



Leibniz-Institut für Sozialwissenschaften

> Knowledge Transfer Department GESIS Training Unter Sachsenhausen 6-8 D-50667 Köln https://training.gesis.org/ Contact: workshop-koeln@gesis.org

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.

GESIS

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Cologne, 19th April 2018

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