

Certificate of Participation

This is to certify that **Julian Kohne**
participated in the Workshop „**Practical Introduction to Text Mining**“
held from 18-19th April 2018 at GESIS Cologne, Germany

taught by **Dr. Andreas Niekler (University of Leipzig)**
and **Dr. Arnim Bleier (GESIS)**

The training course covers the following topics:

- Text data management: computer-assisted text coding; metadata evaluation
- (Linguistic) preprocessing: vocabulary pruning, unification (stemming, lemmatization), tokenization, sentence segmentation
- Lexicometrics: frequency analysis, key term extraction, co-occurrence analysis
- Machine learning: clustering (Topic models)
- Methodological integration
- The course contents on text mining have been taught conceptually and theoretically during four lecture sessions. Additionally, the participants acquired knowledge in practical applications of text mining methods during six tutorial sessions.