



Data Sharing and Long-Term Preservation

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Data Sharing

The What, Why, and How



What is data sharing (for)?

- “Data sharing is the practice of making data used for scholarly research available to other investigators” (https://en.wikipedia.org/wiki/Data_sharing)
 - creates transparency
 - enables re-use of data in new research contexts
 - thereby contributes to the efficient use of public funds (i.e. tax money)



Sharing data the end of the project

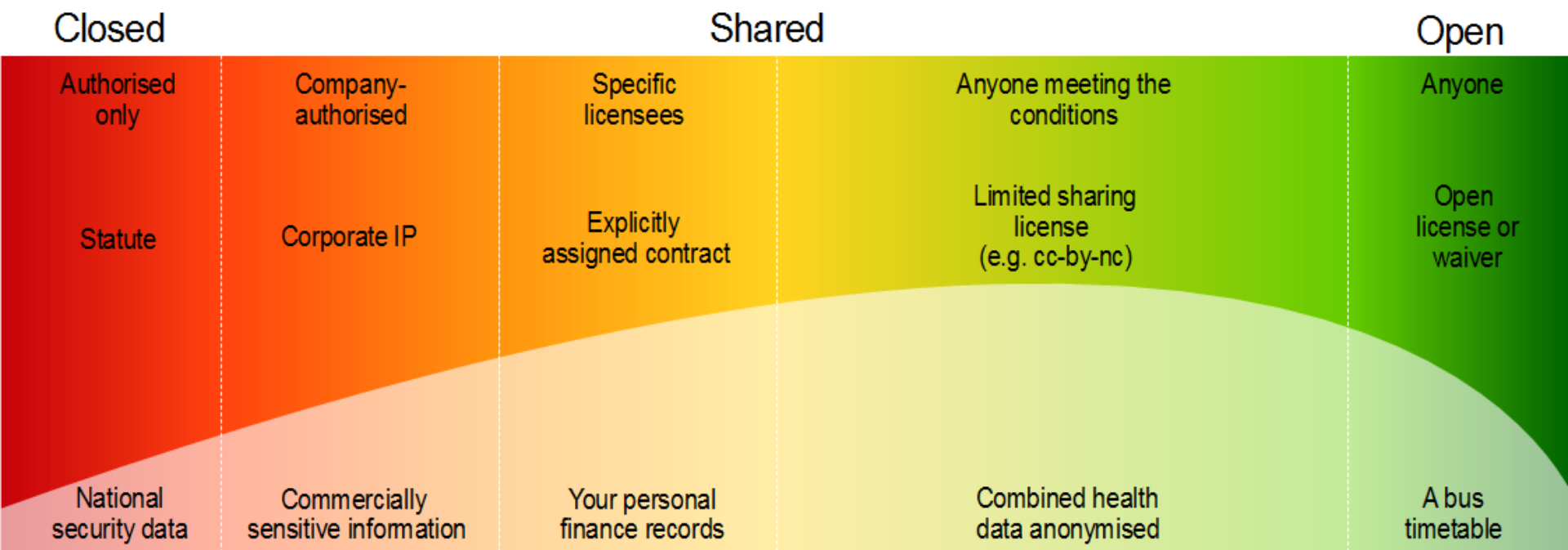


Image: "The Data Spectrum". Adapted from <http://theodi.org/data-spectrum> (Open Data Institute, cc-by)



Access and sharing during the research process

Private Research Domain



Who? Access for core research team

What? “Everything” is shared (working files, raw data...)

Icons: RRZE Erlangen (CC-by-sa) <https://github.com/RRZE-PP/rrze-icon-set>



Access and sharing during the research process

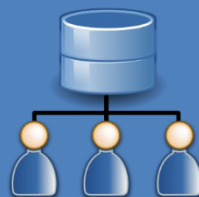
Private Research Domain



Who? Access for core research team

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Shared Research Domain



Who? Limited access for researchers outside core team (e.g. for peer review, replication)

What? “Stable” versions of data and documentation

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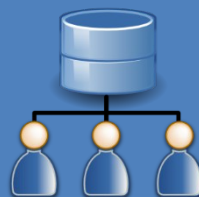
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What? “Stable” versions of data and documentation

