

# Elena Pesce

## Current position

*PhD Student*, Department of Mathematics, Genoa, Italy

*PhD Researcher*, Digital & Smart Analytics Team, Swiss Re Corporate Solution, Genoa, Italy

## Research interests

Statistics • Data Science • Design of Experiments in Big Data

## Education

Nov 2017 – Current **PHD STUDENT IN MATHEMATICS AND APPLICATIONS**, University of Genoa, Italy

Sept 2015 – July 2017 **MSC IN STOCHASTICS AND DATA SCIENCE**, University of Turin, Italy (110 Summa cum Laude)

Sept 2012 – July 2015 **BSC IN MATHEMATICAL STATISTICS AND DATA MANAGEMENT (SMID)**, University of Genoa, Italy (110 Summa cum Laude)

Sept 2009 – July 2012 **SCIENTIFIC DIPLOMA E. Amaldi High School**, Novi Ligure, Italy (Grade: 97/100)

## Work experiences

Nov 2017 – Current **PHD RESEARCHER IN DIGITAL & SMART ANALYTICS**, Swiss Re Corporate Solution, Genoa, Italy

Mar 2017 – June 2017 **JUNIOR DATA SCIENTIST**, Evo Pricing, Turin, Italy

May 2015 – July 2015 **INTERN ANALYST**, Elah Dufour SPA, Novi Ligure, Italy

## Articles

2019 E. Pesce, E. Riccomagno, H.P. Wynn (2019). Experimental Design Issues in Big Data. The Question of Bias. In: Greselin F., Deldossi L., Bagnato L., Vichi M. (eds) Statistical Learning of Complex Data. CLADAG 2017. Studies in Classification, Data Analysis, and Knowledge Organization. Springer, Cham, pp. 193–201

## Teaching activities

2018 & 2019 Support activities in Applied Statistics, focused on sampling methods and time series with application in R.

2018 Conference "Machine Bias: when an algorithm has prejudices"