Online-Workshop "Tools – Indicators – Metrics: Data Quality in Computational Social Science"

A two-day online workshop with sessions focused on tools, indicators, and metrics for assessing the quality of digital behavioral data.

Organized by: Yannik Peters & Katrin Weller

GESIS – Leibniz Institute for the Social Sciences, KODAQS
Date: December 11-12, 2024 (approx. 2 - 6 p.m. CET, exact times to be confirmed)

Website: https://www.gesis.org/en/research/conferences/details/article/online-workshop-tools-indicators-metrics-data-quality-in-computational-social-science

Location: Online (link will be announced later)

Keynote speaker

Christo Wilson

Khoury College of Computer Sciences

Northeastern University

Call for Submissions

The GESIS – Leibniz Institute for the Social Sciences is pleased to invite submissions for our upcoming workshop on "Tools – Indicators – Metrics: Data Quality in Computational Social Science". The workshop is organized within the KODAQS project, a data quality competence center for the social sciences, which is funded by the Federal Ministry of Education and Research of Germany. As the volume and importance of digital data continue to grow, ensuring its quality has become a critical challenge for researchers and practitioners alike. This workshop aims to bring together experts from various fields to discuss, share, and develop innovative tools, indicators, and methodologies for assessing the quality of digital data.

As part of the KODAQS competence center on data quality, we are building a platform to share tools for data quality assessment. This workshop will help to discuss already existing tools and the need for new tools and workflows that contribute to measuring and enhancing data quality. We invite contributions that focus on, but are not limited to, the following topics:

- Case studies demonstrating the application of quality assessment tools
- Methodological approaches and indicators to define and measure digital data quality
- Challenges in assessing the quality of large-scale digital datasets
- Comparative studies of existing digital data quality assessment tools
- Digital data quality tools implementing different types of digital data (e.g. text data, visual data, sensor data etc.)
- The role of digital data quality in reproducibility and transparency of research
- Integration of digital data quality assessment in research workflows

We anticipate a highly interactive and engaging event, that will be of mutual benefit to all participants.

Workshop format:

The workshop will consist of input presentations, discussions, collaborative breakout sessions, and presentations of existing tools or workflows that help to assess data quality in the field of CSS. We also encourage interactive demonstrations of tools, software, or platforms developed by participants.

Submission process:

We welcome submissions of abstracts (300 words) that provide an overview of the tool, indicator or methodology, its application, and the insights gained. We also invite work in progress.

- Submission Deadline: October 31, 2024
- Notification of Acceptance: November 11, 2024

Please submit your abstracts to yannik.peters@gesis.org by the deadline mentioned above. All submissions will be peer-reviewed by the workshop's scientific committee. Online participation will be available for everyone interested. There is **no participation fee**.

Workshop organization:

Yannik Peters, Katrin Weller

For any questions regarding the workshop or the submission process, please contact Yannik Peters (yannik.peters@gesis.org) or Katrin Weller (katrin.weller@gesis.org).