Solutions for responsible **sharing** and **reuse** of **qualitative data**



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Visit QualiFAIRs website!

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agata.bochynska@ub.uio.no

A little bit about Agata:

- ✓ Researcher with the background in **psychology** and **linguistics**
- ✓ Working at **University of Oslo Library** from 2021 in research support
- ✓ Focus on open science, data management, reproducibility, research improvement
- ✓ Coordinator of **QualiFAIR project** in 2022 – 2025
- ✓ Researcher on **ReDemOS project** from 2025: Focus on unintended consequences of Open Science for qualitative research



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UNIVERSITY
OF OSLO

DSC

Digital Scholarship Centre

at the University of Oslo Library

Courses, guidance, networks, and resources

- Research Data Management
- Digital tools and methods
- Science visualization
- Open research



Research data

Research data management includes documentation, organising, licensing, sharing, archiving and reuse.

Data throughout the research project

1. Planning
2. Implementation
3. Closing
4. Archiving
5. Reuse

Topics

- Citations of research data
- Data management plan
- Documentation of research data
- Metadata
- Open sharing
- Organisation of research data
- Research data (definition)
- Storing research data

Principles

- FAIR principles
- CARE principles

https://www.uio.no/english/for-employees/support/research/research-data-management/

Institutional data archive

DataverseNO

Certified by: CORE TRUST SEAL

https://dataverse.no/

Data Management Week 2026
Autumn Edition

November
16th – 20th
Digital Scholarship Center

Monday	*Morning*: Plan Your Research Data Management (Module 1)
Tuesday	*Morning*: Share, Archive, and Reuse Research Data (Module 2)
Wednesday	*Morning*: Introduction to NVivo *Afternoon*: Create a Data Management Plan with FAIR Wizard Norway
Thursday	*Morning*: NVivo in TSD *Afternoon*: ReproducibiliTea@UiO - Hands-on ReproHack: Learn how to reproduce research!
Friday	*All day:* Carpentry@UiO Workshop: Databases and SQL

https://www.ub.uio.no/english/courses-events/courses/data-management-week/2026/data-management-week-2026Autumn.html

https://www.ub.uio.no/english/libraries/dsc/open-repro-research/index.html

Open and reproducible research

Learn about how to make your research more open and reproducible and get involved in initiatives and communities that are interested in sharing and improving research at UiO.

More and more researchers and students across disciplines are implementing open research practices, preregistering their hypotheses, methods, and analysis plans and sharing research materials, data and analysis scripts. Digital Scholarship Center can help you learn about and implement these practices in your own research as well as advise on the policies and requirements from funders.

Open Science Lunch →

Every last Thursday of the month we meet at noon to discuss topics related to open research.

ReproducibiliTea@UiO →

Join us for a Journal Club where we read and discuss papers on open research and meta-science.

Norwegian Reproducibility Network →

Join a broader community that aims to promote and enable rigorous, robust and transparent research practices in Norway

Courses and workshops →

Click here for the list of upcoming and previous courses and workshops on open and reproducible research at UiO.

Time and place: Sep. 14, 2026 12:15 PM–1:00 PM, Zoom

Learn the basics of open research

Learn about what open research is and how to make your own research more transparent and reproducible.

Time and place: Sep. 16, 2026 1:15 PM–2:00 PM, Zoom

Learn about preprints, self-archiving, and Open Access

Learn about preprints, self-archiving, and Open Access, and choosing the best way to publish your results openly.

Time and place: Sep. 16, 2026 2:15 PM–3:00 PM, Zoom

Assign persistent identifiers to research outputs

Learn about different persistent identifiers, and how to assign them to your research outputs

Time and place: Sep. 23, 2026 1:15 PM–2:00 PM, University of Oslo, Blindern, Georg Sverdrups Hus, DSC

Learn the basics of preregistration

Learn about what preregistration is and how it can benefit your own research.

Time and place: Sep. 23, 2026 2:15 PM–3:00 PM, University of Oslo, Blindern, Georg Sverdrups Hus, DSC

Create preregistration for your project

Join us for a workshop where you will learn how to create a preregistration for your research project!

Open and reproducible research courses

September 2026

https://www.ub.uio.no/english/courses-events/courses/research-reproducibility/



Open Science Lunch

Each last Thursday of the month at 12:00 we invite you to join us for a lunch seminar to hear about how to make your research more open. We will discuss research transparency and visibility, open publishing, data sharing, and more!

https://www.ub.uio.no/english/courses-events/events/open-science-lunch/

UNIVERSITETET
I OSLO

ReproducibiliTea

Journal Club

JOIN IN AND DISCUSS WITH FELLOW STUDENTS AND RESEARCHERS

OPEN RESEARCH, REPRODUCIBILITY and RESEARCH IMPROVEMENT



Join us

Everyone is welcome to join us - whether you are an enthusiast of open and reproducible research, a skeptic, or a cautious explorer. Currently, all meetings are hybrid with the possibility of joining on-site at Blindern or via Zoom. Grab a cup of tea (coffee?) and join us!

Subscribe to our mailing list →

https://www.ub.uio.no/english/libraries/dsc/open-repro-research/reproducibilitea/

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I was born in [redacted]. My parents were both born and raised in [redacted]. My father, [redacted], was [redacted] and my mother, [redacted], was [redacted]. They both lived in [redacted], on either side of [redacted], and there was no chance that they would meet each other.

