

Annika Tave Overlander, M.Sc.

Ph.D. student

Education

- 2023-date **PhD candidate in Research Methods and Internet-based Research**, Konstanz, GER, University of Konstanz.
- 2020-2023 **M.Sc. Psychology: Cognitive and Affective Neuroscience (1.5)**, Dresden, GER, TU Dresden.
- 2016-2020 **B.Sc. Psychology (1.6)**, Bremen, GER, University of Bremen.
- 2007-09 & **Abitur (1.4)**, Darmstadt, GER, Lichtenbergschule Secondary School.
'11-15
- 2009-2011 **Bilingual Education**, Boston, MA, USA, German International School Boston.

Teaching

- SS 26 **Quantitative Data Analysis**, Blockseminar, Hamburg FH.
- WS 25 **Statistics 1**, Lecture & Exercise, Uni Konstanz.
- WS 25 **Research Project: Statistical Literacy**, Experimental Practicum, Uni Konstanz.
- SS 24 & SS 25 & SS 26 **Psychological Resarch with R**, Seminar, Uni Konstanz.
- WS 24 **Statistics 1**, Exercise, Uni Konstanz.
- SS 23-WS 24 **Statistics II**, Lecture, Hamburg FH.
- SS 22-WS 24 **Empirical Researchproject**, Blockseminar, Hamburg FH.

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- WS 23 **Creating Online Studies and Experimental Practice**, *Seminar*, Uni Konstanz.
- WS 21 & SS 22 **CAN6: Advanced Statistical Methods**, *Tutorial*, TU Dresden.

Workshops/ Conference Talks

- Nov. 25 **The Stats Picker: AI-supported selection and use of statistical procedures**, *SCiP Symposium speaker*, Denver, USA.
- Nov. 24 **BiFiX: An Openly Available Validated Online Big Five Test-Integration on WEXTOR**, *SCiP Symposium speaker*, New York, USA.
- Sep. 24 **Celebrating 30 Years of Web-based Experimenting**, *Symposium co-organizer*, Uni Konstanz, GER.
- July 24 **dropR: Analyze and Visualize Dropout in Research**, *useR! conference speaker*, Salzburg, Austria.
- May 24 **Art, Therapy & Mindfulness**, *Workshop co-organizer*, Uni Konstanz, GER.
- April 24 **Psychological Research in WEXTOR.eu**, *Workshop speaker*, Uni Tübingen, GER.

Awards

- 2026 'Lehrpreis der Universität Konstanz von Studierenden' (LUKS) University of Konstanz Award for Teaching Excellence.
- 2025 PANDOTA Ph.D. grant (University of Konstanz).
- 2023 Karl-and-Charlotte-Bühler-Prize for excellent teaching (TU Dresden, 'CAN6 - Advanced Statistical Methods').

Work Experience

- 2025 - date **Jumping Fitness Instructor**, *Move Gesundheitsstudio*, Singen, Germany.
- 2018 - Jun 2023 **Student Assistant**, *Personality Psych.: SPeADy-Project*, University Bremen.
- Jul 2021 - Mar 22 **Student Assistant**, *General Psych.: A1-Project*, TU Dresden.
- 2020 - 2021 **Freelance Social Media**, *psylife-magazine*, Berlin.

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2013 - 2015 **Private Tutor for English**, Darmstadt.

2013 - 2015 **Assistant Dance Teacher**, 'Tanzschule Stroh', Darmstadt.

Skills

- IT Skills Microsoft-Office.
GIMP editing.
WordPress: Website Design.
Git (version control).
- Data Science R & R-Studio.
LaTeX & Shiny.
Matlab & SPSS.
HTML & JavaScript.
- Languages German & English: Fluent (C2).
Spanish: Advanced.
French, Norwegian & Russian: Basic Knowledge.

Publications

Roth, L., Caffier, J., Reips, U.-D., Nuerk, H.-C., **Overlander, A. T.**, & Cipora, K. (2025). One and only SNARC? Spatial-numerical associations are not fully flexible and depend on both relative and absolute number magnitude. *Royal Society Open Science*, 12(1). <https://doi.org/10.1098/rsos.241585>

Reips, U.-D., **Overlander, A. T.** & Bannert, M. (2025). Dropout analysis: A method for data from Internet -based research and dropR , an R -based Web App and package to analyze and visualize dropout. *Behavior Research Methods*, 57(231). <https://doi.org/10.3758/s13428-025-02730-2>

Kandler, C., **Overlander, A. T.** & Bleidorn, W. (2025). Do core motives differ from broad personality trait dimensions in their changeability and susceptibility to life experiences? *European Journal of Personality*, 0(0). <https://doi.org/10.1177/08902070251353549>

Lühder, A., & **Overlander, A. T.** (2025). Communication of the healthcare sector on climate change. *Zenodo*. <https://doi.org/10.5281/zenodo.14873606>

In Preparation/ Preprints

Roth, L., Cipora, K., **Overlander, A. T.**, Nuerk, H.-C., & Reips, U.-D. (in preparation). Shape of SNARC: How task-dependent are spatial-numerical associations? A highly powered online experiment. *OSF Preprints*. <https://osf.io/4wpv6/>

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Software I Maintain

R packages **dropR**, <https://doi.org/10.32614/CRAN.package.dropR>.

rextor, <https://doi.org/10.32614/CRAN.package.rextor>.

Shiny Apps **dropR**, <https://dropR.eu>.

Stats Picker, <https://the-tave.shinyapps.io/Stats-Picker/>.

Fun Facts

- International Relations I was fortunate to spent two years at a German School in Boston, Massachusetts. Later, I got to do a short internship at an online marketing firm in Madrid, Spain. Currently, I am preparing for a research visit abroad in 2026. I am always very open to expanding my newtwork across the globe.
- Volunteer Work All throughout my undergraduate studies I was an active part of university politics (Student Council, Examination Committee & Department Council). I am continuing this engagement in my Ph.D. as elected member of the Department Council as well as the Doctoral Researcher Council.

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