

Jan-Ole Koslik

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EDUCATION

PhD in Statistics Bielefeld University, Germany	2023 – today
MSc Statistical Science Bielefeld University, Germany <i>Grade: 1.0</i>	2021 – 2023
BSc Economics (intermediate studies) Bielefeld University, Germany	2020 – 2021
Study Abroad Budapest Business School, Hungary	2019
BA Business Administration Bielefeld University of Applied Sciences, Germany <i>Grade: 1.4</i>	2017 – 2020

EMPLOYMENT

Research Associate in the Statistics and Data Analysis Group Bielefeld University, Germany	2023 – today
Research Assistant in the Statistics and Data Analysis Group Bielefeld University, Germany	2022 – 2023
Working Student Pricing Intelligence CLAAS KGaA mbH, Germany	2021 – 2022
Intern Market Intelligence CLAAS KGaA mbH, Germany	2020

PUBLICATIONS

- Michels, R., **Koslik, J.-O.** (2023). On the combination of data smoothing and Markov-switching models. *Journal of the Royal Statistical Society – Series C*, in press

PREPRINTS

Koslik, J.-O., Feldmann, C.C., Mews, S., Michels, R., Langrock, R. (2023). Inference on the state process of periodically inhomogeneous hidden Markov models for animal behaviour. Preprint, arXiv:2312.14583

Dyck, J., **Koslik, J.-O.**, Sauzet, O. (2023). EgoCor: an R package to fit exponential semi-variograms to model the local spatial correlation structure of health outcomes. Preprint, arXiv:2309.12979

TEACHING

Workshop lecturer and demonstrator

Using hidden Markov models to uncover ecological state dynamics from logging data
One-day workshop in Tokyo, Japan.

March 2024

Tutorial demonstrator and marker

Bielefeld University

2023 – today

- Hidden Markov models (MSc)
- Generalised linear models (MSc)

Bielefeld University of Applied Sciences

2018 – 2020

- Statistics for economists (first year)
- Mathematics for economists (first year)

GRANTS AND AWARDS

German public-private scholarship (Deutschlandstipendium)

2019 – 2020 and 2022 – 2023

PRESENTATIONS

Mitigating consequences of the Markov assumption

Poster at the 18. doctoral workshop of the Bielefeld Graduate School of Economics and Management (BiGSEM), Bielefeld University, Germany, October 2023

Mitigating consequences of the Markov assumption

Talk at the Center for Statistics, Bielefeld University, Germany, October 2023

COMMUNITY INVOLVEMENT

Reviewer

- Journal of Computational and Graphical Statistics
- Journal of the Royal Statistical Society Series C

SKILLS

- **Programming:** R (including Rcpp), C++, Python
- **Tools:** LaTeX, git, SQL
- **Languages:** German, English