Publication Domain



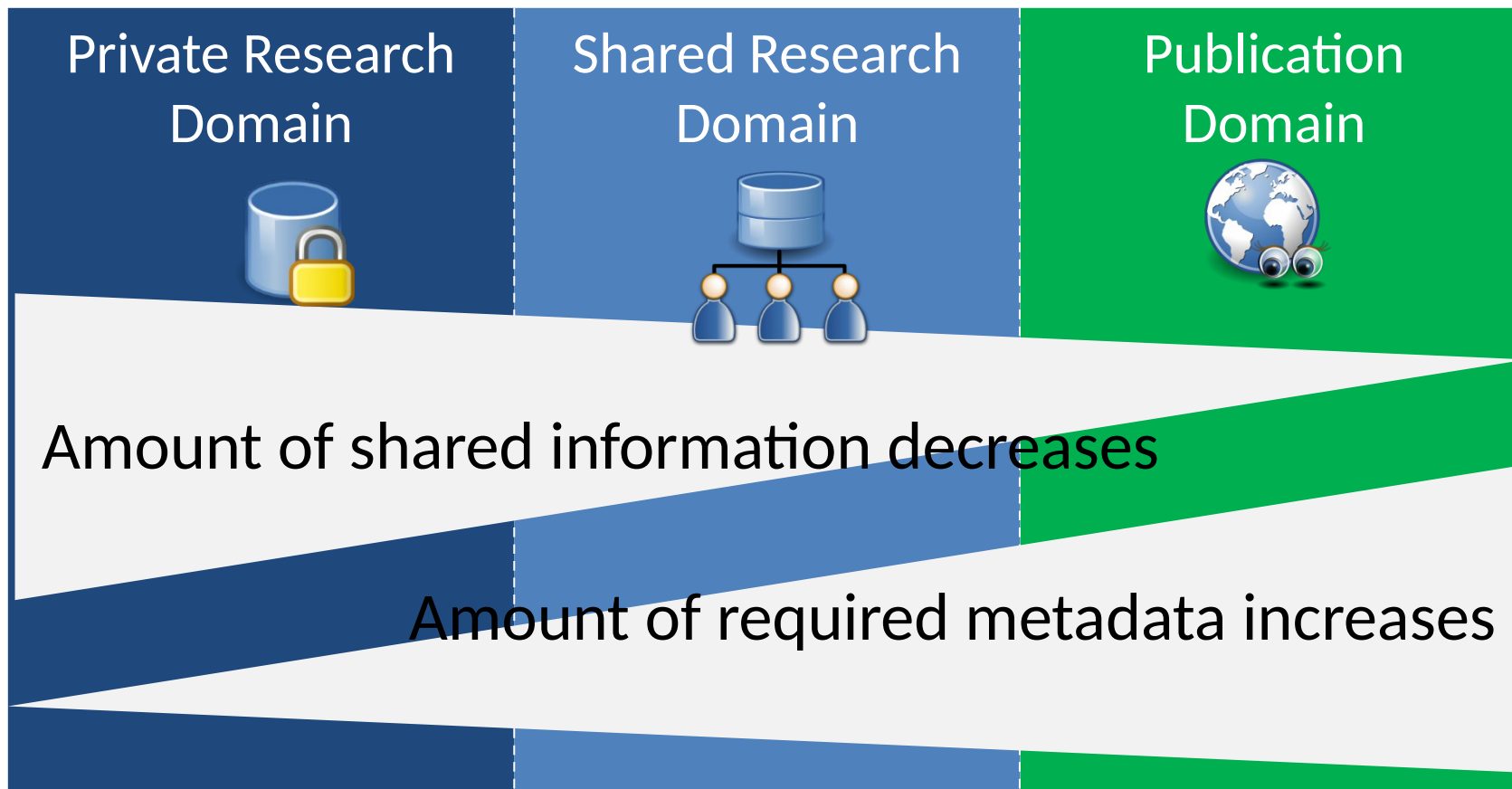
Who? (Long-term) access for research community or public

