



CLARA VETTER

Psychology B.Sc.

Cognitive Neuroscience & Behavioral Data Science M.Sc.

CONTACT:



Clara.Vetter@med.uni-muenchen.de



Hospital of the University of Munich
Clinic for Psychiatry and
Psychotherapy Nussbaumstraße 7
80336 München

PROFILE

In my PhD project I am investigating machine learning and deep learning models for neuroimaging data to enhance the diagnosis and prognosis of psychiatric disorders. Among others, I am especially interested in brain network analysis and graph learning algorithms. As part of my responsibilities in the group, I am implementing new functionalities for Nikos Koutsouleris' Machine Learning Toolbox NeuroMiner. Thus, my PhD connects my two great interests that have been shaped through my academic education, the brain (and its complexity) and AI.

I obtained a research master's degree in Cognitive Neuroscience and Behavioral Data Science from the University of Amsterdam, The Netherlands, and a bachelor's in general Psychology as well as a minor in Computer Science from the University of Freiburg, Germany. During my studies I worked at several international research institutions, including the German Center of Aviation and Aerospace (DLR), the University of Hong Kong and Amsterdam University Medical Center. At the same time, I gained more applied experience while working as a data scientist at different start-ups.

PUBLICATIONS

Van Lissa, C. J., Stroebe, W., Leander, N. P., Agostini, M., Draws, T., Grygoryshyn, A., ... & Bélanger, J. J. (2022). Using machine learning to identify important predictors of COVID-19 infection prevention behaviors during the early phase of the pandemic. *Patterns*, 3(4), 100482.

<https://doi.org/10.1016/j.patter.2022.100482>

