

# KRISTIN WITTE

## PhD Student in Psychology

 Munich, Germany     kristin.witte@helmholtz-munich.de     kristin-witte-a356b7161     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    ● ● ● ● ●

English    ● ● ● ● ●

French    ● ● ● ● ●

## 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  
 eric.schulz@helmholtz-munich.de  
PhD Supervisor

### Prof. Dr. Quentin Huys

 University College London  
 q.huys@ucl.ac.uk  
Master Thesis Supervisor

### Prof. Dr. Tobias Kaufmann

 University of Tuebingen  
 tobias.kaufmann@med.uni-tuebingen.de

Rotation Project Supervisor