What? “Final” versions of data and documentation

Icons: RRZE Erlangen (CC-by-sa) <https://github.com/RRZE-PP/rnze-icon-set>



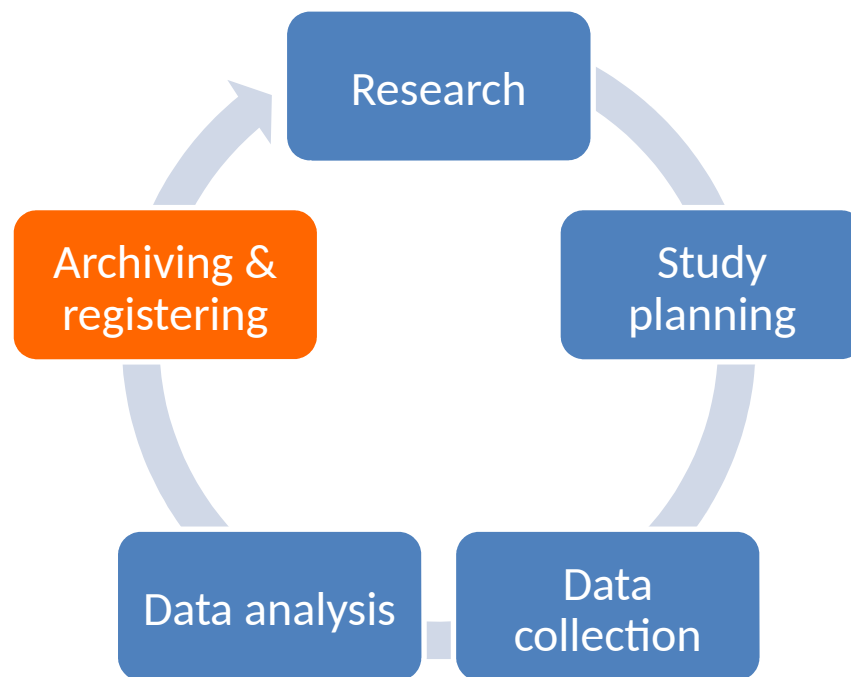
Access and sharing during the research process



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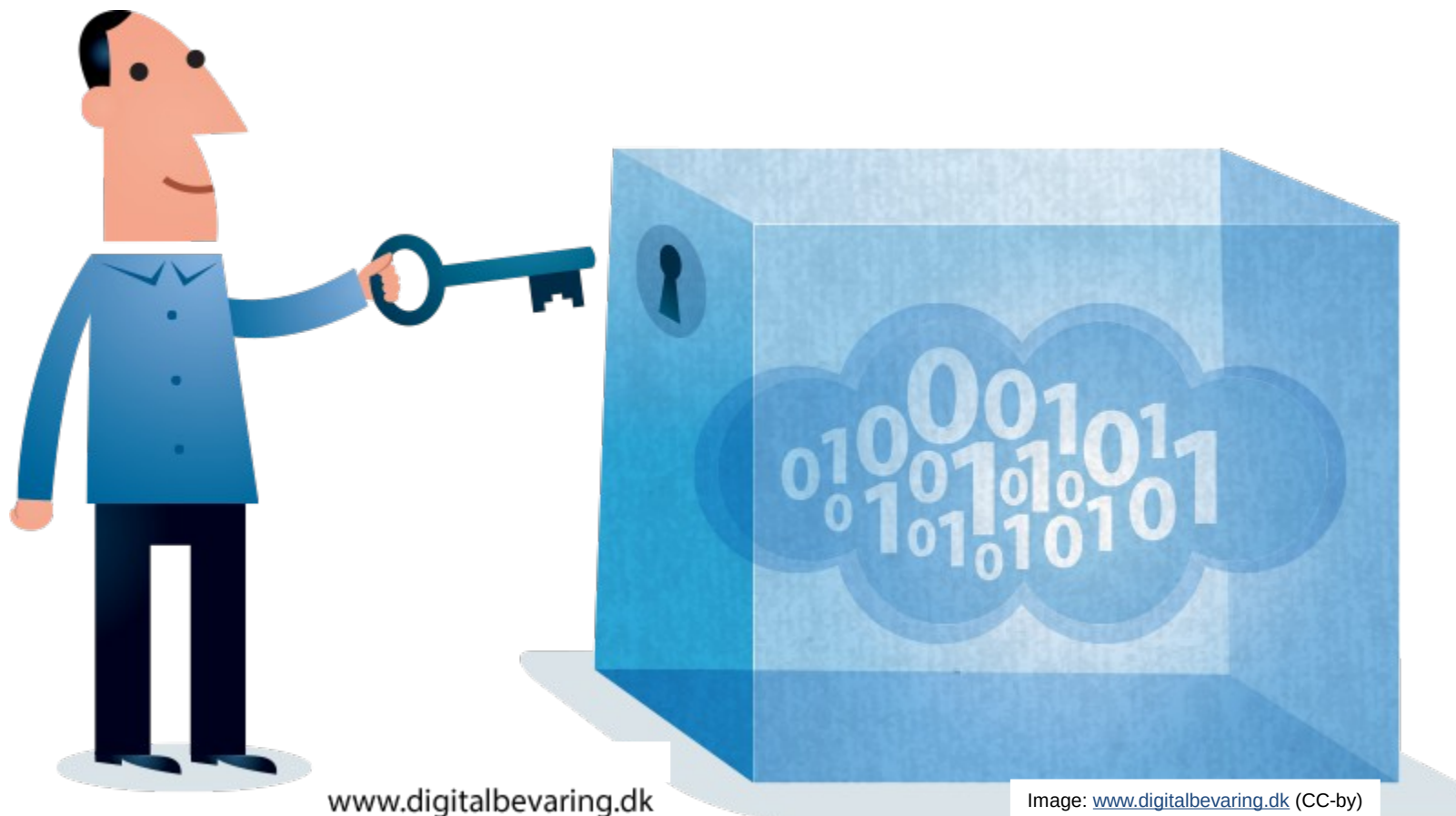


