



Practical Tips for Making Qualitative Data Resuable

Netherlands Open Science Festival Workshop

Ricarda Braukmann - Data Station Manager Social Sciences at DANS

31 Augustus 2023





Workshop programme

- 14:00 - 14:20 On making qualitative data reusable
- 14:20 - 14:35 Hands-on: What to do with your data?
- 14:35 - 14:45 Feedback and wrap up





DANS

Dutch national centre of expertise & repository for research data

- Offers **data publishing and archiving** services for individual researchers and institutes
- Offers **advice and training** on Research Data Management (**RDM**), **FAIR data** and **Open Science**





DANS

Dutch national centre of expertise & repository for research data

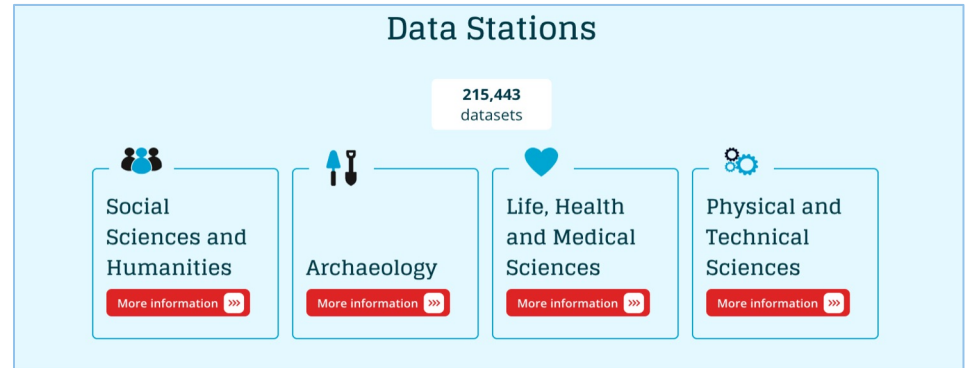
- Offers **data publishing and archiving** services for individual researchers and institutes
- Offers **advice and training** on Research Data Management (**RDM**), **FAIR data** and **Open Science**





DANS Data Station

- Domain-specific data publishing and archiving service for researchers
- Making use of Dataverse technology
- DANS manages the technical infrastructure
- DANS manages the curation of the data
- Long term storage in our Vault
- CoreTrustSeal certified





As open as possible as closed as necessary

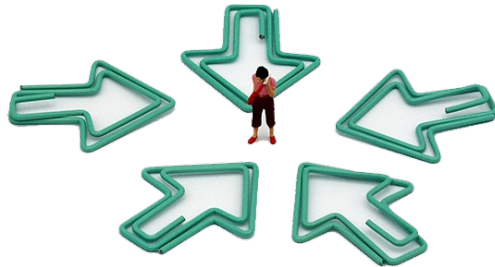
- We recommend **Open Access** and **CC0** where possible





As open as possible as closed as necessary

- We recommend **Open Access** and **CC0** where possible
- Why would that not be possible?
 - Personal information
 - Sensitive information





When working with personal data

Common recommendations

- Gather **informed consent** (to share data) beforehand
- **Minimize** the amount of personal data you collect
- **De-identify** your data
 - Remove personal information
 - Anonymize or pseudonymize data



The challenges of qualitative data

Often personal data which is hard to anonymise or pseudonymize!

- You lose contextual information
- Qualitative aspects are what you want to study

