



Kolloquium Epidemiologie und Biostatistik

Mittwoch 8. Mai 2024 | 16:00 bis 17:00 h | N55 SR 210/211

Dr. Max Westphal - Fraunhofer Institut für Digitale Medizin, Bremen

**Improving model and algorithm evaluation in predictive modelling
(one step at a time)**

In applied predictive modelling, practitioners usually face many methodological questions which are related to different objectives of the overall development and evaluation pipeline, e.g.:

“How should I split my data for training, comparison and testing purposes?”

“Which metric is suitable for assessing the utility of the developed models?”

“How can I quantify uncertainty of my evaluation results?”

In the talk, different examples of such problems related to model evaluation will be discussed and current developments on the expert system *mlguide* will be presented. In addition, an outlook on planned features and user research will be given.

Information: <http://www.uke.de/imbe/>