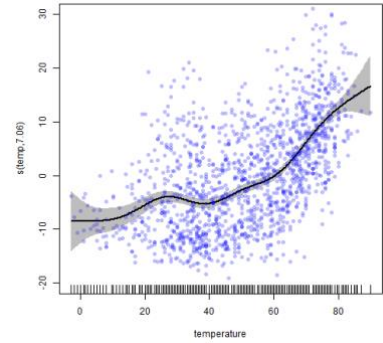


Statistics and data science courses offered by the Theoretical Ecology Group Summer Term 2022



Blockkurs - 54371 - Introduction to Statistics with R

Date: May 30th to June 3rd

Topics: Repetition and practical implementation of basic statistical procedures (hypothesis tests, linear regression, ordination methods, plots) in R

Course description: <https://bit.ly/3BL16qV>

Main Instructor: [Dr. Loic Chalmandrier](#)



Blockkurs - 54375 - Advanced Biostatistics with R

Date: June 20th to 24th.

Topics: Applied regression analysis using linear and generalized linear mixed models, causal inference, handling dispersion and correlation structures, nonparametric methods for GLMMs

Course description: <https://bit.ly/3HgEkrZ>

Main instructor: [Prof. Florian Hartig](#)



Blockkurs - 54379 - Machine Learning and AI in TensorFlow and R.

Date: July 11th - 15th

Topics: Introduction to ML and Deep learning in R with TF and PyTorch

Course description: <https://cutt.ly/IPLoZox>

Main Instructor: [Maximilian Pichler](#)



We also offer **BSc and MSc internships** on statistics and machine learning. Check out instructions on requirements and how to apply at by searching for courses by “Florian Hartig” at <https://spur.uni-regensburg.de>, and then select the respective internships. Please do not apply / contact us before reading these descriptions.