QualiFAIR: making qualitative and context-sensitive data more FAIR



Collaboration

Academic staff

Administrative staff

Technical and IT-staff



Interdisciplinarity

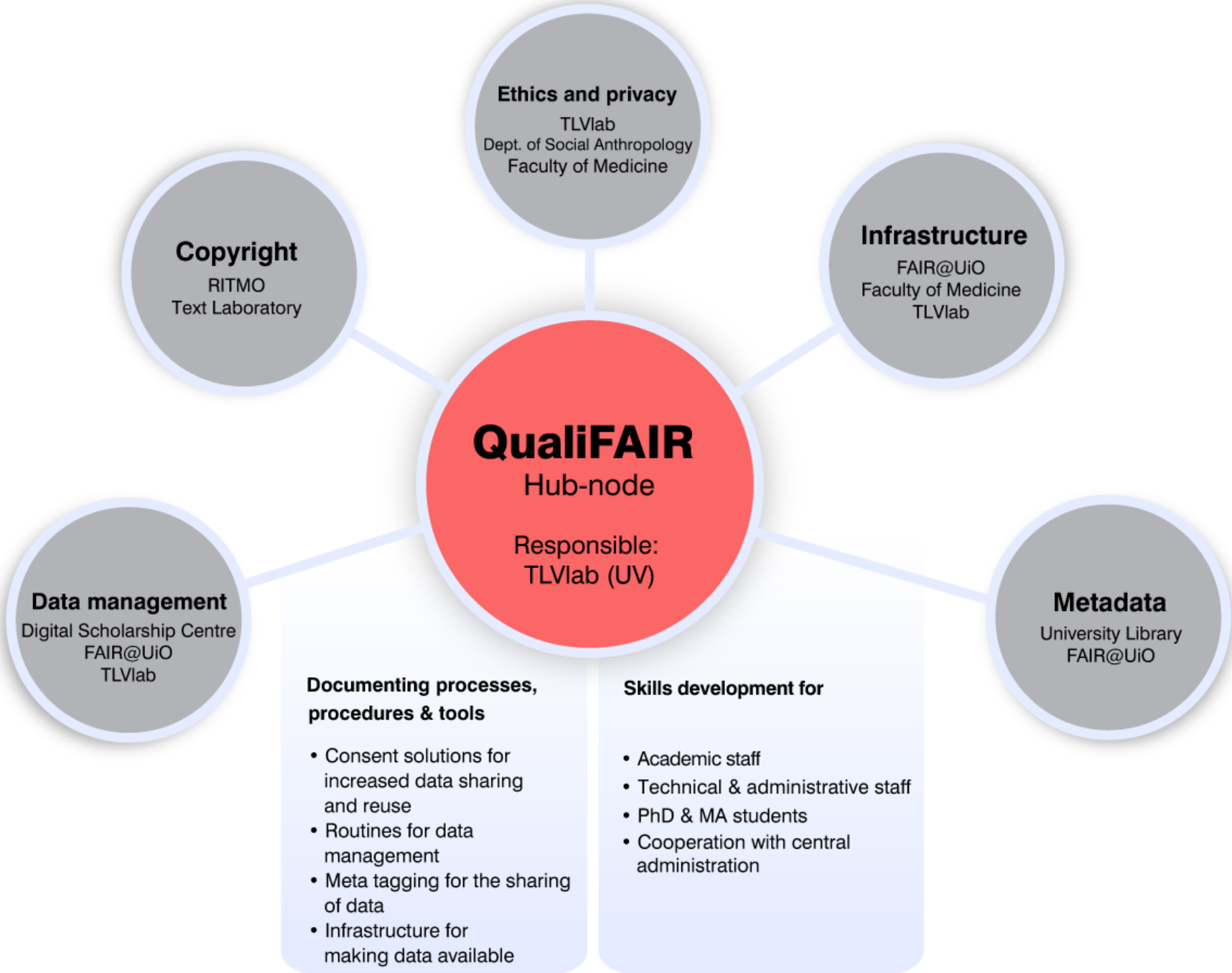
Medicine and Dentistry

Social Sciences and Humanities

Education

Theology

Library and IT-services


Ethics and privacy
TLVlab
Dept. of Social Anthropology
Faculty of Medicine
Copyright
RITMO
Text Laboratory
Infrastructure
FAIR@UiO
Faculty of Medicine
TLVlab
QualiFAIR
Hub-node
Responsible:
TLVlab (UV)
Data management
Digital Scholarship Centre
FAIR@UiO
TLVlab
Metadata
University Library
FAIR@UiO
Documenting processes, procedures & tools
• Consent solutions for increased data sharing and reuse
• Routines for data management
• Meta tagging for the sharing of data
• Infrastructure for making data available
Skills development for
• Academic staff
• Technical & administrative staff
• PhD & MA students
• Cooperation with central administration

Solutions for responsible **sharing** and **reuse** of **qualitative data**

- ✓ Consider **ethical** and **legal** issues
- ✓ Understand the **rights** to data and material
- ✓ Improve data **anonymization**
- ✓ Document and share **context-specific** information
- ✓ Develop and use discipline-specific **metadata**
- ✓ Develop **infrastructures** for storage and preservation
- ✓ Assess **reuse value**
- ✓ Build **community** across disciplines and roles



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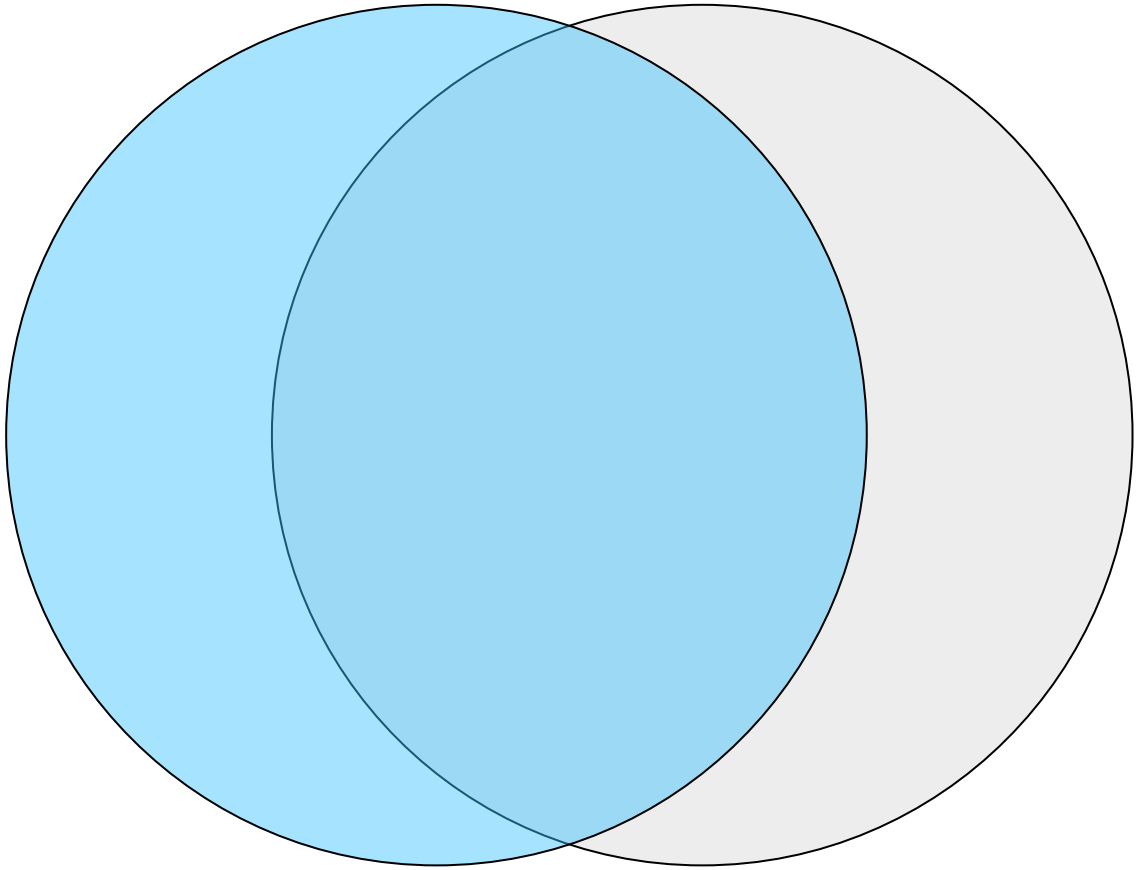
Law

Personal data protection
Copyright
Export control



Ethics

Discipline-specific ethical research conduct

Based on: Sharing and re-using personal data in research, Glerean, 2023

Information for participants in research projects

When you collect personal data for a research project, you generally have a duty to provide information to the people whose personal data you are collecting. Here you will find everything you need to know on providing information in research projects.

What gives us the right to process data about you?

Here, you must choose the relevant legal basis for your project.

EITHER: We process your information based on your consent.