Archives in the Research Process





We keep data safe!





We keep data safe!

- Back-up and secure storage
- Long-term preservation
- Legal and ethical security
 - for data producers (IPR, licensing terms)
 - for participants in research (data protection)

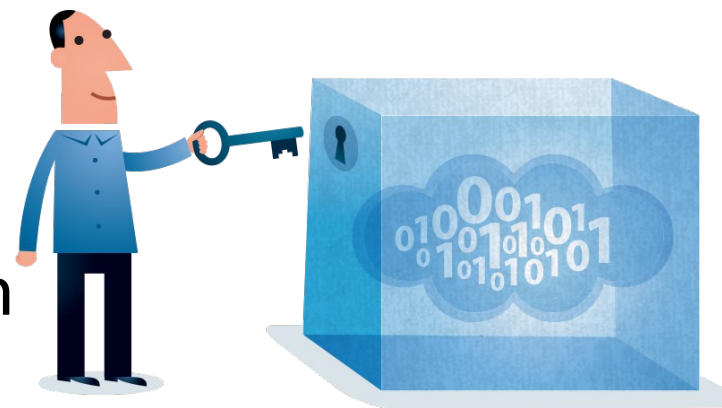
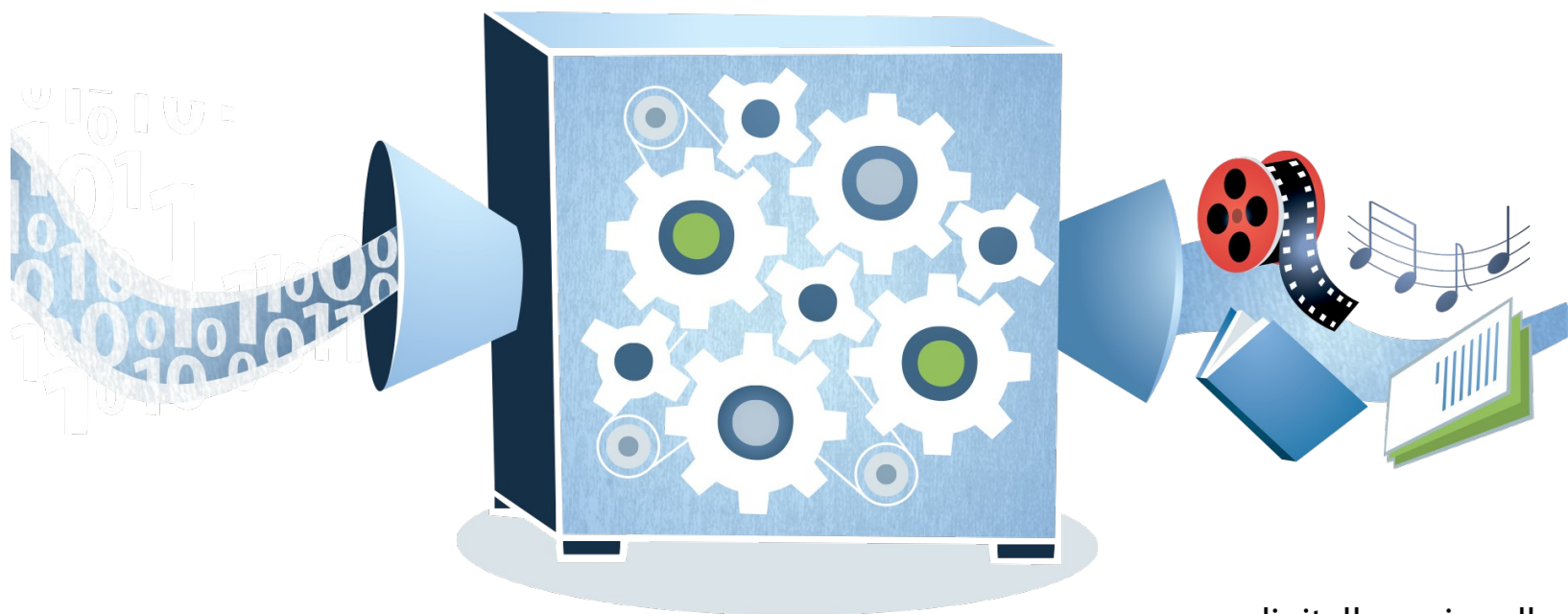


