

SILVIA DALLARI

Carpi (MO), 27/03/1997

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EDUCATION

- 11/2021–PRESENT **PhD Student in Statistical Sciences, 37th cycle**
ALMA MATER STUDIORUM - Università di Bologna
Supervisor: Prof. Angela Montanari.
- 2019 – 2021 **Two-year Master degree in Statistical Sciences,
Curriculum Data Science**
ALMA MATER STUDIORUM - Università di Bologna
Final grade: 110/110 cum Laude
Thesis: Analysis of missing data in latent vector autoregressive models.
Supervisor: Prof. Silvia Cagnone, Co-Supervisor: Prof. Silvia Bianconcini.
- 2016 – 2019 **Bachelor degree in Scienze Statistiche,
Curriculum Stats & Maths**
ALMA MATER STUDIORUM - Università di Bologna
Final grade: 110/110 cum Laude
Thesis: Customer satisfaction of Amazon Alexa[®]: text mining and sentiment analysis.
Supervisor: Prof. Marco Novelli.
- 2011 – 2016 **Scientific high school diploma**
Manfredo Fanti Scientific High School
Final grade: 100/100

VISITING PERIODS

- 09/2023–01/2024 Visiting PhD student at the Oslo Centre for Biostatistics and Epidemiology (OCBE), University of Oslo (Contact Person: Prof. Arnaldo Frigessi).

EXPERIENCES

- A.Y. 2022 – 2023 **Teaching Tutor**
A.Y. 2023 – 2024 Course: *Inference* (Prof. Silvia Cagnone)
ALMA MATER STUDIORUM - Università di Bologna
- A.Y. 2021 – 2022 **Teaching Tutor**
A.Y. 2022 – 2023 Course: *Statistical Inference and Modelling*
A.Y. 2023 – 2024 (Prof. Angela Montanari, Prof. Saverio Ranciati)
ALMA MATER STUDIORUM - Università di Bologna

- A.Y. 2021 – 2022 **Teaching Tutor**
A.Y. 2022 – 2023 Course: *Statistica e Calcolo delle Probabilità (C.I.) - Statistica (Prof. Cinzia Viroli)*
ALMA MATER STUDIORUM - Università di Bologna
- 09/2021 – 11/2021 **Project for the Department of Statistical Sciences "Paolo Fortunati":**
Analysis of open answers of students' questionnaires using text-mining tools.
ALMA MATER STUDIORUM - Università di Bologna
Referent of the activity: Prof. Laura Anderlucci
- 01/2021 – 03/2021 **Research Assistant Internship (RAship) in Machine learning methods for the signal classification.**
Creation of an algorithm capable of classifying the portions of signals acquired by tractors in different tasks.
ALMA MATER STUDIORUM - Università di Bologna
Referent of the activity: Prof. Cinzia Viroli
- 11/2018 – 04/2019 **Internship**
MediNeos S.U.R.L., Modena
Support on:
 - database validation
 - data quality control
 - quality control of statistical reports
 - SAS validation support

PUBLICATIONS

Laura Anderlucci, Silvia Dallari, Angela Montanari, *View it differently: finding groups in microbiome data*, in: CLADAG 2023 BOOK OF ABSTRACTS AND SHORT PAPERS, Pearson Education Resources, Italia, 2023, pp. 34 - 37 (atti di: CLADAG 2023, Salerno, 11-13 Settembre 2023) [Contributo in Atti di convegno]

CONFERENCES

- SPEAKER:*
22-25/08/2023 S. Dallari, L. Anderlucci and A. Montanari. "Finding groups in microbiome data according to multiple data-views". COMPSTAT 2023. London, UK.
- CO-AUTHORED:*
11-13/09/2023 L. Anderlucci, S. Dallari and A. Montanari. "View it differently: finding groups in microbiome data". CLADAG 2023. Salerno, Italy.
- 17-19/12/2022 A. Montanari, L. Anderlucci and S. Dallari. "Modelling heterogeneity in human gut microbiome: A clustering-based perspective". Conference of the ERCIM WG on computational and methodological statistics. London, UK.
- POSTER PRESENTATIONS:*
17-21/07/2023 S. Dallari, L. Anderlucci and A. Montanari. "Mixtures of generalized linear latent variable models for multivariate count data". Working Group on Model-Based Clustering. Pittsburgh, USA.

WORKSHOPS

- 17/09/2022 **Participation in the hackathon *HackTheGene***
Department of Statistical Sciences of the University of Padova
Padova

TECHNICAL SKILLS

Programming Languages	R, Python, MATLAB
Statistical Softwares	STATA, SAS
Others	MySQL, LaTeX, Microsoft Office

LANGUAGE SKILLS

Italian	mother tongue
English	B2
Spanish	A2

CERTIFICATIONS

IELTS Academic, level B2, 2020

European Computer Driving Licence (ECDL) , 2015

AWARDS AND GRANTS

- Marco Polo programme mobility scholarship n.1 Year 2023.
- Study Award of the *Fondazione Cassa di Risparmio di Carpi* for the Master degree obtained in 2021.
- Study Award in favor of deserving students enrolled in the academic year 2020/2021 of the ALMA MATER STUDIORUM-Università di Bologna.
- Study Award of the *Fondazione Cassa di Risparmio di Carpi* for the Bachelor degree obtained in 2019.
- Winner of the call for incentives for deserving students enrolled in the academic year 2016/2017 in degree programmes of particular national and community interest of the University of Bologna.
- Study Award of the *Fondazione Cassa di Risparmio di Carpi* for the high school diploma obtained in 2016.

I consent to the processing of my personal data pursuant to the GDPR and the Italian Legislative Decree of 30 June 2003, n. 196.