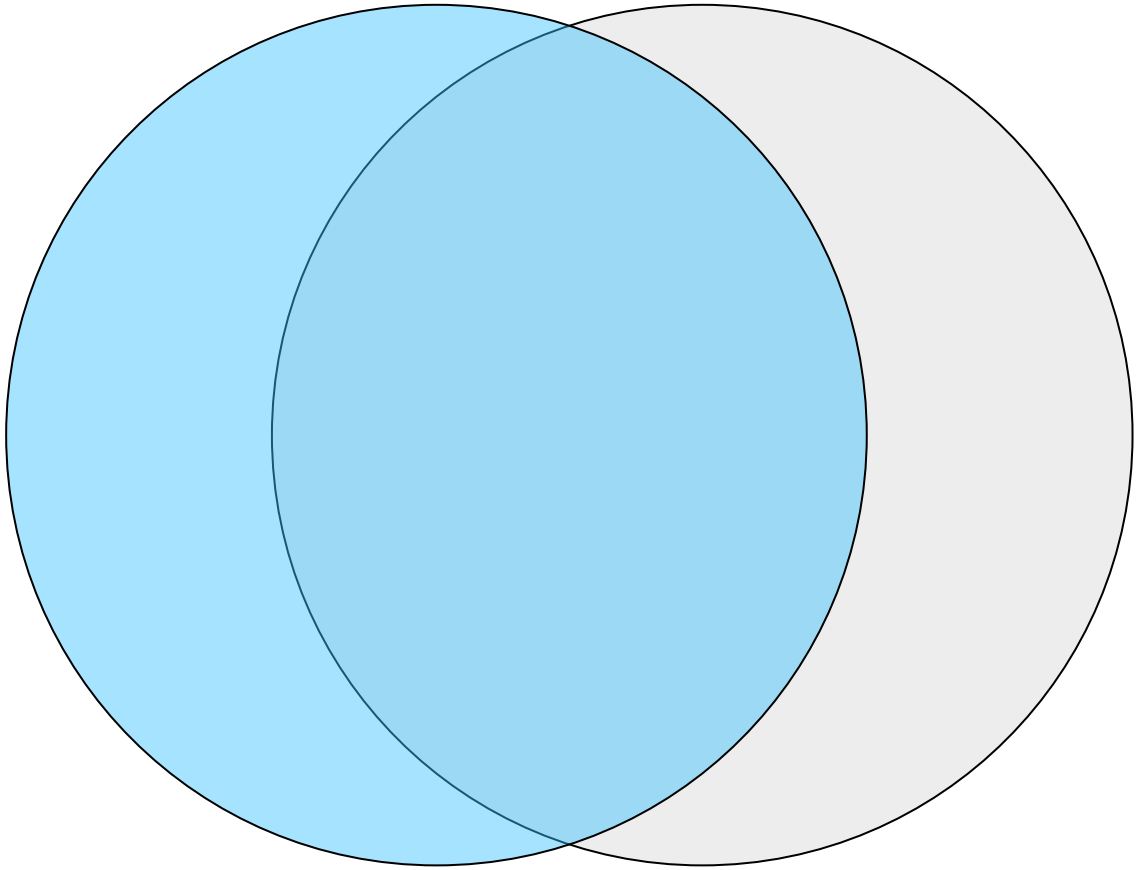
OR: We process your information for research purposes in the public interest.

Our recommendation is to use consent as the legal basis in student projects and public interest as the legal basis in research projects. You can read more about this on our website.

https://sikt.no/en/fylle-ut-meldeskjema-personopplysninger/information-participants-research-projects

Law

Personal data protection
Copyright
Export control



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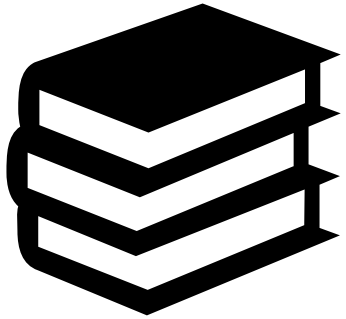
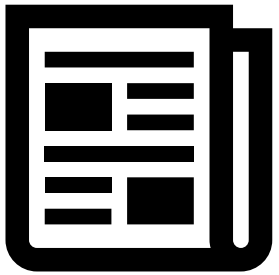
Music



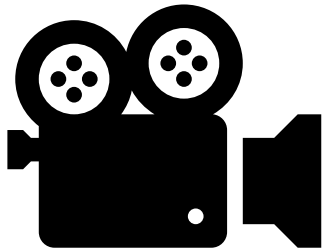
Literature



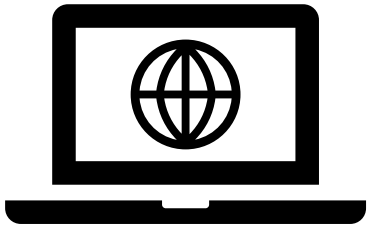
Audio recordings



Newspapers



Video recordings



Online media

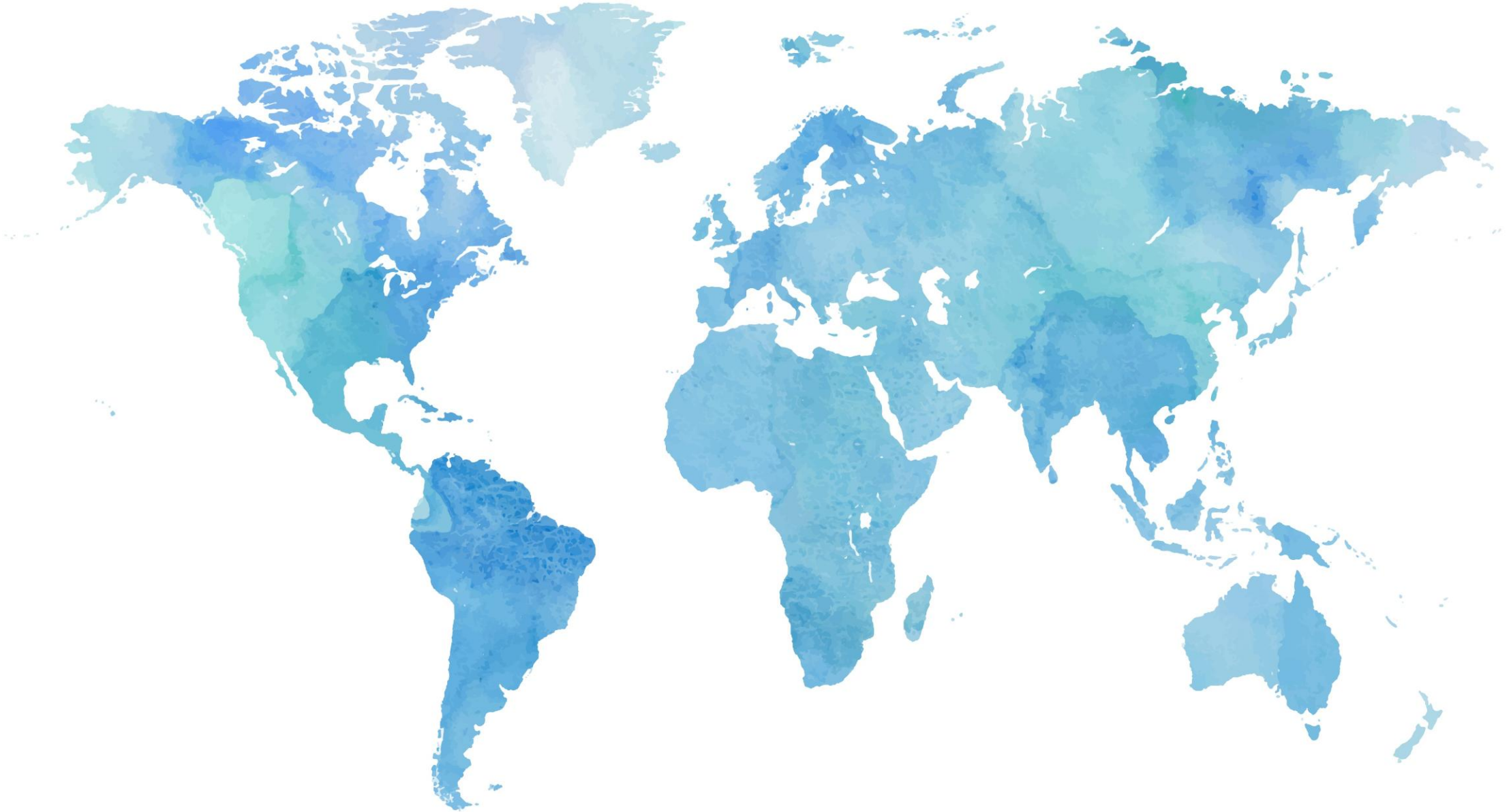


Photo: Microsoft Stock Images

Who has rights to data?

