Edoardo Costantini

Personal information

Date of birth	16 October 1994
Nationality	Italian
Based in	Tilburg, Netherlands
E-mail	costantini.edoardo@yahoo.com
Personal website	https://edoardocostantini.github.io
GitHub	https://github.com/EdoardoCostantini

Experience

09/2019 - 12/2023 (expected)

Ph.D. researcher, *Tilburg University*, Department of Methodology and Statistics

- **Software development** — I developed software for addressing missing data in social science surveys in collaboration with the sociology department. I contributed to a variety of existing R packages in the field of social science. I developed numerous web applications to facilitate interaction with my research results.
- **Academic research** — I created innovative algorithms to tackle non-response bias in social surveys and written scientific articles detailing their effectiveness and use cases.
- **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.

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, version controlling (Git), Bash, Python, cluster computing, LaTeX, SPSS
Web development	R Shiny, Hugo, R blogdown, CSS
Data analysis	Multiple imputation, principal component analysis, regression and classification trees, regularized regression, and other machine learning techniques
English	Full Professional working proficiency (TOEFL C1)
Italian	Native speaker
Dutch	Basic communication