Tommaso Rigon

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🎓 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, 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 Lycee   *2005 – 2010*

Final mark: 94/100.

🏛 Academic experience

Publications

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.

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

DURANTE, D., CANALE, A. AND **RIGON, T.** (2018). A nested expectation-maximization algorithm for latent class regression models. *arXiv:1705.03864*.

DURANTE, D. AND **RIGON, T.** (2017). A note on quadratic approximations of logistic log-likelihoods. *arXiv:1711.06999*.

Talks, conferences and workshops

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.

🏆 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 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.

📉 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.

⧉ 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.