Do I have (full) rights to this material?

Can I assign a license to this material for reuse?

Photo: Microsoft Stock Images

Public Domain
Permissive
Weakly Protective
Strongly Protective
Network Protective

Source: https://github.com/HansHammel/license-compatibility-checker

comp. -> with	CC0-1.0	PDDL-1.0	SAX-PD	Unlicense	AFL-1.1	AFL-1.2	AFL-2.0	AFL-2.1	AFL-3.0	Apache-2.0	Artistic-2.0	BSD-2-Clause	BSD-3-Clause	BSD-3-Clause-Attribution	BSD-3-Clause-Clear	DSDP	ECL-2.0	ISC	MIT	WTFPL	X11	EPL-1.0	LGPL-2.0	LGPL-2.1	LGPL-2.1+	LGPL-3.0	LGPL-3.0+	MPL-1.1	MPL-2.0	GPL-2.0	GPL-2.0+	GPL-3.0	GPL-3.0+	MS-RL	ODbL-1.0	OSL-1.0	OSL-1.1	OSL-2.0	OSL-2.1	OSL-3.0	RPL-1.1	RPL-1.5	AGPL-1.0	AGPL-3.0
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LGPL-3.0	n	n	n	n	?	?	?	?	?	n	?	?	n	?	?	?	?	?	n	?	n	?	?	n	n	y	y	n	?	?	n	n	y	y	?	?	?	?	?	?	?	?	?	y
LGPL-3.0+	n	n	n	n	?	?	?	?	?	n	?	?	n	?	?	?	?	?	n	?	n	?	?	n	n	n	y	n	?	?	n	n	y	y	?	?	?	?	?	?	?	?	?	y
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GPL-2.0+	n	n	n	n	?	?	?	?	?	n	?	?	n	?	?	?	?	?	n	?	n	?	?	n	n	n	n	n	?	n	y	y	y	y	?	?	?	?	?	?	?	?	?	y
GPL-3.0	n	n	n	n	?	?	?	?	?	n	?	?	n	?	?	?	?	?	n	?	n	?	?	n	n	n	n	n	?	n	n	y	y	?	?	?	?	?	?	?	?	?	?	y
GPL-3.0+	n	n	n	n	?	?	?	?	?	n	?	?	n	?	?	?	?	?	n	?	n	?	?	n	n	n	n	n	?	n	n	n	y	?	?	?	?	?	?	?	?	?	?	y
MS-RL	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	y	?	?	?	?	?	?	?	?	?
ODbL-1.0	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	y	?	?	?	?	?	?	?	?
OSL-1.0	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	y	?	?	?	?	?	?	?
OSL-1.1	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	y	?	?	?	?	?	?
OSL-2.0	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	y	?	?	?	?	?
OSL-2.1	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	y	?	?	?	?
OSL-3.0	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	y	?	?	?
RPL-1.1	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	y	?	?
RPL-1.5	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	y	?
AGPL-1.0	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	?	y
AGPL-3.0	n	n	n	n	?	?	?	?	?	n	?	?	n	?	?	?	?	?	n	?	n	?	?	n	n	n	n	n	?	n	n	n	n	?	?	?	?	?	?	?	?	?	?	y

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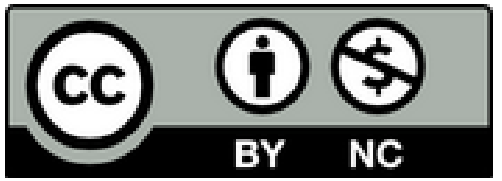

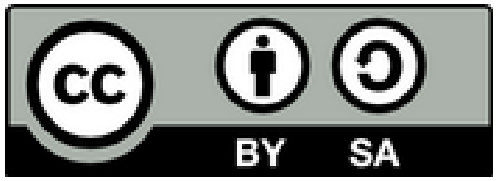



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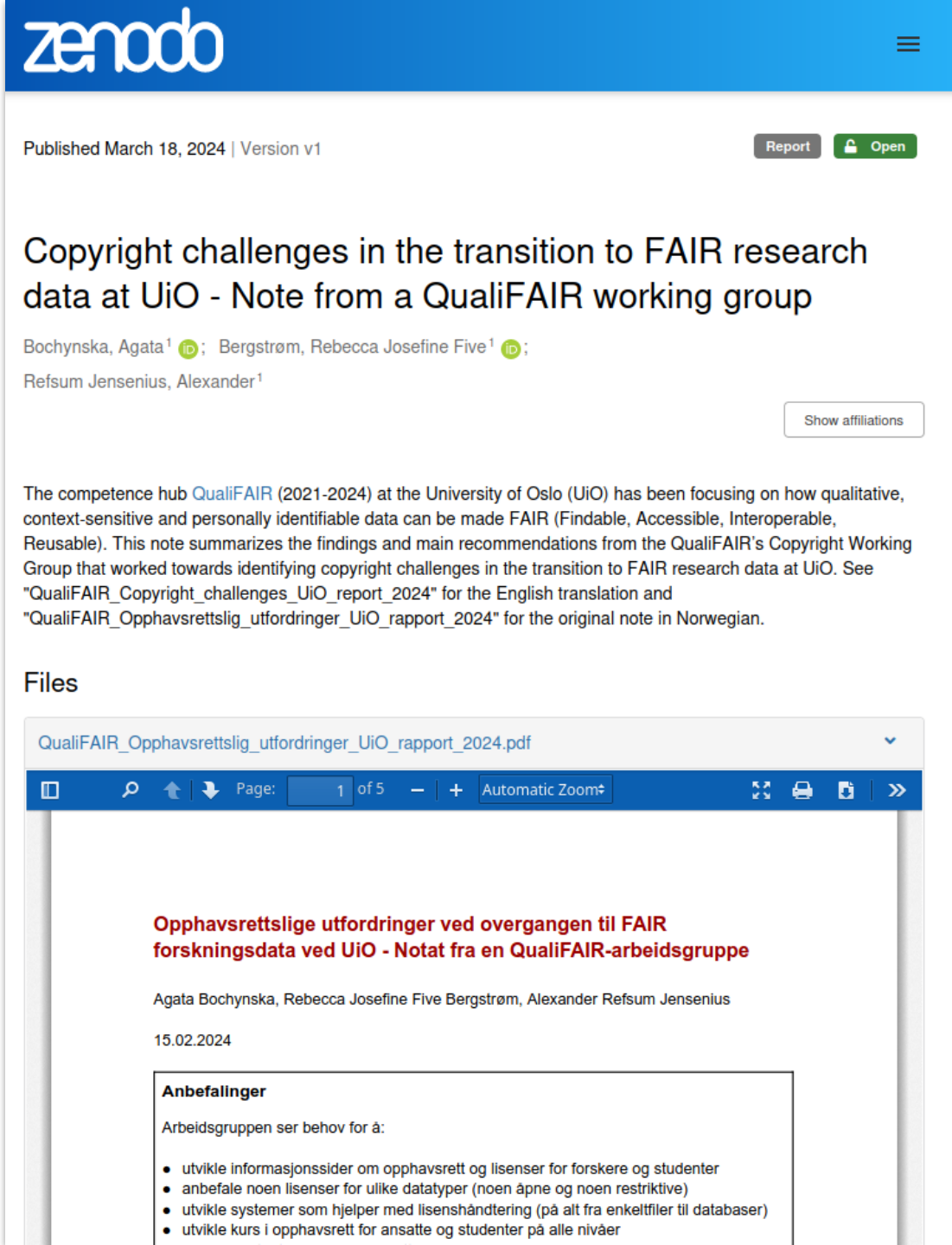
The working group sees the need for:

