

YUGA HIKIDA

PERSONAL INFORMATION

Birthday 29/11/1999
Nationality Japanese
Address Dortmund, Germany
email yuga.hikida@gmail.com
website <http://yugahikida.github.io>

WORK EXPERIENCE

TU Dortmund University	9/2023-	Research Assistant, Department of Statistics Development of R package for estimation of Bayesian Proxy Structural Vector Autoregressive model. Preparation of lecture materials for econometric. Supervisor: Dr. Jan Prüser
	6/2023-	Research Assistant, Department of Statistics Development of R package for meta-uncertainty quantification for Bayesian model comparison. Creating interactive figures / animation for visualization of the paper. Supervisor: Marvin Schmitt
Rejoui.inc	2021-2023	Data Scientist Intern Conducted association analysis of patient's sentiment and injection using medical consultation audio clips. Data analysis of log data from e-learning platform to understand customer behaviour. Creating educational contents for data science learner.

EDUCATION

Masters of Econometrics	10/2022-	University Alliance Ruhr Grade: 1.5 (current) Selected modules · Time Series Analysis, Econometrics, Asymptotic theory, Applied Bayesian Data Analysis, Bayesian Deep Learning, Multilevel Model. Expected graduation: 10/2024
Bachelor of Economics	2018-2022	University of Sussex Grade: First-class Honour Thesis: <i>Reaction of Crude Oil Market on OPEC Announcement</i>

PUBLICATIONS

Marvin Schmitt, Yuga Hikida, Stefan T Radev, Filip Sadlo, and Paul-Christian Bürkner. "The Simplex Projection: Lossless Visualization of 4D Compositional Data on a 2D Canvas". In: *arXiv preprint arXiv:2403.11141* (2024) (Preprint)

SOFTWARE SKILLS

Advanced R · Development of R package; data analysis using tidy, ggplot, brms and

bayesplot; Interactive app using quarto.
Python · Data analysis using numpy, pandas, sklearn and pyplot.

Intermediate

Python · Building machine learning model using Pytorch and Tensorflow.
Other · Stan, SQL, Web Programming (HTML/CSS, JavaScript, Flask)

OTHER INFORMATION

Awards

2023 · Scholarship Deutschlandstipendium (€3,600)

Certificates

2022 · Neuromatch Certificate of Completion
2021 · Deep Learning Specialization by DeepLearning.AI
2021 · CS50x: Introduction to Computer Science

Languages

ENGLISH · Full professional proficiency
JAPANESE · Native

March 29, 2024