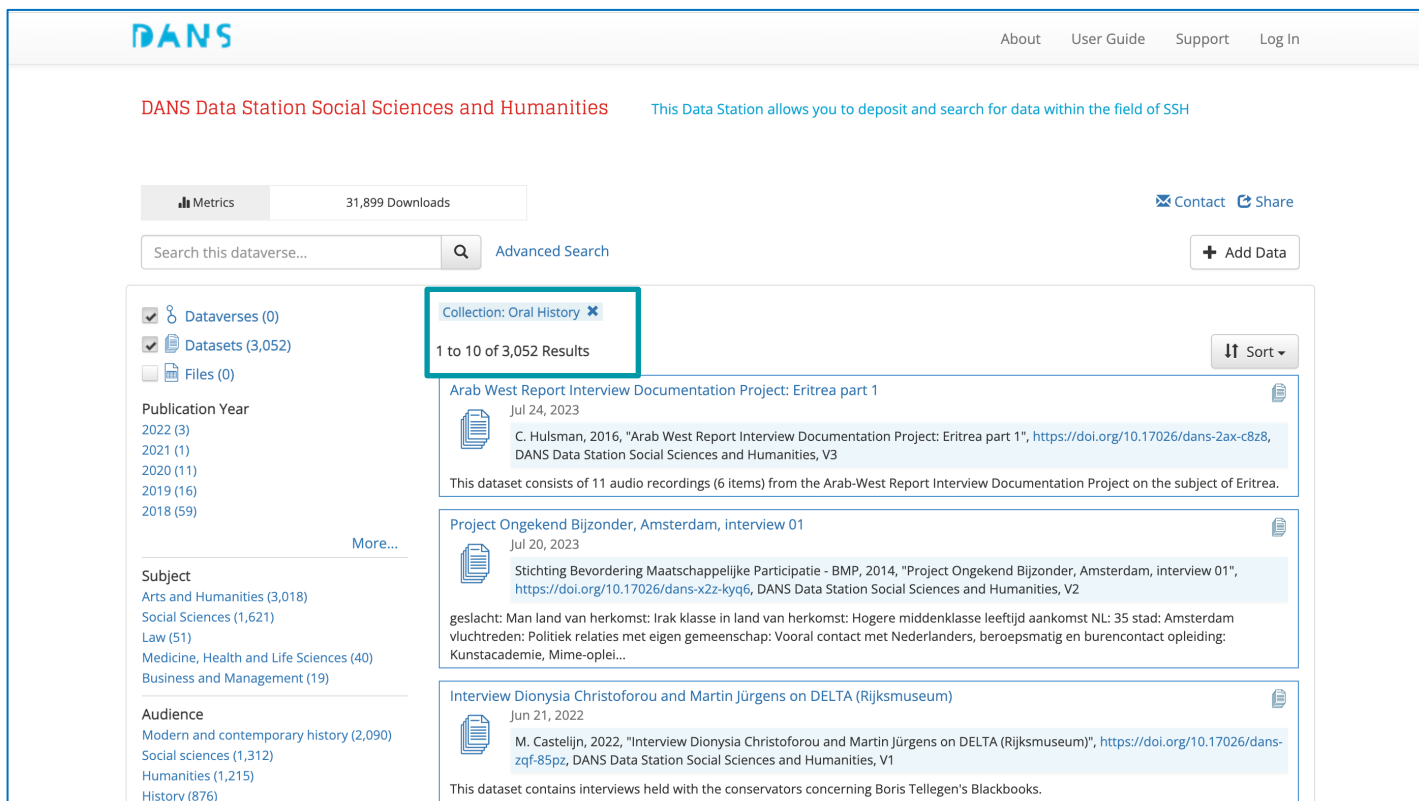
A lot of existing guidance applies to *quantitative* data

→ More guidance needed!



Qualitative data refers to information that is not gathered in numerical form, but rather describes qualities or characteristics.

Archiving and publishing of qualitative data



The screenshot displays the DANS Data Station Social Sciences and Humanities interface. At the top, the logo 'DANS' is visible on the left, and navigation links for 'About', 'User Guide', 'Support', and 'Log In' are on the right. Below the logo, the text 'DANS Data Station Social Sciences and Humanities' is shown, followed by a subtitle: 'This Data Station allows you to deposit and search for data within the field of SSH'. A 'Metrics' section indicates '31,899 Downloads'. A search bar contains the text 'Search this dataverse...' and a search button. To the right of the search bar is an 'Advanced Search' link and an 'Add Data' button. Below the search bar, there are filters for 'Dataverses (0)', 'Datasets (3,052)', and 'Files (0)'. A 'Publication Year' filter is also present, with a 'More...' link. The 'Subject' filter lists categories like 'Arts and Humanities (3,018)', 'Social Sciences (1,621)', 'Law (51)', 'Medicine, Health and Life Sciences (40)', and 'Business and Management (19)'. The 'Audience' filter lists 'Modern and contemporary history (2,090)', 'Social sciences (1,312)', 'Humanities (1,215)', and 'History (876)'. The main content area shows search results for 'Collection: Oral History', displaying '1 to 10 of 3,052 Results'. Three results are visible: 'Arab West Report Interview Documentation Project: Eritrea part 1', 'Project Ongekend Bijzonder, Amsterdam, interview 01', and 'Interview Dionysia Christoforou and Martin Jürgens on DELTA (Rijksmuseum)'. Each result includes a document icon, a date, a title, a DOI link, and a brief description.

DANS About User Guide Support Log In

DANS Data Station Social Sciences and Humanities This Data Station allows you to deposit and search for data within the field of SSH

Metrics 31,899 Downloads Contact Share

Search this dataverse... Advanced Search + Add Data

Dataverses (0)
 Datasets (3,052)
 Files (0)

Publication Year
2022 (3)
2021 (1)
2020 (11)
2019 (16)
2018 (59)
More...