- **developing information pages** about copyright and licenses for researchers and students
- **recommending licenses** for different data types
- **developing systems** that help with license management (from individual files to databases)
- **developing copyright courses** for employees and students at all levels
- **raising copyright awareness** among managers at all levels
- **clarifying the distribution of responsibilities** and who acts as the first, second and third line of contact for both students and staff

https://zenodo.org/records/10830072

Agata Bochynska, Rebecca Josefine Five Bergstrøm, Alexander Refsum Jensenius





Solutions for responsible **sharing** and **reuse** of **qualitative data**

- ✓ Consider **ethical** and **legal** issues
- ✓ Understand the **rights** to data and material
- ✓ Improve data **anonymization**
- ✓ Document and share **context-specific** information
- ✓ Develop and use discipline-specific **metadata**
- ✓ Develop **infrastructures** for storage and preservation
- ✓ Assess **reuse value**
- ✓ Build **community** across disciplines and roles



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I was born in [redacted]. My parents were both born and raised in [redacted]. My father, [redacted], was [redacted] and my mother, [redacted], was [redacted]. They both lived in [redacted], on either side of [redacted], and there was no chance that they would meet each other.

Data anonymizing and pseudonymizing

Anonymization: to irreversibly remove identifying information from the data so that a person cannot be identified based on the data

Pseudonymization: removal or replacement of identifiers with pseudonyms or codes, which are kept separately and protected (note: this is often still perceived as personal data)

Based on: Sharing and re-using personal data in research, Glerean, 2023

Anonymisation and pseudonymisation techniques

1. Replacing personal names with aliases

John Smith -- Respondent1

2. Categorizing proper nouns

Oslo – [city]

3. Changing or removing sensitive information

Dementia – [illness] or [deleted]

4. Categorizing background information

Workplace: UiO – Workplace: university

5. Changing values of identifiers (where possible)

6. Removing metadata from files

Source: https://www.fsd.tuni.fi/en/services/data-management-guidelines/anonymisation-and-identifiers/

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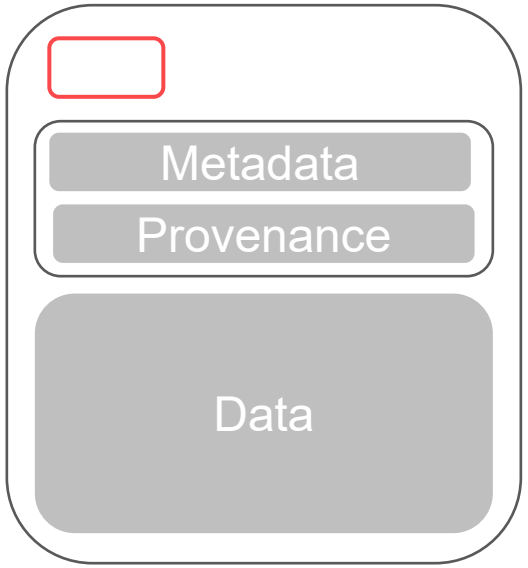
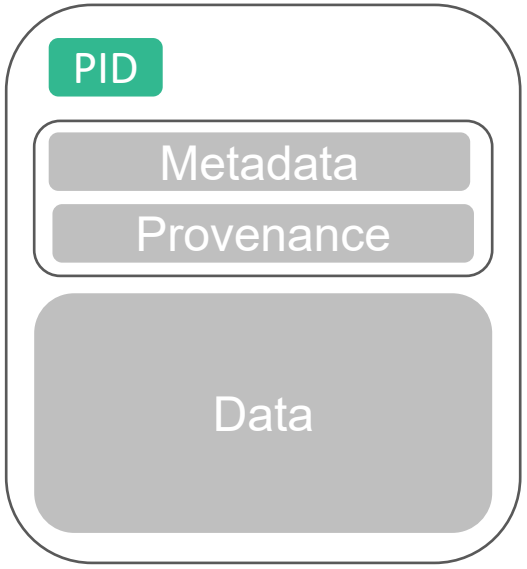
Levels of FAIR

