

# Edoardo Redivo

EMAIL: [edoardo.redivo@unibo.it](mailto:edoardo.redivo@unibo.it)

## CURRENT POSITION

---

MAR 2024 - **Junior Assistant Professor** (*Ricercatore a tempo determinato tipo A SECS-S/01*)  
*Department of Statistical Sciences, **University of Bologna***

## PREVIOUS POSITIONS

---

OCT 2023 - **Research fellow**  
MAR 2024  
Project title: *Projection-based depth function and its use in classification*  
*Department of Statistical Sciences, **University of Bologna***  
Supervisor: Prof. Cinzia Viroli

## EDUCATION

---

2020 - 2023 **Ph.D. in Statistics**  
**University of Bologna**  
Thesis title: *Modelling and Classification With Quantile-Based Distributions*  
Supervisor: Prof. Cinzia Viroli

2018 - 2020 **MSc in Statistical Sciences**  
**University of Bologna**  
Final grade: 110/110 *cum laude*  
Thesis title: *Measuring Spacing and Stopping Behaviour During the Fertility Decline: An Analysis Based on Cure Survival Models*  
Supervisors: Prof. Francesco Scalone and Prof. Martin Dribe

2017 - 2018 **BSc with Honours in Statistics**  
**University of Glasgow**  
Final grade: Honours of the First Class  
Thesis title: *Statistical modelling and clustering of skewed data from genotype-calling assays*  
Supervisors: Prof. Mayetri Gupta and Prof. Giuliano Galimberti

2015 - 2018 **BSc in Statistical Sciences, Curriculum Stats & Maths**  
**University of Bologna**  
Final grade: 110/110 *cum laude*

## STUDY AND VISITING PERIODS ABROAD

---

SEP 2017 - JUL 2018	Erasmus+ Study <b>University of Glasgow</b> , UK
SEP 2019 - JUL 2020	Erasmus+ Study Master thesis at the <i>Centre for Economic Demography</i> <b>University of Lund</b> , Sweden
MAR 2023 - JUN 2023	Visiting Ph.D. Student <b>University of Valladolid</b> , Spain Supervisor: Prof. Agustín Mayo Iscar

## TEACHING

---

**Lecturer** for the following courses at the University of Bologna:

a.a. 2023-2024	<i>Record Linkage</i>	BSc in Statistical Sciences
	<i>Laboratorio di analisi dei dati (M-Z)</i>	BSc in Statistical Sciences
a.a. 2024-2025	<i>Probability and Statistics</i>	MSc in Economics and Econometrics
	<i>Record Linkage</i>	BSc in Statistical Sciences
	<i>Laboratorio di analisi dei dati (M-Z)</i>	BSc in Statistical Sciences

**Teaching assistant** for the following courses part of the BSc in Statistical Sciences at the University of Bologna:

a.a. 2018-2019	<i>Statistics II</i>
a.a. 2020-2021	<i>Statistics I, Statistica, Statistics II, Modelli lineari, Multivariate Analysis</i>
a.a. 2021-2022	<i>Statistics I, Modelli lineari, Multivariate Analysis</i>
a.a. 2022-2023	<i>Statistics I, Modelli lineari, Multivariate Analysis</i>
a.a. 2023-2024	<i>Statistics I, Statistica, Modelli lineari</i>

## PUBLICATIONS

---

- Redivo E., Nguyen H. D., Gupta M. (2020): *Bayesian clustering of skewed and multimodal data using geometric skewed normal distributions*. In: Computational Statistics & Data Analysis, Volume 152, p. 107040. DOI: <https://doi.org/10.1016/j.csda.2020.107040>.
- Redivo E., Viroli C., Farcomeni A. (2023): *Quantile-distribution functions and their use for classification, with application to naïve Bayes classifiers*. In: Statistics and Computing, Volume 33, Article number 55. DOI: <https://doi.org/10.1007/s11222-023-10224-4>.
- Redivo E., Viroli C. (2024): *Bayesian estimation of a quantile-based factor model*. In: Journal of Statistical Computation and Simulation, Volume 94. DOI: <https://doi.org/10.1080/00949655.2024.2406092>.

## Conference proceedings

- Redivo E., Viroli C. (2023b): *Introducing a novel directional distribution depth function for supervised classification*. In: SEAS IN Book of short papers 2023, pp. 945–949. ISBN: 9788891935618AAVV.
- Redivo E., Viroli C. (2023a): *A supervised classification strategy based on the novel directional distribution depth function*. In: Book of Abstracts and Short Papers. 14th Scientific Meeting of the Classification and Data Analysis Group, pp. 617–620. ISBN: 978-88-919-3563-2.

## LANGUAGES

---

ITALIAN: Native speaker  
ENGLISH: Level C1 CEFR (*First Certificate in English*)  
SPANISH: Excellent comprehension and good production level.

## COMPUTER SKILLS

---

Programming languages: R (*R Programmer* certification from DataCamp)  
PYTHON  
Statistical software: SAS (*SAS Certified Base Programmer for SAS 9*)  
STATA  
Other programmes: MYSQL, LATEX, MICROSOFT OFFICE