

# KRISTIN WITTE

PhD Student in Psychology

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KristinWitte

## KEY EXPERIENCE

### PhD Student

Helmholtz Munich • Ludwig-Maximilians-University

Oct. 2022 – Ongoing

Munich, Germany

- Computational Cognitive Modelling for Psychiatry Research
- Large Language Models applied to improving psychiatry

### Masters Thesis

University College London

Feb. 2022 – Sep. 2022

London, UK

- Development of an online worry reduction intervention
- Computational Modelling using Gaussian Processes

## PROJECTS

### Using LLMs in Psychiatry Research

Helmholtz Munich

- Inducing anxiety in LLMs increases bias [PAPER 1] [PAPER 2]
- Fine-tuning Llama to act as a therapy supervisor

### Computational Modelling of Decision Making

MPI for Biological Cybernetics • UCL • Helmholtz Munich

- Relating exploration behaviour to anxiety and depression [PAPER]
- Testing reliability and validity of exploration tasks [PAPER]

## KEY PUBLICATIONS

For a complete list of publications, see [Google Scholar](#)

### Journal Articles

- Z. Ben-Zion, K. Witte, A. K. Jagadish, et al., “Assessing and alleviating state anxiety in large language models,” *npj Digital Medicine*, vol. 8, no. 1, pp. 1–6, 2025.
- K. Witte, M. Thalmann, and E. Schulz, “Model-based exploration is measurable across tasks but not linked to personality and psychiatric assessments,” *Scientific Reports*, 2025.
- K. Witte, T. Wise, Q. J. Huys, and E. Schulz, “Exploring the unexplored: Worry as a catalyst for exploratory behavior in anxiety and depression,” *PsychArxiv*, 2024.

### Conference Proceedings

- K. Witte, E. Schulz, T. Wise, and Q. Huys, “People who worry more explore more,” in *Conference on Cognitive Computational Neuroscience (CCN 2023)*, 2023, pp. 355–357.

## STRENGTHS

Driven

Structured

Clear communication

Independent

R

Python

JavaScript

HTML

MATLAB

LaTeX

## LANGUAGES

German

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English

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French

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## EDUCATION

### Ph.D. Psychology

Ludwig-Maximilians-University

2022 – present

Munich, Germany

### MSc. Neural and Behavioural Science

University of Tuebingen

2020 – 2022

Tuebingen, Germany

### B.Sc. Psychology

Radboud University

2016 – 2019

Nijmegen, Netherlands

## REFEREES

### Dr. Eric Schulz

@ Helmholtz Munich

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PhD Supervisor

### Prof. Dr. Quentin Huys

@ University College London

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Master Thesis Supervisor

### Prof. Dr. Tobias Kaufmann

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Rotation Project Supervisor