

## Contatta

signorellimirko@hotmail.it

www.linkedin.com/in/signorelli  
(LinkedIn)

mirkosignorelli.github.io (Personal)

## Competenze principali

Statistics

R

SAS

## Languages

Dutch (Limited Working)

Italian (Native or Bilingual)

English (Full Professional)

## Certifications

Certified Base Programmer for SAS  
9

## Honors-Awards

PhD scholarship

Erasmus Scholarship

MSc scholarships

BSc scholarships

Award: national register of excellent  
high school students

## Publications

Rimeporide as a first- in-class NHE-1  
inhibitor: Results of a Phase Ib trial  
in young patients with Duchenne  
Muscular Dystrophy

Blood-derived biomarkers correlate  
with clinical progression in Duchenne  
muscular dystrophy

e-Rum2020: how we turned  
a physical conference into a  
successful virtual event

List of publications

Peripheral blood transcriptome  
profiling enables monitoring disease  
progression in dystrophic mice and  
patients

# Mirko Signorelli

Statistician | assistant professor @ Leiden University  
Leida, Olanda Meridionale, Paesi Bassi

## Riepilogo

I am a statistician working as assistant professor of Statistics at Leiden University.

My research lies at the intersection of `and` . It focuses on the `for` for the analysis of dependent data ( `data`, `data`, and `complex` ) and on the creation of (R packages) that implements such methods. I also have experience with the application of statistics to real-world data, in particular to genetic and biomedical data.

I teach courses focused on computational statistics and longitudinal data analysis for Leiden University's BSc in Mathematics, MSc in Statistics and Data Science, and MSc in Mathematics.

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## Esperienza

Leiden University

Assistant professor in Statistics

2021 - Present (4 anni)

Leiden, South Holland, Netherlands

Leiden University Medical Center

Postdoctoral Researcher in Biostatistics

2017 - 2021 (4 anni)

I worked as a postdoctoral researcher at the Department of Biomedical Data Sciences (Section of Medical Statistics) of the Leiden University Medical Center.

My research focused on the development of new statistical methods for the analysis of longitudinal, high-dimensional and survival data, and on the analysis of gene and protein expression data in patients affected by different types of muscular dystrophies (DMD, FSHD and BMD).

I also worked as teaching assistant for courses from the Statistical Science master of Leiden University, from the Biomedical Sciences bachelor and master of LUMC, and from the Boerhaave foundation.

Universities of Groningen (NL) and of Padova (IT)

PhD student in Statistics

2014 - 2017 (3 anni)

I obtained PhD degrees in Statistics from the University of Groningen (NL) and the University of Padova (IT) in 2017. During my PhD I worked on a research project on the development of new statistical models for the analysis of complex networks arising in the life and social sciences under the supervision of prof. Ernst Wit. My PhD thesis, entitled "Inferring Community-driven Structure in Complex Networks", received the Best PhD Thesis in Applied Statistics Award from the Italian Statistical Society.

University of Milano-Bicocca, department of Statistics

1 anno 6 mesi

Teaching Assistant

febbraio 2012 - luglio 2013 (1 anno 6 mesi)

Milano

Course: Statistics II. Academic years 2011/12 and 2012/13.

Computer lab manager

novembre 2012 - aprile 2013 (6 mesi)

Chamber of commerce (CCIAA) of Bergamo

Internship

febbraio 2011 - maggio 2011 (4 mesi)

Bergamo

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## Formazione

Rijksuniversiteit Groningen

Doctor of Philosophy (Ph.D.), Statistics · (2014 - 2017)

Università degli Studi di Padova

Doctor of Philosophy (Ph.D.), Statistics · (2014 - 2017)

Università degli Studi di Milano-Bicocca

Master's Degree, Statistics · (2011 - 2013)

Università degli Studi di Milano-Bicocca

Bachelor's Degree, Statistics · (2008 - 2011)

Liceo scientifico L. Federici

High School · (2003 - 2008)