

# TIAGO CABAÇO



## PROFESSIONAL EXPERIENCE

Today  
|  
2016

### Doctoral Research Fellow

Humboldt-University

📍 Berlin

- Work with a large data set (> 4.000.000 data points) and developed techniques for data pre-processing and quality assessment using R.
- Build computational models of decision making using probabilistic programming language Stan.
- Developed extensive experience with hierarchical Bayesian regression techniques with a focus on scalable solutions.
- Strong use of visualizations using R to communicate insights and assess statistical model performance.

2015  
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2016

### Research Trainee

Psychological methods group

📍 University of Amsterdam, NL

- Created, maintained and fact-checked an archival data base with historical events from the Psychometric Society, resulting in a publication.
- Used R to develop and deploy animated network visualizations of sequences of historical events.

2015  
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2014

### Telemarketer

Yourvoice Contact Solutions Ida

📍 Lisbon, Portugal

- Acquired a goal-orientation attitude and skills needed to work in a fast-paced and high pressure role, as demonstrated by being in the 'Top 5' employees for successive months.

2014  
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2013

### Psychologist, intern

Center for Family and Parental Support

📍 Barreiro, Portugal

- Developed inter-disciplinary team work and project management skills by conducting youth group interventions, organizing community events and family counseling activities.

2014  
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2012

### Research Consultant

Freelance

📍 Lisbon, Portugal

- Consulted several research projects by supporting data analysis projects, and by conducting and translating structured interviews.

2013  
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2012

### Librarian

Library of Psychology, University of Lisbon

📍 Lisbon, Portugal

- Learned excellent communication and organizational skills, by being responsible for customer care and for organizing the reading space and storage repositories.

2012  
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2011

### Research Assistant

Cognitive psychology lab

📍 University of Lisbon, Portugal

- Assisted ongoing research projects by doing data collection and literature review, resulting in an authored publication and development of project management skills.

2011  
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2010

### Research Fellow

Grant by Amadeu Dias Foundation

📍 Lisbon, Portugal

- Responsible for data collection, lab management and reporting. The project received the foundation's award for best social sciences project.

## CONTACT INFO

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☎ +49 176 439 822 51

## SKILLS

Statistical analysis  
Bayesian inference  
Probabilistic programming  
Data cleaning and pre-processing  
Data visualization  
Teaching  
Public speaking

## PROGRAMMING LANGUAGES

Highly skilled in R, Stan and LaTeX  
  
Skilled in Bash  
  
Familiar with Python and C++

## TOOLS





Git  
R Markdown reports

## LANGUAGES

English (Fluent)  
Portuguese (Native)  
German (A2)



## EDUCATION

- Today  
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2016
- **PhD in Computational Psychology**  
Humboldt-University  Berlin  
• Grant by the International Max Planck Research School on the Life Course.
- 2014
- **Erasmus Intensive Program in Mathematical Psychology**  
University of Tartu  Sagadi, Estonia
- 2015  
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2012
- **Masters in Clinical Psychology**  
University of Lisbon  Lisbon, Portugal  
For my thesis I developed and deployed an online survey, and self-learned R to implement a non-standard statistical model. All of which resulted in receiving the highest grade with distinction.
- 2011  
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2009
- **BA in Psychological Sciences**  
University of Lisbon  Lisbon, Portugal








## PUBLICATIONS

- Wijsen, L. D., Borsboom, D., **Cabaço, T.**, & Heiser, W. J. (2019). *An Academic Genealogy of Psychometric Society Presidents. Psychometrika*, 84(2), 562-588.
- Almeida, J., Mahon, B. Z., Zapater-Rabero, V., Dziuba, A., **Cabaço, T.**, Marques, J. F., & Caramazza, A. (2014). Grasping with the eyes: *The role of elongation in visual recognition of manipulable objects. Cognitive, Affective, & Behavioral Neuroscience*, 14(1), 319-335.



## CIVIC PARTICIPATION

- 2018  
|  
2017
- **Student's representation**  
Graduate students representative  Berlin  
• Agilized the communication between administration and students.
- 2014  
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2013
- **Elder Care**  
Elderly Care Home  Lisbon, Portugal  
Supported physiotherapy sessions with the elderly.
- 2013  
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2009
- **Student's representation**  
Pedagogical Counsel  Faculty of Psychology, University of Lisbon  
• As student body representative, I made the bridge between the students and faculty.  
• I was responsible for scheduling the exams for all courses and represented the faculty in an external evaluation process.
- 2010
- **Disaster Relief**  
Faculty of Psychology  University of Lisbon, Portugal  
• Organized a Goods Collection Campaign to support Madeira's population, when it was affected by disaster floods in February 2010.
- 2009  
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2006
- **Drug Addiction and Homelessness**  
Teen Challenge  Lisbon, Portugal  
• Volunteered at the food and syringes delivery team. Organized and conducted community activities for children and elderly people in a disadvantaged neighborhood.