Tommaso Rigon

Curriculum Vitae

Department of Decision Sciences,
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Education

2015 –   **Ph.D. in Statistical Sciences**, *Bocconi University*, Milano.
I am currently a Ph.D. student. I have been awarded with a merit-based fellowship. My research interests includes:
- Applied Bayesian modeling
- Bayesian nonparametrics
- Computational statistics (Optimization, variational Inference, MCMC methods)

2013 – 2015   **M.S. in Statistical Sciences**, *Università degli studi di Padova*, Padova.
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 summa cum laude.

2010 – 2013   **B.S. in Statistics, Economics & Finance**, *Università degli studi di Padova*, Padova.
Thesis supervisor: prof. Nicola Sartori.
Final Mark: 110/110 with summa cum laude.

Academic

Publications

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). Logit stick-breaking priors for Bayesian density regression. *arXiv:1701.02969*.

Rigon, T., Durante, D. and Torelli, N. (2016). Bayesian semiparametric modelling of contraceptive behavior in India via sequential logistic regressions. *arXiv:1405.7555*.

Teaching activities

2016 –   **Teaching Assistant**, *Bocconi University*, Milano, Italy.
I helped in the teaching activity of the master courses "Data analysis" and "Statistics for Economic and Business", taught in Bocconi, proposing and solving exercises.

10 / 2014
09 / 2015   **Academic Tutor**, *Università degli studi di Padova*, Padova, Italy.
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.

Conference presentations

06 / 2017   **Poster session**, *Bayesian Inference in Stochastic Processes*, BISP 10, Bocconi University, Milano.

02 / 2017   **Poster session**, *SIS Bayes 2017*, Sapienza University, Roma.

06 / 2016	**Poster session**, *International Society for Bayesian Analysis*, ISBA 2016, Cagliari. Poster session, with the contribution: "A Bayesian nonparametric model for functional telecommunication data".
04 / 2016	**Invited Speaker**, *Mathematical and Statistical Methods for Actuarial Science and Finance*, Paris, Universitè Paris Dauphine. Invited speaker, jointly with Giovanni Rabitti, with the contribution: "Non life insurance pricing through Bayesian Additive Regression Trees".

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 section of the Italian Statistical Society.
Referee for	Bayesian Analysis, Statistical Methods & Applications.

Industry

09 / 2014 11 / 2014	**Intern in Computational SEM**, *Groupon*, Dublin, Ireland. I worked in the development of projects concerning ○ Search Engine Marketing (SEM) ○ Landing Page Optimization (LPO) I analyzed huge 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.
10 / 2013 07 / 2014	**Customer Satisfaction Analyst**, *Bravofly Rumbo Group*, Chiasso, Switzerland. Business analyst with a part-time contract. I improved existing reports implementing statistical analysis and A/B testing procedures.
05 / 2013 10 / 2013	**Internship**, *Bravofly Rumbo Group*, Chiasso, Switzerland. During the internship, I followed two distinct projects: ○ Customer satisfaction analysis ○ 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. Moreover, I created and implemented an attribution model based on Markov chains.

Computer skills

General Software

Intermediate	Microsoft Office (Excel, Word, Power Point, Access), Linux systems, MongoDB, Hadoop, Google Analytics, Google Adwords.
Advanced	MySQL, LaTeX.

Statistical Software and Programming Languages

Basic	SPSS, Gretl, Lisrel.
Intermediate	Python, Julia, Matlab, C++, SAS, Stata, Stan.
Advanced	R.

Languages

Italian	**Mothertongue**

English **Level: C1**

Outreach

06 / 2014 **Student representative**, *Università degli studi di Padova*, Padova, Italy.
Elected as student representative for the academic year 2014 – 2015

04 / 2014 **Exhibition in memory of Bernardo Colombo**, *Università degli studi di Padova*, Padova, Italy.
Collaboration in the realization of an exhibition in memory of Bernardo Colombo, available here http://mostra-colombo.stat.unipd.it/

1997 – 2013 **Member**, *AGESCI*, Venice, Italy.
Member of the scout association AGESCI, with whom I did various kinds of voluntary work.