Image: www.digitalbevaring.dk (cc-by)



We make data accessible!



www.digitalbevaring.dk

Image: www.digitalbevaring.dk (CC-by)



We make data accessible!

- Accessible formats
- Increased visibility in the world wide web (e.g. through machine-readable metadata)
- Persistent identification
- High-quality documentation

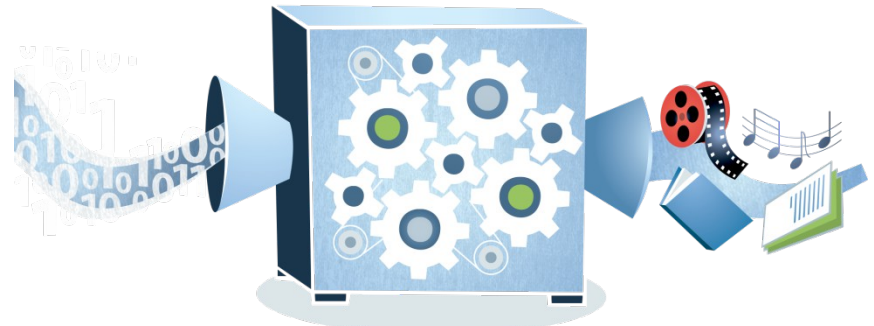


Image: www.digitalbevaring.dk (CC-by)



We offer support!





We offer support!

- We advise on
 - documentation
 - metadata
 - anonymization and data protection



Image: www.digitalbevaring.dk (CC-by)



1. Identify a suitable archive or repository

Possible selection criteria:

- data type and format
- discipline
- region or funder
- service and reputation

Search tool: re3data.org
REGISTRY OF RESEARCH DATA REPOSITORIES





2. Contact the archive as early as possible


Find out

- if the archive is interested in taking your data
- which criteria for submission apply





3. Discuss when, how, and in which format the data will be submitted

A photograph of four LEGO minifigures standing around a white circular table. The minifigures are dressed in various outfits: one in a blue and yellow sports uniform, one in a black and white racing suit with a black helmet, one in a green and yellow outfit with a red helmet, and one in a yellow outfit with an orange helmet. They appear to be in a meeting or discussion. The text 'Clarify access conditions, legal and ethical issues.' is overlaid on the table.

Clarify access
conditions, legal
and ethical issues.



4. Sign the Deposit Agreement

Contractual agreement clarifying rights and obligations of archive and data depositor as well as access conditions.