Subject
Arts and Humanities (3,018)
Social Sciences (1,621)
Law (51)
Medicine, Health and Life Sciences (40)
Business and Management (19)

Audience
Modern and contemporary history (2,090)
Social sciences (1,312)
Humanities (1,215)
History (876)

Collection: Oral History 1 to 10 of 3,052 Results Sort

Arab West Report Interview Documentation Project: Eritrea part 1
Jul 24, 2023
C. Hulsman, 2016, "Arab West Report Interview Documentation Project: Eritrea part 1", <https://doi.org/10.17026/dans-2ax-c8z8>, DANS Data Station Social Sciences and Humanities, V3
This dataset consists of 11 audio recordings (6 items) from the Arab-West Report Interview Documentation Project on the subject of Eritrea.

Project Ongekend Bijzonder, Amsterdam, interview 01
Jul 20, 2023
Stichting Bevordering Maatschappelijke Participatie - BMP, 2014, "Project Ongekend Bijzonder, Amsterdam, interview 01", <https://doi.org/10.17026/dans-x2z-kyq6>, DANS Data Station Social Sciences and Humanities, V2
geslacht: Man land van herkomst: Irak klasse in land van herkomst: Hogere middenklasse leeftijd aankomst NL: 35 stad: Amsterdam vluchtreden: Politiek relaties met eigen gemeenschap: Vooral contact met Nederlanders, beroepsmatig en burenccontact opleiding: Kunstacademie, Mime-oplei...

Interview Dionysia Christoforou and Martin Jürgens on DELTA (Rijksmuseum)
Jun 21, 2022
M. Castellijn, 2022, "Interview Dionysia Christoforou and Martin Jürgens on DELTA (Rijksmuseum)", <https://doi.org/10.17026/dans-zqf-85pz>, DANS Data Station Social Sciences and Humanities, V1
This dataset contains interviews held with the conservators concerning Boris Tellegen's Blackbooks.



Making qualitative data reusable

- Guidance developed within CaRe & DaRe

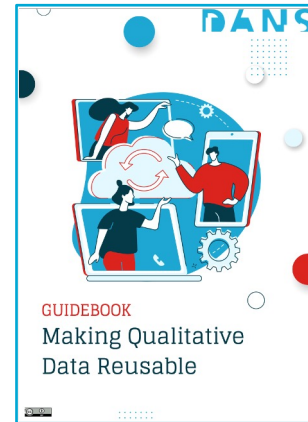




Making qualitative data reusable

- Guidance developed within **CaRe & DaRe**
 - CASE-STUDY RESEARCH & DATA REUSE - NWO Open Science Fund project (2022 - 2023)
 - Assessing **decentralized re-analysis** of qualitative data (field of business and economics)
 - CaRe & DaRe is followed by **OPEN-QUAL**
 - Innovating Methods for Open Science in Qualitative Management Research - NWO Open Competition SSH project (2023 - 2027)

Decentralized re-analysis by original researchers who maintain sovereignty over data, according to shared *analytical protocol*, leveraging the power of *cross-case analysis*



Making qualitative data reusable - report

<https://doi.org/10.5281/zenodo.8160880>

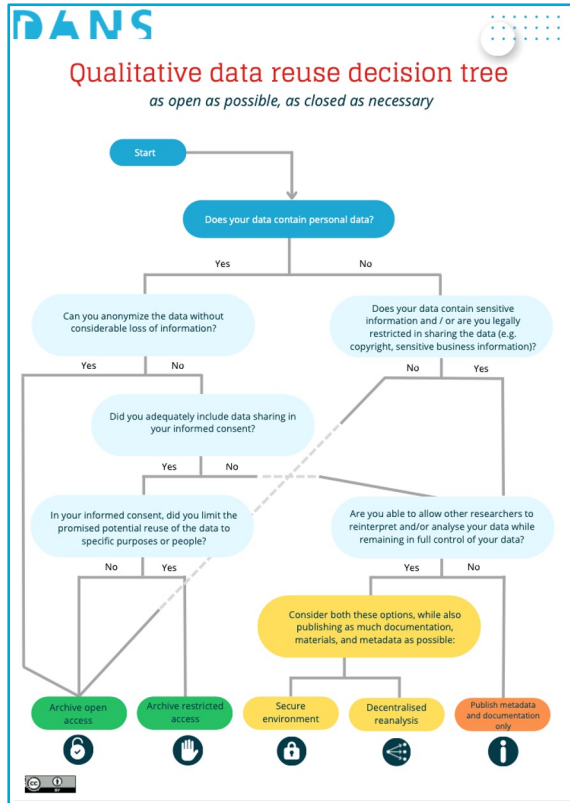


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What options do I have for making my qualitative data reusable?

