

Laura Bondi | Curriculum Vitae

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

Date and Place of Birth: 17th January 1992, Arezzo, Italy

Education

Bocconi University

Milan, Italy

Ph.D. in Statistics

Sep. 2017 – Present

My supervisor is professor Marco Bonetti. My current research interests lie in Medical Statistics and Survival Analysis, with a particular focus on Public Health Data Analysis and Cancer Research.

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. Thesis 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 supervisor: prof. Alessandra Bianchi. Final mark: 108/110.

Academic experience

Working papers.....

GRIGOROVA, D., **BONDI, L.**, RUSSO, A. AND BONETTI, M. (2019+). Statistical models for the natural history of breast cancer using mammography screening data. In preparation.

BORGONOVO, E., HAHN, R., **BONDI, L.**, PLISCHKE, E. (2019+). Insights in the use of blackbox emulators using partial dependence functions. In preparation.

Teaching activities.....

Bocconi University

Milan, Italy

Teaching Assistant

A.y. 2018/2019 and 2019/2020

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

Programming Skills

Basic: C, GAMS, AnyLogic

Intermediate: Python, SAS, Stata, MATLAB

Advanced: R, L^AT_EX.

Outreach and Scholarships

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 from Pompeu Fabra University.

Modern Methods in Biostatistics and Epidemiology

Cison di Valmarino, Italy

Summer School

June 2019

I attended the course "Statistical methods for population-based cancer survival analysis" by professors Paul Dickman and Paul Lambert.

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) in order 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.

Language skills

Italian: Mother tongue

English: Fluent, C1 level.