Research Data Management and RDM-Training @ GESIS

Meet the Experts – GESIS online talks
Data Services, Data Archiving, and Research Data Management
Anja Perry & Sebastian Netscher, 23.11.2023
Introduction of Speakers

Dr. Anja Perry

- since 2012 staff member of GESIS – Leibniz-Institute for the Social Sciences
- since 2016 active in (research) data management, e.g., consulting research projects and providing trainings
- research interests in data management, e.g., motivation to share data, RDM efforts, and data protection
- contact: anja.perry@gesis.org

Dr. Sebastian Netscher

- since 2006 staff member of GESIS – Leibniz-Institute for the Social Sciences
- since 2009 active in (research) data management, e.g., providing consultation and designing trainings and training materials
- research interests in data management, e.g., its standardization and harmonization as well as in its efforts and expenses
- contact: sebastian.netscher@gesis.org
Research Data Management in the Social Sciences
Research Data Management and the Data Life Cycle

1. Research
2. Study planning
3. Data collection & cleaning
4. Data analysis
5. Data archiving & sharing
1 Research

First ethical review of
- risks for research population and further (groups of) persons involved
- research design and how it minimizes identified risks

Documentation of
- search for re-usable data and materials
- the added value of new data

Identify suitable repositories for new data
2 Study planning

Consider ethical aspects and obtain, e.g., ethics vote

Documentation of
- defining the research population and drawing a sample
- developing the measurement instrument and pre-tests

Data protection
- measures to protect personal data in the field period and to ensure secure data processing
- consent form and consent management

Copyrights and rights of usage (in the project and beyond)

Guidelines for storing, naming, versioning and backing up of data and related materials
3 Data collection

Obtain informed consent and implementing consent management

Receive data collected, store and preserve raw data

Documentation of data, data collection, and the field period
  - methodological report
  - codebook and measurement instrument
4 Data analysis

Ensure that data analysis is in line with
- consent management
- copyrights and rights of usage defined in the project

Documentation of
- derived variables, e.g., indices and scales, weights etc.
- (steps in) data analysis (codes) for replication
- additional findings, not published (so far)
5 Data sharing

Identify and choose a suitable repository for FAIR data sharing

Consider legal issues, i.e., consent for data sharing and permission of copyright holder(s)

Prepare data for sharing
  o which materials, in which formats
  o documentation to enable re-use

Submit data to the repository
  o be prepared for feedback and potential revision
  o receive and make use of data citation (including a persistent identifier)
Coming back to the Data Life Cycle

data management

- is an early task, realized continuously over the whole data life cycle
- ensures usability and re-usability of the data
- improves FAIR data sharing
Some Finale Remarks
RDM-Training @ GESIS

• Our goals
  • transfer knowledge and build expertise on RDM for researcher, staff members of research and infrastructural institutions etc.
  • professionalize RDM, to improve data quality and data re-use
  • foster the idea of Open Science and Open Data, according to the FAIR Data Principles

• Our services
  • short-hand information on various topics of RDM (website)
  • consulting, on different aspects of RDM
  • (customized) trainings on RDM and its various aspects
Experts Contact & GESIS Consulting

**Contact:** you can reach the speaker/s via e-mail: rdm@gesis.org

**GESIS Consulting:** GESIS offers individual consulting in a number of areas – including survey design & methodology, data archiving, digital behavioral data & computational social science – and across the research data cycle.

Please visit our website [www.gesis.org](http://www.gesis.org) for more detailed information on available services and terms.
# Data Services, Data Archiving, and Research Data Management

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Thank you for participating!
Further Information on GESIS, Data Services, and RDM-Training


Further Information on RDM


Images