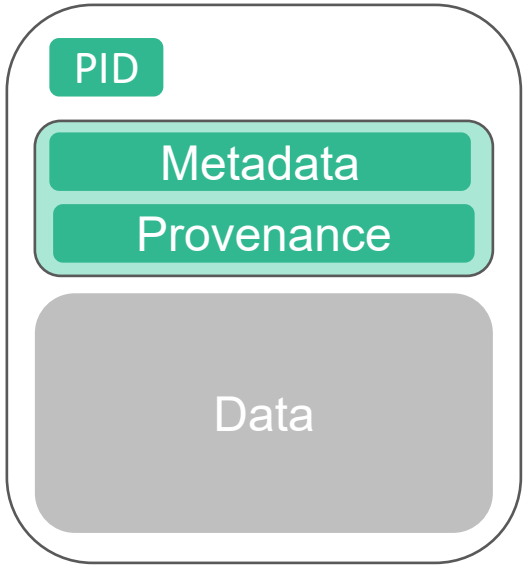
Not FAIR



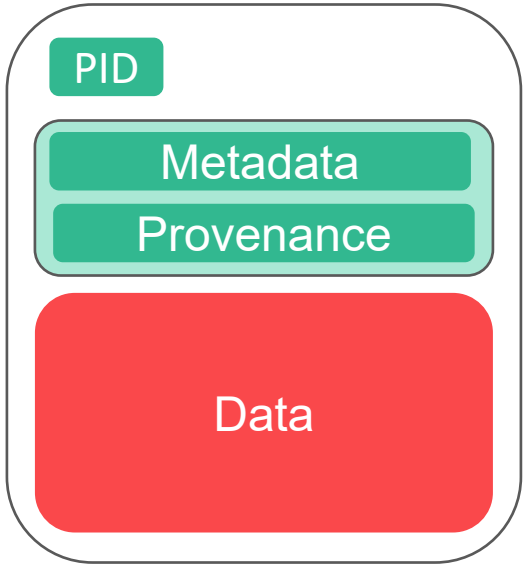
Findable
Usable for humans



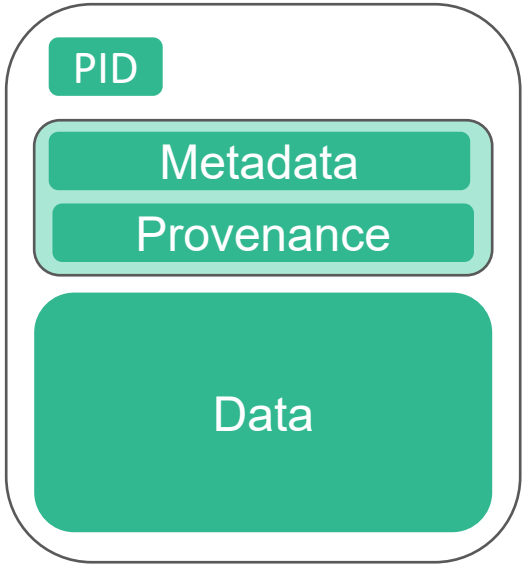
FAIR metadata



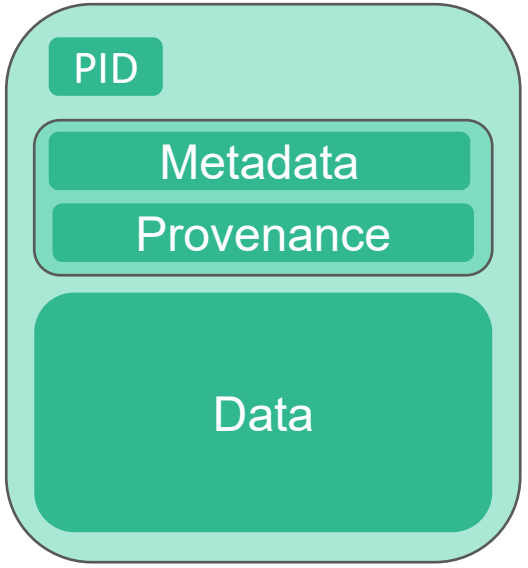
FAIR data
Restricted access



FAIR data
Open access



FAIR data
Open access and functionally linked



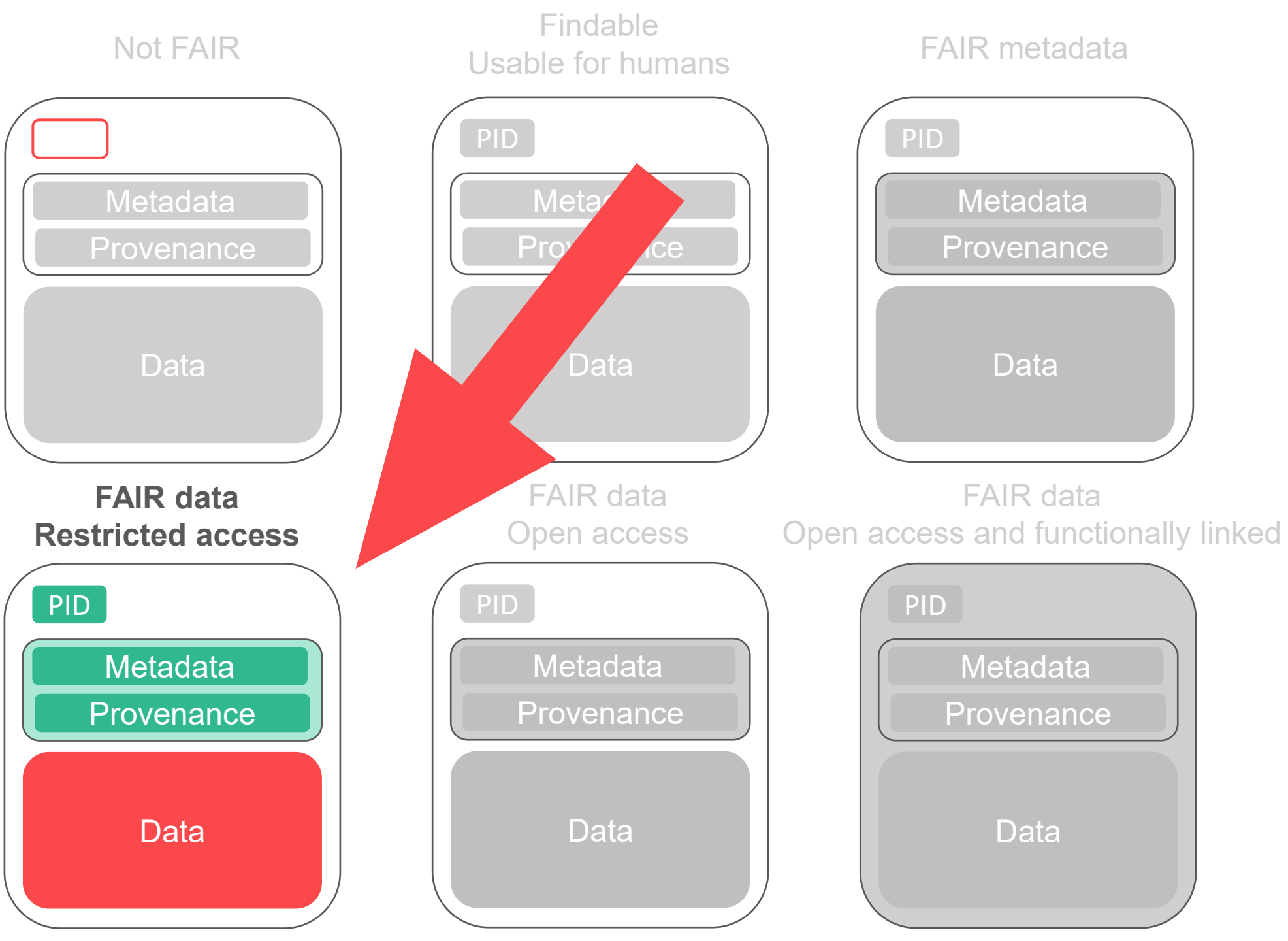
FAIR:
Findable, Accessible, Interoperable, Reusable

PID: Permanent identifier, e.g. doi

Metadata:
data about data

Provenance: The origin and history of data, e.g. where was dataset produced

Adapted from:
https://www.force11.org



Levels of FAIR

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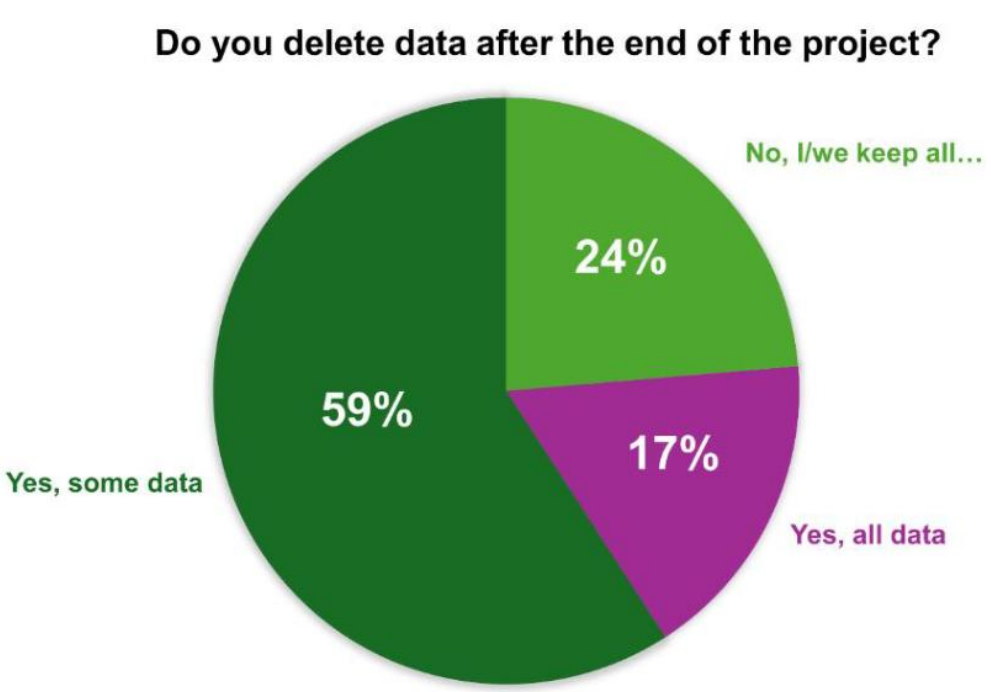
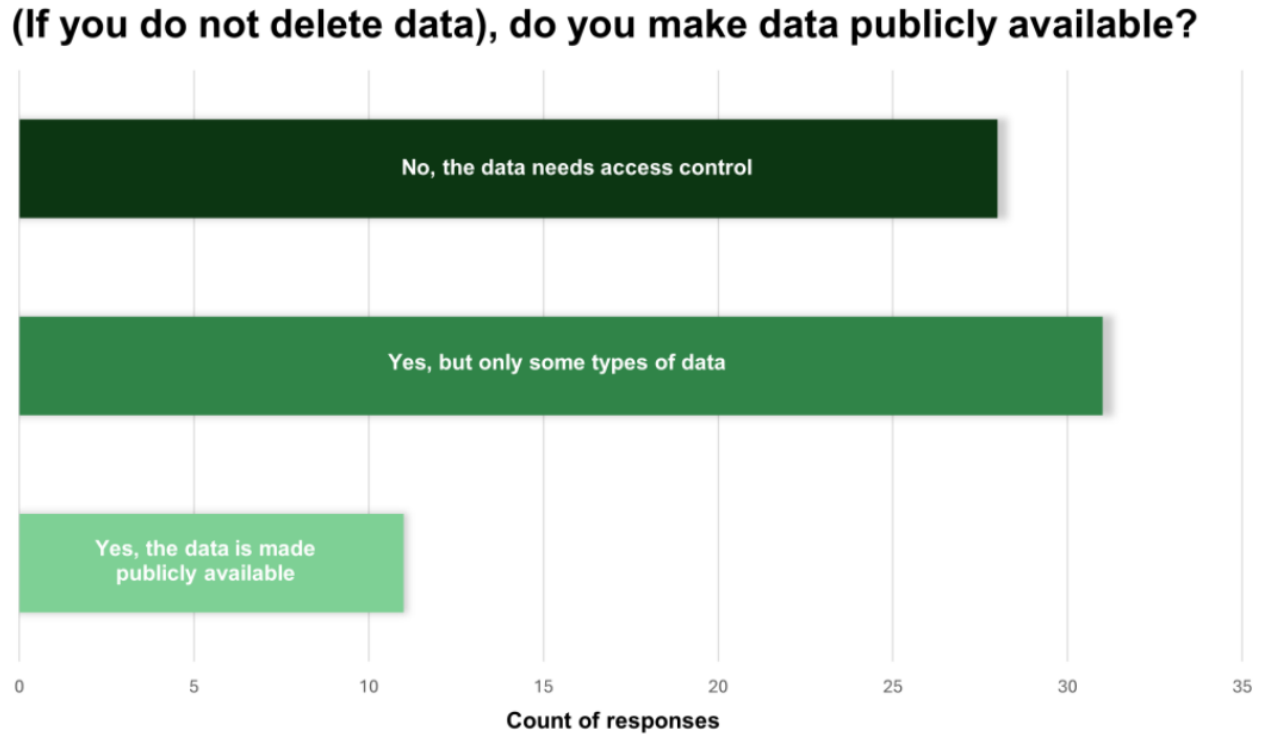




