UNIA Universität Augsburg University

Open Science Coffee Lectures

Searched and found! Research tools for research data

Evamaria Krause

WS 2022/23

How do I find research data?

Considerations

What do you want to use the data for?

- Comparison with own data

- Validation of a method

- Verification of the results of a study

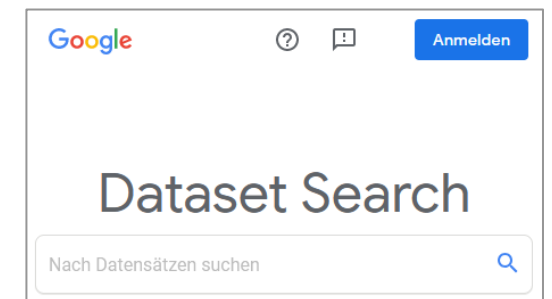- Basis for a new research project

- Teaching example

- …

What are the requirements for the data?

- Data format(s)

- Spatial and temporal coverage

- Accessibility of the data

- Licenses and terms of use

- …

How do I find research data?

Which sources are available?

- Research data repositories
  - Multidisciplinary repositories
  - Subject-specific repositories, directory: re3data.org
  - Institutional repositories

- Searching multiple sources via search engines, e.g.:
  - DataCite Search
  - B2FIND
  - data.europa.eu
  - BASE
  - Google Dataset Search
  - Mendeley Data

- Research data centres: https://www.konsortswd.de/en/datacentres/all-datacentres/

- Data journals

Research data repositories

Access and terms of use

- Access to research data can be open or restricted, e.g.
  - Embargo period
  - Only metadata are published
  - Data are only accessible after registration/contact

- Terms of use: Licence, terms of use of the repository and/or individual arrangement

- In this case, the dataset is additionally described in a data journal.

Data set on **Zenodo**

https://doi.org/10.5281/zenodo.7277104

Data journals

- Data journals publish articles that describe data sets.

- The data itself is usually published via an external repository.

Example: **Scientific Data**

https://doi.org/10.1038/s41597-022-01824-2

Download PDF ⌄

LivWell: a sub-national Dataset on the Living Conditions of Women and their Well-being for 52 Countries

Sections   Figures   Refe

Camille Belmin ✉, Roman Hoffmann, Mahmoud Elkasabi & Peter-Paul Pichler

Abstract

Background & Summary

Methods

Data Records

Technical Validation

Abstract

Usage Notes

Code availability

Data on women's living conditions and socio-economic development are important for understanding and addressing the pronounced challenges and inequalities faced by women worldwide. While such information is increasingly available at the national level, comparable data at the sub-national level are missing. We here present the LivWell global longitudinal dataset, which includes a set of key indicators on women's socio-economic status, health and well-being, access to basic services and demographic outcomes. It covers 447 regions in 52 countries and includes a total of 265 different indicators. The majority of these are based on 199 Demographic and Health Surveys (DHS) for the period 1990–2019 and are

References

Acknowledgements

Funding

Author information

Ethics declarations

Additional information

Supplementary information

Research Data Management Myth? Busted!

You have to contact authors directly to have a look at a dataset!

Research data is no longer only made available on request. It is gradually becoming the standard to use research data repositories and to make data available promptly after the corresponding article or book publication. Give it a try and search for data on your research topic!

Universität Augsburg
Universitätsbibliothek

University Library Services

- Local research data management (RDM) team at the University Library

- We offer advice and support on:
  - External subject-specific RDM services
  - Data management plans for funding applications
  - Publishing and re-using research data

- We also offer in-depth workshops on RDM for junior researchers

https://www.uni-augsburg.de/bibliothek/fdm/

forschungsdaten@bibliothek.uni-augsburg.de

Research data management
Dr. Evamaria Krause
(0821) 598 - 3473
forschungsdaten@bibliothek.uni-augsburg.de

Coffee Lectures in the Wintersemester 2022/23

Monday, 24 October 2022	Gold, green, diamond – the colours of Open Access
Tuesday, 25 October 2022	Who pays for what? Open Access and finances
Wednesday, 26 October 2022	All online, freely available! Our self-archiving service
Thursday, 27 October 2022	Visible on your website! Our publication lists service
Friday, 28 October 2022	Who's allowed to do what? Copyright and licences
Wednesday, 9 November 2022	Research data management – what is it?
Wednesday, 23 November 2022	Education – online and open for all!
Wednesday, 7 December 2022	Spoiled for choice – journals and quality
Wednesday, 21 December 2022	Online, but where? Research tools for Open Access
Wednesday, 11 January 2023	Your thesis – 4 routes to publication
Wednesday, 25 January 2023	Searched and found! Research tools for research data
Wednesday, 8 February 2023	Listing, linking, networking – ORCIDs, GNDs and more

https://www.uni-augsburg.de/de/organisation/bibliothek/publizieren-zitieren-archivieren/fdm/

Universität Augsburg
Universitätsbibliothek

Image credits and additional sources

Images

- Colourbox (Terms of use): Folie 7

- Digitalbevaring.dk, Jørgen Stamp (CC BY 2.5 DK): Folie 6

Additional sources

- Gregory, K., Khalsa, S. J., Michener, W. K., Psomopoulos, F. E., de Waard, A., & Wu, M. (2018). Eleven quick tips for finding research data. PLOS Computational Biology (14(4), e1006038). https://doi.org/10.1371/journal.pcbi.1006038

- Which data journals exist? https://www.forschungsdaten.org/index.php/Data_Journals