

Laura Bondi | Curriculum Vitae

✉ Email: laura.bondi@phd.unibocconi.it

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

Education

Bocconi University

Milan, Italy

Ph.D. in Statistics

Sep. 2017 – Jul. 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, Medical Statistics and Epidemiology, 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 (2021+). 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.

Talks, conferences and workshops.....

IBS-EMR 2021

Virtual

Invited Speaker

April 2021

Virtual conference of the Eastern Mediterranean Region, International Biometric Society.

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

Venice, Italy

Workshop

July 2019

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 (Pompeu Fabra University).

Programming Skills

Advanced: R, L^AT_EX

Basic: Stata, SAS, MATLAB, C, Python

Outreach and Scholarships

Modern Methods in Biostatistics and Epidemiology Cison di Valmarino (TV), Italy
Summer School June 2019

I attended the course "Statistical methods for population-based cancer survival analysis" by Professors Paul Dickman (Karolinska Institutet) and Paul Lambert (Leicester University and Karolinska Institutet).

Bocconi University PhD BEAT program Milano, Italy
Bocconi Excellence in Advanced Teaching program Oct.-Dec. 2018

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 Como, Italy
Summer School July 2018

I attended the Bocconi Summer School in Advanced Statistics and Probability: Graphical Models.

Bocconi University Phd Scholarship Milan, Italy
Scholarship Sep. 2017 - Present

Visiting period at KU Leuven Leuven, Belgium
Visiting Student May-July 2017

I have been invited by Professor Irene Gijbels to spend a period in Leuven as a visiting research student.

Erasmus+ Scholarship Leuven, Belgium
Scholarship Sep. 2016 - Feb. 2017

I have been awarded with a merit-based scholarship by the Erasmus+ program to spend a semester at Katholieke Universiteit Leuven (KU Leuven) to write my master's thesis.

Università degli studi di Padova Scholarship for Academic Achievement Padua, Italy
Scholarship Oct. 2012

I have been awarded with a merit-based scholarship designed to encourage students of scientific subjects.

Italian Mathematical Olympiad Cesenatico, Italy
Award May 2011

I have been awarded with a bronze medal at the Italian Mathematical Olympiads, having ranked in the top 150 among over 300,000 Italian high school students in solving math problems. It was a three-step competition, with the national final taking place in Cesenatico, Italy.

Language Skills

Italian: Mother tongue

English: Fluent, C1 level (IELTS 7.5).