

Laura Bondi | Curriculum Vitae

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

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, PAGANO M (2021+). A note on the optimal estimation of the sparsity index in Poisson size-biased sampling. In progress.

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.

Affiliations

Affiliations: International Biometric Society (IBS) - Italian Region, International Society for Clinical Biostatistics (ISCB), Italian Statistical Society (SIS).

Talks, conferences and workshops.....

ISCB 2021

Virtual

Contributed Talk

July 2021

42nd Conference of the International Society for Clinical Biostatistics

IBS-EMR 2021

Virtual

Invited Talk

April 2021

Conference of the Eastern Mediterranean Region, International Biometric Society.

IBC 2020

Poster Session

30th Conference of the International Biometric Society.

Virtual

August 2020

Data Research Camp

Workshop

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).

Venice, Italy

July 2019



Programming Skills

Advanced: R, L^AT_EX

Basic: Stata, SAS, MATLAB, C, Python



Outreach and Scholarships

Modern Methods in Biostatistics and Epidemiology

Summer School

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).

Cison di Valmarino (TV), Italy

June 2019

PhD student representative

Bocconi University

I have been elected PhD student representative in the council of the Department of Decision Sciences.

Milan, Italy

Nov. 2018 - Present

Bocconi University PhD BEAT program

Bocconi Excellence in Advanced Teaching program

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.

Milan, Italy

Oct.-Dec. 2018

Bocconi Summer School in Advanced Statistics and Probability

Summer School

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

Como, Italy

July 2018

Bocconi University Phd Scholarship

Scholarship

Milan, Italy

Sep. 2017 - Present

Visiting period at KU Leuven

Visiting Student

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

Leuven, Belgium

May-July 2017

Erasmus+ Scholarship

Scholarship

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.

Leuven, Belgium

Sep. 2016 - Feb. 2017

Università degli studi di Padova Scholarship for Academic Achievement

Scholarship

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

Padua, Italy

Oct. 2012

Italian Mathematical Olympiad

Award

Cesenatico, Italy

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: Mothertongue

English: Fluent, C1 level (IELTS 7.5).