

# Marta Bonsaglio

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Via Solferino, 61  
20831 Seregno (MB), Italy

## Education 2017- Present

### **Ph.D. in Statistics**

Università Commerciale Luigi Bocconi (Milan, Italy)

Main Courses: Mathematical statistics, Computational statistics, Data analysis, Statistical inference, Stochastic processes, Machine Learning

Thesis title: Asymptotic properties of randomized clinical trials

Advisors: Prof. Sandra Fortini and Prof. Lorenzo Trippa

Research area: Randomized clinical trials, real-world evidence, large-sample properties, stochastic approximation, approximation of operating characteristics

2013 - 2016

### **Master Degree in Applied Mathematics** (Laurea magistrale)

Università degli studi di Milano-Bicocca (Milan, Italy)

Main field: Numerical analysis

Grade: 110/110 cum laude

2010 - 2013

### **Bachelor Degree in Mathematics** (Laurea Triennale)

Università degli studi di Milano-Bicocca (Milan, Italy)

Grade: 110/110 cum laude

2005 - 2010

### **Diploma scientifico**

Liceo Marie Curie, Meda (Monza e Brianza, Italy)

Grade: 100/100

## **Awards and Scholarships**

2017- Present

PhD Fellowship, Università Commerciale Luigi Bocconi

2010 - 2011

“Progetto Lauree Scientifiche” Scholarship, Università degli studi di Milano-Bicocca

## **Research**

Submitted paper:

Approximating the Operating Characteristics of Bayesian Uncertainty Directed Trial Designs

Authors:

Bonsaglio, M., Fortini, S., Ventz, S., Trippa, L.

Joint work with Harvard School of Public Health

Working paper:

Incorporating external data in the design of novel trials

Joint work with Harvard School of Public Health

## **Skills**

Matlab, LaTeX, Microsoft Office (very good)

R (good)

Java, Python, SAS (basic)

## **Work**

2016-2017

Professor of Mathematics and Physics, Liceo Scientifico Marie Curie (Meda, Italy)

## **Interests**

Cooking, Collecting, Crosswords, Traveling