

# Silvia Scarpa

## Research activity

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February 2024 - Present

### Research fellow

Department of Statistical Sciences, University of Bologna, Bologna, Italy  
Tutor: Prof. M. R. Ferrante

## Education

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October 2021 - Present

### PhD Student in Statistical Sciences, XXXVII cycle

Department of Statistical Sciences, University of Padova, Padova, Italy  
Supervisor: Prof. M. R. Ferrante (University of Bologna)  
Co-supervisor: Prof. S. Sperlich (University of Geneva)  
Thesis about statistical inference and small area estimation models for a quantile-based income inequality index

April 2023 - December 2023

### Visiting PhD Student

Geneva School of Economics and Management, Geneva, Switzerland  
Host Supervisor: Prof. S. Sperlich

September 2018 - December 2020

### Master's degree in "Statistica, Economia e Impresa"

Department of Statistical Sciences, University of Bologna, Bologna, Italy  
Thesis: *Stima per piccole aree del quantile ratio index. Applicazione alle province italiane.*  
Supervisor: Prof. M.R. Ferrante  
Final grade: 110/110 cum laude

September 2015 – July 2018

### Bachelor's degree in "Economia, Mercati e Istituzioni"

Department of Economics, University of Bologna, Bologna, Italy  
Thesis: *Misure di benessere alternative al Pil: una rassegna critica.*  
Supervisor: Prof. S. Toso  
Final grade: 110/110 cum laude

September 2014 - July 2015

### One Year of Bachelor's degree in "Filosofia"

Department of Philosophy and Communication, University of Bologna, Bologna, Italy

September 2009 - July 2014

### High school diploma (classical studies)

G.D. Romagnosi High School, Parma, Italy

## Research Interests

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Statistics applied to economics; Sampling theory; Small area estimation; Inequality indicators

## Study abroad experiences

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August 2019 - February 2020

Erasmus plus - Exchange programme

**Erasmus plus - Exchange programme**

Université Catholique de Louvain, Louvain-La-Neuve, Belgium

## Relevant academic experiences

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Academic Year 2023/2024

**“Metodi di campionamento e indagini campionarie” (10 hours) - Course Tutor**

University of Bologna, Bologna, Italy

Professor C. Trivisano

Academic Year 2023/2024

**“Statistics and Programming” (20 hours) - Course Tutor**

University of Bologna, Bologna, Italy

Professor M. Novelli

Academic Year 2019/2020

**Master’s degree “Statistica, Economia e Impresa” - Student representative**

University of Bologna, Bologna, Italy

Academic Years 2018/2019 and 2019/2020

**Bachelor’s degree “Economia, Mercati e Istituzioni” - Degree Tutor**

University of Bologna, Bologna, Italy

## Working papers

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*Statistical inference for a quantile-based inequality indicator*, Scarpa. S., Ferrante M.R., Sperlich S.

## Other activities

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February 7 - 8 2024

**Conference on Economic Statistics - Contributed session**

University of Florence, Florence, Italy

June 7 - 9 2023

**ITACOSM conference - Auditor**

University of Calabria, Rende, Italy

October 3 - 5 2022

**Summer School in Social Statistics - Participant**

Organized by the University of Naples Federico II, the University of Salerno, the University of Trieste, the Ca’ Foscari University of Venice

Anacapri, Italy

September 21 - 23 2022

**Statistical Methods and Models for Complex Data conference - Auditor**

University of Padova, Padova, Italy

## Personal skills

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**Computer skills** MS Office (Expert), R (Expert), Latex (Expert), Python (Intermediate), Stata (Intermediate)

**Languages** Italian (native), English (fluent), French (fluent), Spanish (beginner)