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Typ: **Poster**

Introduction of the research group "Chemometrics of complex material systems"

In Stephan Seifert's research group "Chemometrics of Complex Material Systems" at the Hamburg School of Food Science, analytical data corresponding to fingerprints of biological samples are analysed. These fingerprints come, for example, from food or written artefacts, which are classified using machine learning methods based on various properties, such as their geographical origin. The methodological focus of the group is on the development of random forest approaches, e.g. for variable selection and the analysis of the underlying mechanisms, as well as on the fusion of different analytical data.

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Keywords

chemometrics
bioinformatics
machine learning
random forest

TentID

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