

Silvia Scarpa

Personal information

Hometown: Parma (PR), Italy

Date of birth: 08/06/1995

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Research activity

February 2025 - Present

Research fellow

Marco Biagi Department of Economics, University of Modena and Reggio Emilia, Modena, Italy

Tutor: Prof. M. Morciano

February 2024 - January 2025

Research fellow

Department of Statistical Sciences, University of Bologna, Bologna, Italy

Tutor: Prof. M. R. Ferrante

Research Interests

Statistics applied to economics; Socio-economic indicators; Sampling theory; Applied economics; Small area estimation

Education

October 2021 - September 2024

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: *The inequality Quantile Ratio Index: estimation in complex surveys and small areas*

April 2023 - December 2023

Visiting PhD Student

Geneva School of Economics and Management, University of Geneva, 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

Study abroad experiences

August 2019 - February 2020

Erasmus plus - Exchange programme

RUG - University of Groningen, Groningen, Netherlands

January 2017 - July 2017

Erasmus plus - Exchange programme

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

Relevant academic experiences

Academic Year 2024/2025

"Progettazione e realizzazione di indagine economiche" (10 hours) - Course Tutor

University of Bologna, Bologna, Italy

Professor S. Pacei

Academic Years 2023/2024 and 2024/2025

"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

Publications

Scarpa S., Ferrante M. R., Sperlich S., 'Inference for a quantile-based inequality index in the context of survey data', R&R in *Journal of Survey Statistics and Methodology*

Scarpa S., Ferrante M. R., Sperlich S. (2024), "Estimating a Quantile-Based Income Inequality Indicator on Complex Sampling Data", *Book of Short Papers - SIS 2024*, 506-510

Scarpa S., Ferrante M. R., Sperlich S. (2024), "Finite population framework for a quantile-based inequality indicator", *Book of Short Papers - ICES 2024*, 158-160

Working papers

Note on the small area estimation of a robust inequality measure, Scarpa. S., Ferrante M.R., Sperlich S.

Other activities

June 17 - 20 2024

Conference of the Italian Statistical Society - Contributed session

University of Bari, Bari, Italy

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

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

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