

# Marta Catalano

Department of Decision Sciences  
Bocconi University  
Via Röntgen 1  
20136 Milano, Italy

marta.catalano@unibocconi.it

## Education

2016 – present

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

Università Commerciale Luigi Bocconi (Milan, Italy).  
Supervisor: Prof. Antonio Lijoi.  
Topics: Vectors of random measures and measures of dependence.

2016 – 2017

### **Postgraduate Master in “Big Data Analytics & Social Mining”.**

Università di Pisa and CNR di Pisa (Pisa, Italy).  
Supervisor: Prof. Paolo Ferragina.  
Master thesis title: Information Retrieval on Arpi Dataset.

2012 – 2015

### **Master degree in Mathematics** (Laurea Magistrale).

Università degli studi di Roma Sapienza (Rome, Italy).  
Supervisors: Prof. Domenico Fiorenza and Prof. Paolo Papi.  
Master thesis title: Planar 2-Algebras and Khovanov Homology.  
Grade: 110/110 cum laude.

2012 – 2013

### **Erasmus program.**

École Normale supérieure de Lyon (Lyon, France).  
Topics: Algebra and Knot Theory.

2009 – 2012

### **Bachelor degree in Mathematics** (Laurea Triennale).

Università degli Studi di Roma Sapienza (Rome, Italy).  
Supervisor: Prof. Domenico Fiorenza.  
Bachelor thesis title: Crystallographic groups.  
Grade: 110/110 cum laude.

## Teaching

Spring 2019

Teaching Assistant for the undergraduate course 30401 **Mathematics and Statistics** at Bocconi University.

Autumn 2018

Teaching Assistant for the master course 20179 **Data Analysis** at Bocconi University.

Spring 2018

Teaching Assistant for the undergraduate course 30401 **Mathematics and Statistics** at Bocconi University.

Autumn 2017

Teaching Assistant for the master course 20179 **Data Analysis** at Bocconi University.

## Preprints

1. Catalano, M., Lijoi, A., Prünster, I. (2019+). Measuring the dependence between vectors of completely random measures. *Working paper*.
2. Catalano, M., Lijoi, A., Prünster, I. (2019+). Measuring the sensitivity to prior specification for time-to-event data through the Wasserstein distance. *Working paper*.

## Summer Schools and Conferences

Summer 2018	Bocconi Summer School in Advanced Statistics and Probability: <b>Graphical models</b> (Como, Italy). Bayesian Young Statisticians Meeting - <b>BAYSM</b> (Warwick, UK). <b>ISBA</b> World Meeting (Edinburgh, UK).
Summer 2017	Bocconi Summer School in Advanced Statistics and Probability: <b>Statistical Causal Learning</b> (Como, Italy). 10th International Workshop on Bayesian Inference in Stochastic Processes - <b>BISP10</b> (Milan, Italy).

## Awards and Scholarships

Autumn 2016	<b>Ph.D. scholarship</b> from Bocconi University.
Spring 2016	<b>Master scholarship</b> from Pisa University.
2009-2015	<b>Excellence itinerary</b> from the Department of Mathematics G. Castelnuovo at Università degli studi di Roma Sapienza.  <b>Collaboration grant</b> from the Department of Mathematics G. Castelnuovo at Università degli studi di Roma Sapienza.  <b>Honor student</b> from the Università degli studi di Roma Sapienza.

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## Languages <sup>1</sup>

Language	Level	Understanding	Speaking	Writing
<b>Italian</b>	Mother tongue			
<b>English</b>	Fluent	C2	C2	C2
<b>French</b>	Fluent	C1	C1	B2
<b>German</b>	Minimal	B1	B1	B1
Certificates	IELTS Exam (average score: 8). Cambridge English: Proficiency (CPE). Dalf C1. Goethe-Zertificat B1.			

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<sup>1</sup>Common European Framework of Reference for Languages Levels:

A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user

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