The Research Data Center PsychData: A Service for the Psychology Community

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PsychData - who we are

Service of the Leibniz-Institute for Psychology Information (ZPID)

Data Management  Data Deposit  Data Access

Quantitative digital data of all areas of psychology

Currently 160 data sets from 52 studies are available
Research data center PsychData

• Started in 2003 with research funding by the German Research Foundation (DFG)

• At the beginning: acquisition of datasets following selection criteria:
  „data sets with unique value for the Psychology community“

Experiences:

• Unwillingness of researchers to deposit data:
  2003-2010 personal requests sent to 97 researchers
  ➢ 9 data deposits (9,3%) (Dehnhard et al., 2013)
Towards a data sharing culture...

**Wicherts:** Only 27% of contacted authors made data available upon request.

**DFG:** Recommendations for secure storage & availability of digital primary research data.

**“Stapel Affair“**

**PLOS’ New Data Policy**

**DFG:** Guidelines on the Handling of Research Data (Draft)

**DGPs:** Guidelines on the Handling of Research data

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**National Institutes of Health:** All funded research (>$500K) must have a plan to address the sharing and archiving of data.

**Alliance of German Science Organisations:** Principles for the Handling of Research Data

**HORIZON 2020**

**Open Science Framework & Reproducability project**

**Results of the Reproducibility project**

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- 2003
- 2006
- 2009
- 2010
- 2011
- 2013
- 2014
- 2015
- 2016

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50th Conference of the German Society for Psychology, Leipzig, 18.-22 Sep 2016
• Good data documentation keeps research data understandable on the long-term
• Data documentation should be discipline-specific
• Retrospective data documentation is hard work and time-consuming
• Data management should start early in the research process.
• Researchers need support in data management
PsychData: Data management

**PsychData-Handbook:**
Discipline-specific guidance on Data Management for psychologists

**Documentation tool MyPsychData:**
Web-based documentation tool to write study descriptions & codebooks and to upload data

**Personal support**

*DataWiz* – an automated assistant for data management in Psychology
DataWiz

• Expert system which provides a **knowledge base** and **procedural support** for data sharing in Psychology

• Functions for **data preparation, documentation & archiving**

• **Rights management** at the discretion of the data owner

• Allows and encourages the **transfer of research data** to an established data archive

• Can be implemented in place or used as service tool hosted by ZPID

• Funded by German Research Foundation (2015-2017)
To deposit data

- Minimum criterium: peer-reviewed publication
- Concluding a data deposit agreement
- Submit data, study & variable description
- Revision and completion of submitted material by PsychData team
- DOI assignment
- Long-term preservation & dissemination

Data sets are available

- For scientific purposes only
- Concluding a data use agreement
- Free of charge
Thanks for your attention!

http://www.psychdata.de/

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RatSWD
Rat für Sozial- und WirtschaftsDaten

Member of the German Data Forum

DataCite
Using DOIs to cite and link to research data

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