2017

International Society for Bayesian Analysis ISBA 2016

Poster session, Cagliari 06 / 2016

Teaching activities.

Bocconi University Milan, Italy

Teaching Assistant 2016 – 2017

I helped in the teaching activity of the master courses "Data analysis" and "Statistics for Economic and Business" proposing and solving exercises.

Università degli studi di Padova

Padua, Italy

Academic Tutor 10 / 2014 – 09 / 2015

I helped new students to get started in my faculty. I managed study groups proposing 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, Statistical Methods & Applications.

P Awards

ISBA Travel Support

ISBA 12 / 2017

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

Prediction competition: winner

YoungCLADAG 09 / 2017

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

Academic merit award

Bocconi University 09 / 2017

Best PhD student at 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.

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.

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.

Language skills

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