# **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

**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.....

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BAYSM 2018: Bayesian Young Statisticians Meeting	<b>BAYSM 2018</b>
Contributed speaker, Warwick, UK	07 / 2018
2018 ISBA world meeting	ISBA 2018
Poster session, Edinburgh, UK	06 / 2018
49th Scientific meeting of the Italian Statistical Society	SIS 2018
Invited speaker, Palermo, Italia	06 / 2018

Scalable Statistics: on Accuracy and Computational Complexity

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 AnalysisISBA 2016Poster session, Cagliari06 / 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

10 / 2014 - 09 / 2015

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Academic Tutor

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, Computational Statistics & Data Analysis, Statistical Methods & Applications.

# 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.



#### 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

09 / 2017

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

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

Summer School

Lipari, Italy 07/2013

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

AGESCI

Venice, Italy

1999 - 2013Member 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.