

Edoardo Costantini

Personal information

Date of birth 16 October 1994
Nationality Italian
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Experience

09/2019 - ongoing **Ph.D. researcher**, *Tilburg University*, Department of Methodology and Statistics

- **Academic research** — I developed cutting-edge algorithms to address non-response bias in questionnaires.
- **Development of educational material** — I designed tutorials and study material for university students to practice and evaluate their computational and statistical skills. I developed a website to share accessible blog posts on statistical concepts (see the 'Digital garden' on my personal website).
- **Frontal teaching** — I taught university master students how to program and perform complex data analyses in R. I recorded instructional videos to facilitate hybrid learning.
- **Coordination** — I managed small groups of teaching assistants for multiple iterations of the main statistics course in a data science master program.

08/2018 - 06/2019 **Teaching assistant**, *Tilburg University*, Department of Methodology and Statistics

I held **frontal lectures** and **computer laboratory sessions** for courses on:

- *Computational statistics* (master's level.)
- *Statistics and methodology* (master's level.)
- *Experimental research methods* (bachelor's level.)

03/2017 - 05/2017 **Research assistant**, *IRVAPP*, Trento, Italy

- Data cleaning for a public policy evaluation project.

Education

08/2017 - 08/2019 **Research master**, *Methodology and Statistics for Social and Behavioral Sciences*, Tilburg University, the Netherlands
Cum Laude (with honors)

09/2014 - 06/2017 **Bachelor's degree**, *Sociology*, University of Trento, Italy
Cum Laude (with honors)

Skills

Coding and software R, cluster computing, version controlling (Git), Bash, Python, \LaTeX , SPSS
Web development R Shiny, Hugo, R blogdown, CSS
Data analysis Multiple imputation, regression analysis, principal component analysis, regression and classification trees, regularized regression, A/B testing
Italian Native speaker
English Full Professional working proficiency (TOEFL C1)
Dutch Basic communication