5. Submit the data in the agreed format at the agreed time

Possible submission channels include

- upload,
- e-mail,
- secure file sharing service (e.g. Cryptshare).



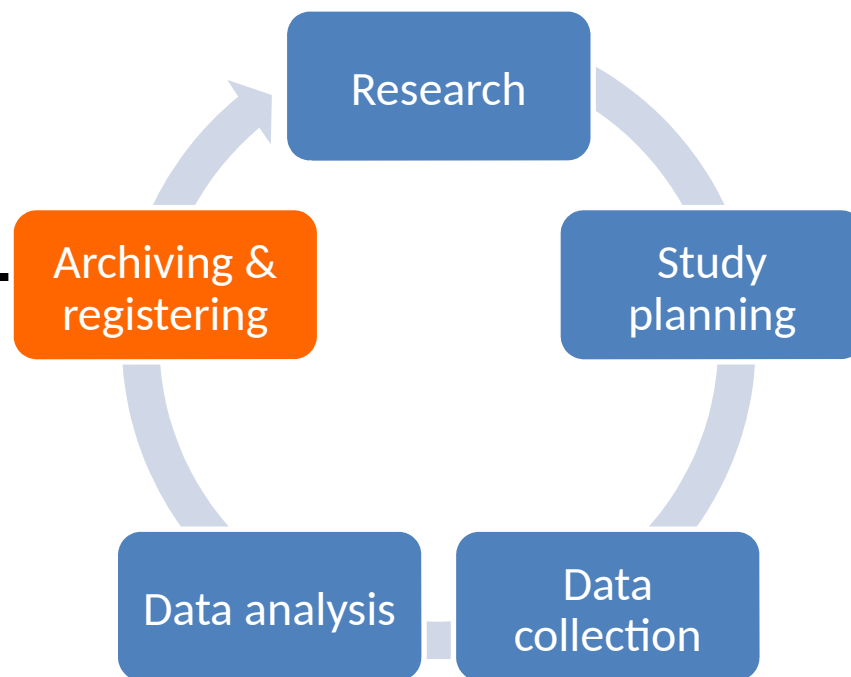


Conclusion: Sharing and Preservation

- Start thinking about this early
- Contact potential archives at the beginning of your research
- Pay specific attention to: informed consent and legal restrictions



Research Data and Self-Deposit Repositories





What is ReShare?

- Self-deposit repository for research data-open to all
- Features:
 - Part of UK Data Service, but anyone can use it!
 - Set permissions at the file-level
 - DOI minted
- UKDS staff review data collections before publishing:
 - Confidentiality and copyright
 - Documentation and file formats
- reshare.ukdataservice.ac.uk



ReShare Homepage

ReShare

"Archiving and
sharing research
data"



ReShare is the UK Data Service's online data repository, where researchers can archive, publish and share research data, as open or safeguarded data.

Collections of data and accompanying documentation can be submitted after registering with the UK Data Service. ReShare is where ESRC grant holders submit the data from their research grants, as a contractual requirement under the [ESRC research data policy](#). In the process related grant information can be retrieved from the [RCUK Gateway to Research](#). We [review](#) data before their release, to ensure they conform with ethical and legal requirements.

Search and find data via the UK Data Service's [Discover](#) portal.



QUICK ACCESS TO

Deposit data collection



ReShare in Discover



Discover

Discover

Discover

Variable and question
bank

QualiBank

Type +

Subject +

Date +

Data type -

☒ ReShare (15)

☐ UK Survey data
(177)

☐ Qualitative and
mixed methods
data (34)

☐ Cohort and
longitudinal studies

Search and browse our data collections, support guides, case studies, and related publications.

Violence

GO

Reset filters

Clear search

☒ Auto-complete

☒ Map search to HASSET thesaurus?

Help



Case study



Data collection



Series record



ESRC output



Support guide

Results per page: 10

Sorted by: Relevance

Displaying 1-10 of 15 results

1 2 > >>



SN 851150 Investigating Adolescent Violence towards Parents

Rachel Condry, University of Oxford



Full record...

Download | DDI XML | Similar data collections



SN 850417 Contested development?: intimate partner violence and women's employment in urban and rural Tanzania