

# Edoardo Costantini

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## Personal Information

Date of birth 16 October 1994  
Nationality Italian  
Address Schouwburgring 77-25, Tilburg  
E-mail [costantini.edoardo@yahoo.com](mailto:costantini.edoardo@yahoo.com)  
Personal website <https://edoardocostantini.github.io>



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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 material for university students to practice and evaluate their computational and statistical skills. I developed a website to share accessible study material based on my research (see the 'Digital garden' on my personal website).
  - *Teaching* — I taught university master students how to program in R and perform complex data analyses in R. I recorded video tutorials 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.

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## 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)*

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## Skills

### IT

- Coding and software R, cluster computing, version controlling (Git), Bash, Python,  $\text{\LaTeX}$ , 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
- Languages
- Italian Native speaker
- Englisch Full Professional working proficiency (TOEFL C1)
- Dutch Basic communication