UNIVERSITY OF OSLO

Bochynska et al., (2025). Infrastructure Challenges for the Storage, Processing, and Archiving of Qualitative Data

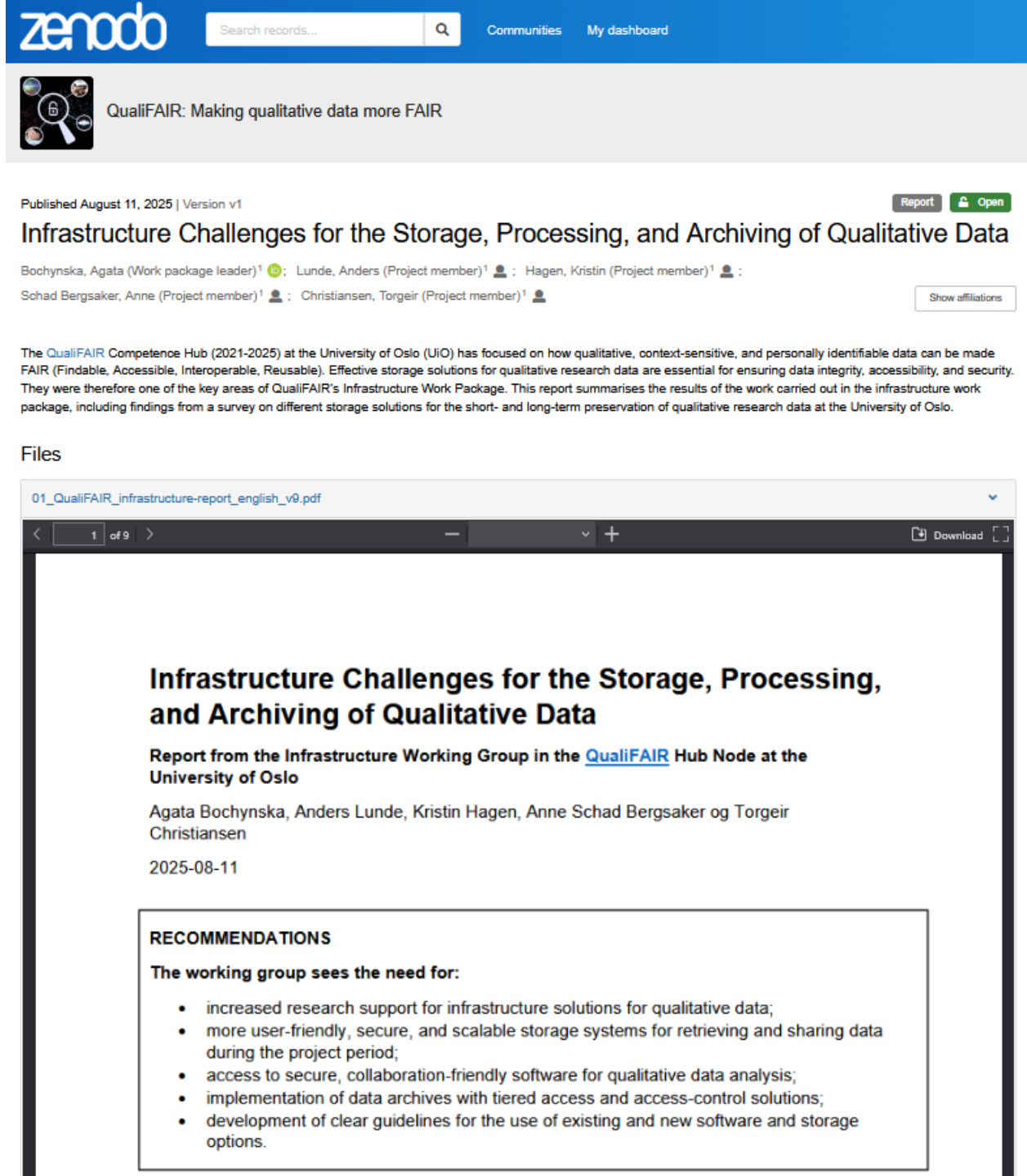
https://zenodo.org/records/22963958

The working group sees the need for:

- increased **research support** for infrastructure solutions for qualitative data;
- more **user-friendly, secure, and scalable storage systems** for retrieving and sharing data during the project period;
- access to **secure, collaboration-friendly software** for qualitative data analysis;
- implementation of data archives with **tiered access and access-control** solutions;
- development of **clear guidelines** for the use of existing and new software and storage options.

https://zenodo.org/records/22963958

Agata Bochynska, Anders Lunde, Kristin Hagen, Anne Schad Bergsaker og Torgeir Christiansen



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QualiFAIR: making qualitative and context-sensitive data more FAIR



