

Laura Bondi | Curriculum Vitae

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Date and Place of Birth: 17th January 1992, Castiglion Fiorentino (AR), Italy

Education

Bocconi University

Milan, Italy

Ph.D. in Statistics

Sep. 2017 – Aug. 2021 (Expected)

My research interests lie in Medical Statistics and Survival Analysis, with a particular focus on Public Health Data Analysis and Cancer Research. My advisor is Prof. Marco Bonetti. Thesis's title: "*Statistical models for the natural history of breast cancer*". I'm expected to submit my PhD thesis in July 2021, and the final defense will take place in January 2022.

Università degli Studi di Padova

Padua, Italy

M.Sc. in Statistical Sciences

Jan. 2015 – Mar. 2017

Main fields of interest: Biostatistics, Data Mining, Causal Inference, Mathematical Statistics. Erasmus exchange at Katholieke Universiteit (KU) in Leuven, Belgium. Thesis's supervisors: Prof. Irene Gijbels (KU Leuven) and Prof. Alessandra Brazzale. Thesis's title: "*Kernel estimation of quantile regression curves using copula modelling*". Final mark: 110/110 cum laude.

Università degli Studi di Padova

Padua, Italy

B.Sc. in Mathematics

Oct. 2011 – Dec. 2014

Main fields of interest: Probability and Applied Mathematics. Thesis's supervisor: Prof. Alessandra Bianchi. Thesis's title: "*Random polymer models: localization phenomena*" (in Italian). Final mark: 108/110.

Academic Experience

Working papers.....

BONDI L, BONETTI M, GRIGOROVA D, RUSSO A (2020+). Statistical models for the natural history of breast cancer with application to data from a cohort of disease-free women in Milan. Submitted.

Teaching activities.....

Bocconi University

Milan, Italy

Teaching Assistant

A.y. 2018/2019-2020/2021

I helped in the teaching activity of the courses "Advanced Mathematics and Statistics" and "Statistics" for the bachelor degrees in Economics, Management and Computer Science, Economics and Management for Arts, Culture and Communication and Economics and Management proposing and solving exercises, supervising and scoring exams.

Programming Skills

Advanced: R, L^AT_EX

Basic: Stata, Python, SAS, MATLAB, C

Outreach and Scholarships

International Biometric Conference (Virtual)

Seoul, South Korea

Poster Session

August 2020

We contributed to the poster session presenting our work "Modeling the natural history of breast cancer: A study on a cohort of disease-free women in Milan".

Data Research Camp <i>Workshop</i>	Venice, Italy <i>July 2019</i>
It was a 3-day meeting where small research groups of young scholars, advised by senior researchers, were asked to develop innovative methods and models to analyze a common dataset. I worked in a group supervised by Professor David Rossell from Pompeu Fabra University.	
Modern Methods in Biostatistics and Epidemiology <i>Summer School</i>	Cison di Valmarino (TV), Italy <i>June 2019</i>
I attended the course "Statistical methods for population-based cancer survival analysis" by Professors Paul Dickman and Paul Lambert.	
Bocconi University PhD BEAT program <i>Bocconi Excellence in Advanced Teaching program</i>	Milano, Italy <i>Oct.-Dec. 2018</i>
I attended the PhD BEAT program whose aim is to support PhD students to explore new pedagogical methodologies and teaching practices, and to help them in personal development to provide enhanced learning experiences in the classrooms.	
Bocconi Summer School in Advanced Statistics and Probability <i>Summer School</i>	Como, Italy <i>July 2018</i>
I attended the Bocconi Summer School in Advanced Statistics and Probability: Graphical Models.	
Bocconi University Phd Scholarship <i>Scholarship</i>	Milan, Italy <i>Sep. 2017 - Present</i>
Visiting period at KU Leuven <i>Visiting Student</i>	Leuven, Belgium <i>May-July 2017</i>
I have been invited by professor Irene Gijbels to spend a period in Leuven as a visiting research student.	
Erasmus+ Scholarship <i>Scholarship</i>	Leuven, Belgium <i>Sep. 2016 - Feb. 2017</i>
I have been awarded with a merit-based scholarship by the Erasmus+ program to spend a semester at Katholieke Universiteit Leuven (KU Leuven) in order to write my master's thesis.	
Università degli studi di Padova Scholarship for Academic Achievement <i>Scholarship</i>	Padua, Italy <i>Oct. 2012</i>
I have been awarded with a merit-based scholarship designed to encourage students of scientific subjects.	
Italian Maths Olympiads <i>Award</i>	Cesenatico, Italy <i>May 2011</i>
I have been awarded with a bronze medal at the Italian Maths Olympiads, having ranked in the top 0.05% among Italian high school students in solving math problems.	

Language Skills

Italian: Mothertongue

English: Fluent, C1 level (IELTS 7.5).