

# Gabriele d'Angella

Alma Mater Studiorum - University of Bologna  
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## Current position

2024 – present **Alma Mater Studiorum University of Bologna**  
Research Fellow in Statistical Sciences  
Project: “DARE: Digital Lifelong Prevention”

## Education

2021 – present **Alma Mater Studiorum University of Bologna**  
PhD in Statistical Sciences  
Thesis Title:  
*Statistical delimitation of biological species based on genetic and spatial data*  
Supervisor: [Prof. C. Hennig](#)

2018 – 2020 **Alma Mater Studiorum University of Bologna**  
MSc in Statistical Sciences (110/110 with honors)  
Thesis Title: *Clustering High-Dimensional Presence-Absence Data based on Multidimensional Scaling: a Comparative Simulation Study*  
Supervisor: Prof. C. Hennig

2019 – 2020 **KU Leuven** – Leuven, Belgium  
Erasmus Program

2015 – 2018 **Università di Trento**  
Bachelor's in Economics & Management (110/110 with honors)  
Thesis Title: *Progettazione di un'indagine sulla percezione del rischio del fenomeno migratorio nel Comune di Trento*  
Supervisor: [Prof. G. Espa](#)

2010 – 2015 **Liceo Scientifico Valdemaro Vecchi** – Trani, Italy  
High School Diploma (100/100 with honors)

## Publications

d'Angella, G., Hennig, C. (2025). *Biological Species Delimitation Based on Genetic and Spatial Dissimilarity Using Partial Mantel Tests*. In: Pollice, A., Mariani, P. (eds). Methodological and Applied Statistics and Demography III. SIS 2024. Italian Statistical Society Series on Advances in Statistics. Springer, Cham.

d'Angella G., Hennig C. (2024). *Approaches to biological species delimitation based on genetic and spatial dissimilarity* (see [arXiv preprint](#))

d'Angella, G., Hennig, C. (2022). *A Comparison of Different Clustering Approaches for High-Dimensional Presence-Absence Data*. In: Bekker, A., Ferreira, J.T., Arashi, M., Chen, DG. (eds) Innovations in Multivariate Statistical Modeling. Emerging Topics in Statistics and Biostatistics. Springer, Cham.

## Conferences

- Dec 2024 Computational and Methodological Statistics ([CMStatistics 2024](#))  
London, United Kingdom
- Aug 2024 7th Workshop on Models and Learning in Clustering and Classification ([MBC2](#))  
Catania, Italy
- Jun 2024 The 52nd Scientific Meeting of the Italian Statistical Society ([SIS24](#))  
Bari, Italy
- Dec 2023 Computational and Methodological Statistics ([CMStatistics 2023](#))  
Berlin, Germany

## Teaching Experience

- 2024 - 2025 **Tutorships**
- Big data and analytics* (Prof. Farnè, MSc in Statistic, Economics and Business, STAT)
  - Modern statistics and big data analytics* (Prof. Christian Hennig, MSc in Statistical Sciences, STAT)
  - Laboratory activity on Python* (Prof. Matteo Farnè, MSc in Statistics, Economics and Business, STAT)
  - Business statistics: methods and applications* (Prof. Martin Forster, MSc in Statistics, Economics and Business, STAT)
  - Metodi statistici per il data mining* (Prof. Farnè, Laurea magistrale in Statistica, economia e impresa, STAT)

2023 - 2024 **Tutorships**  
*Big data and analytics* (Prof. Farnè and Prof. Tiberi, MSc in Statistic, Economics and Business, STAT)  
*Modern statistics and big data analytics* (Prof. Christian Hennig, MSc in Statistical Sciences, STAT)  
*Laboratory activity on Python* (Prof. Matteo Farnè, MSc in Statistics, Economics and Business, STAT)  
*Business statistics: methods and applications* (Prof. Martin Forster, MSc in Statistics, Economics and Business, STAT)

2022 - 2023 **Tutorships**  
*Laboratory activity on Python* (Prof. Matteo Farnè, MSc in Statistics, Economics and Business, STAT)  
*Supervised Statistical Learning* (Prof. Laura Anderlucci, MSc in Statistical Sciences, STAT)

## Technical skills

### Programming languages and software

Proficient in: R, Python

Certificates for: SAS (Certified Base Programmer for SAS 9), Microsoft Office Suite (ECDL full standard)

Familiar with:  $\LaTeX$ , VBA, Adobe Analytics, SPSS, MySQL

### Languages

Italian (native), English (fluent), German (basic)

## Industry experience

### 2020 – 2021 **Unipol Insurance Master Program**

UnipolSai Assicurazioni S.p.A. – Bologna, Italy

One-year graduate program consisting of lectures given by top managers and rotation in the organization units of the company. Among other things, I supported the Operations department by programming VBA algorithms, participated in the organization of the company Covid-19 vaccination plan and developed dashboards about the customer experience on the company's digital channels.