Collaboration

Academic staff

Administrative staff

Technical and IT-staff



Interdisciplinarity

Medicine and Dentistry

Social Sciences and Humanities

Education

Theology

Library and IT-services

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ReDemOS

Responsible openness in the eyes of qualitative researchers

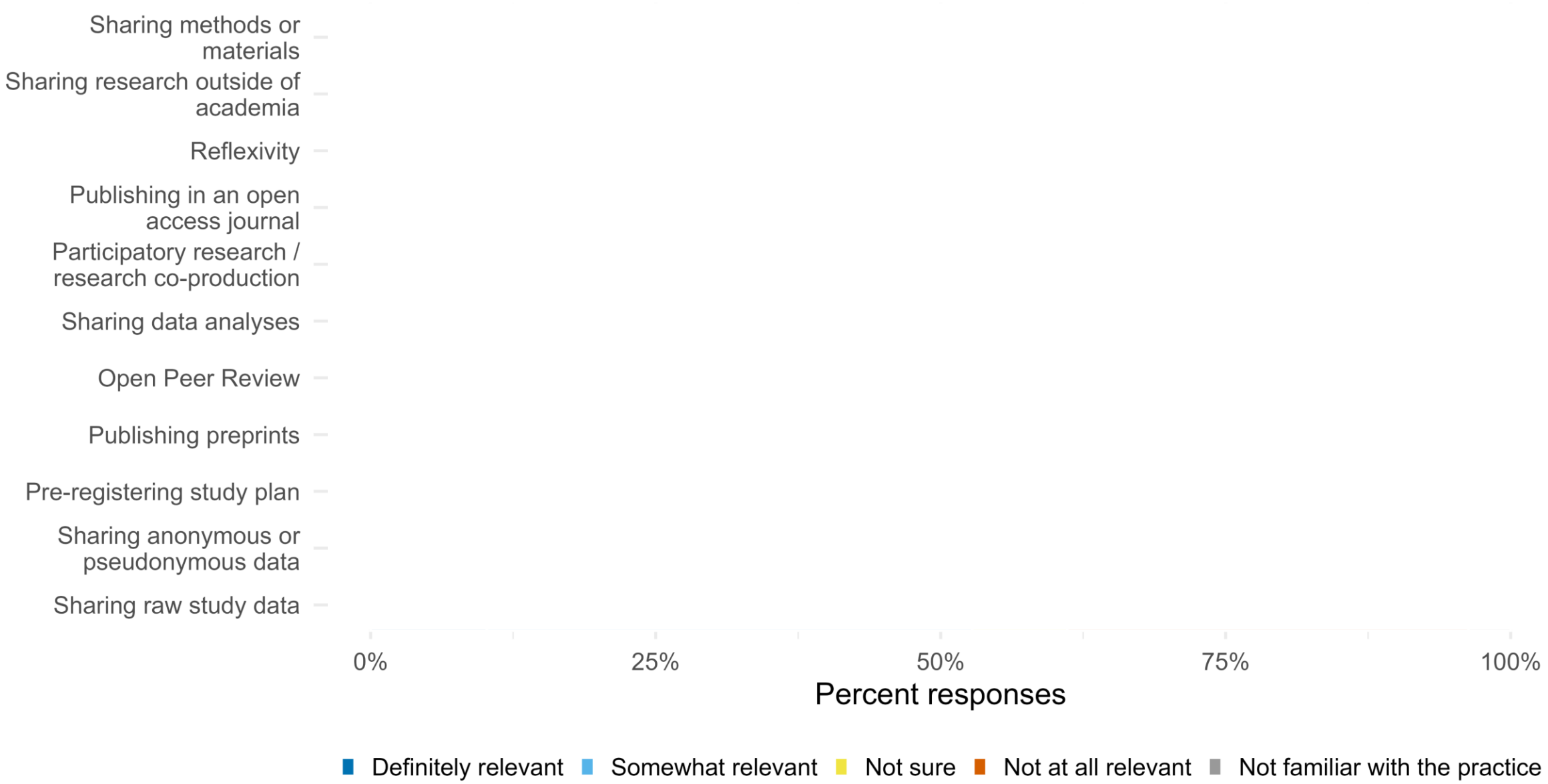
Results from a national survey

Bochynska et al., in preparation

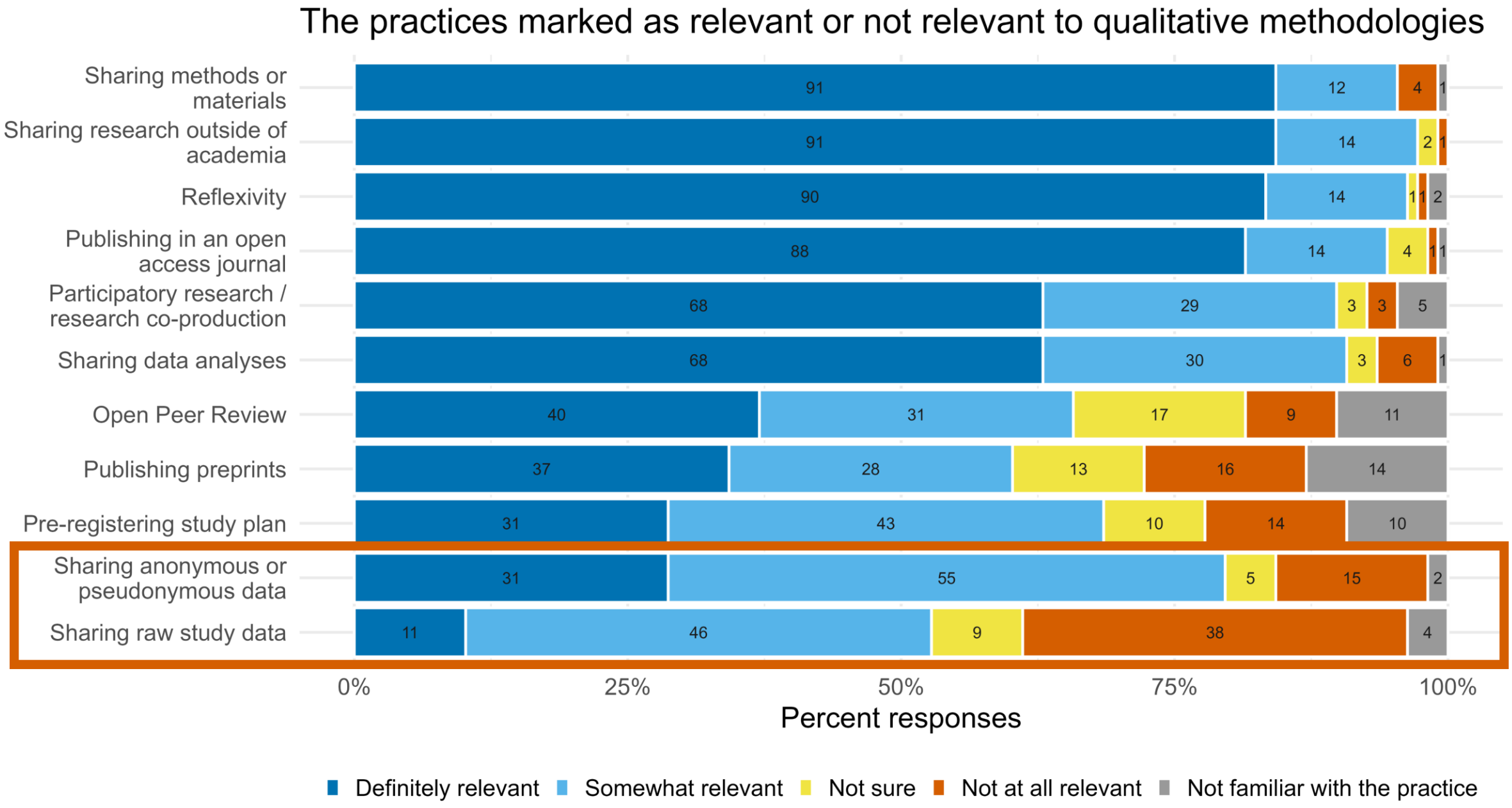
https://www.uio.no/english/research/strategic-research-areas/democracy/research/groups/open-science-democratizing-knowledge-production/

How is Open Science understood and possibly practiced among qualitative researchers in Norway?

The practices marked as relevant or not relevant to qualitative methodologies



Bochynska et al., (in preparation). Qualitative Researchers' Experiences with Open Science and Alternative Practices of Openness



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