<https://doi.org/10.5281/zenodo.8160890>



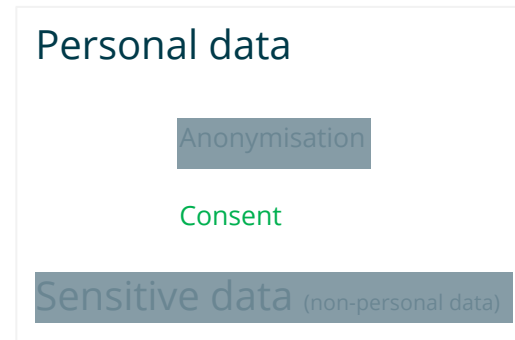
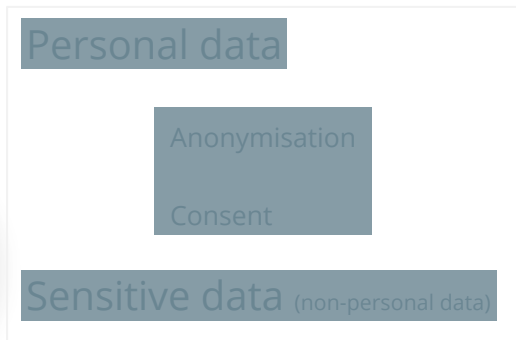
DANS
Qualitative data reuse decision tree
as open as possible, as closed as necessary

- Archive open access** (lock icon): Your data is not sensitive, and if your dataset contains personal data you have informed consent that allows the open sharing of data, or the personal data can be anonymised adequately. Consider to archive your data open access in trustworthy digital repository like the DANS Data Station SSH. CCO license is recommended. Include metadata and documentation to improve the reusability.
- Archive restricted access** (hand icon): Your data contains personal information that you are not allowed to share open access, but your informed consent allows data sharing with specific conditions. Consider to archive your data in trustworthy digital repository that allows restricted access, like the DANS Data Station SSH. Include metadata and documentation to improve the reusability. Establish a Data Access Protocol to accept or reject requests.
- Secure environment** (lock icon): Your data is sensitive and/or contains personal data and you don't have informed consent to share it. Consider using secure environments where the data remains under your control. Publish project documentation and metadata about your data to make it findable.
- Decentralised reanalysis** (globe icon): Your data is sensitive and/or contains personal data and you don't have informed consent to share it. Consider offering your data for decentralised reanalysis, where you reanalyse your data based on analysis protocols from other researchers. Publish project documentation and metadata about your data to make it findable.
- Publish metadata only** (info icon): Your data is sensitive and/or contains personal data and you don't have informed consent to share it. Secure environments or decentralised reanalysis are not possible for you. Publish project documentation and metadata about your project to make it findable.

This decision tree poster is part of the Guidebook: "Making qualitative data reusable" <https://doi.org/10.5281/zenodo.7727519>
Images credit: Open Access icon: ©Barutok Lar via Canva.com; Hand icon: ©icon8 via Canva.com; Lock icon: ©Microstock Creation via Canva.com; Data Flow icon: SETH from Noun Project (CCBY3.0); Information icon: ©Freelazy via Canva.com



Decision tree



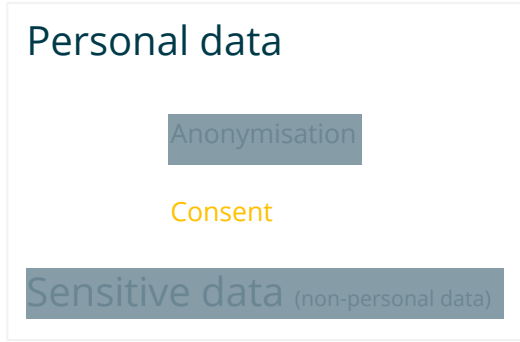
Archive open
access

<https://ssh.datastations.nl>





Decision tree



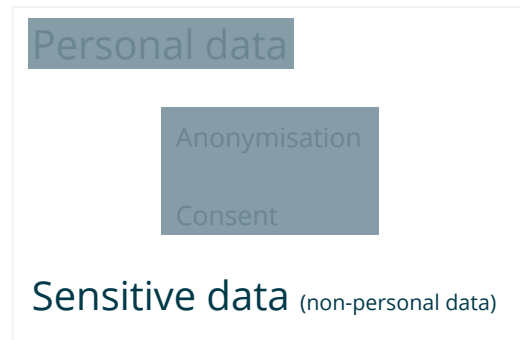
Archive
restricted access

<https://ssh.datastations.nl>





Decision tree

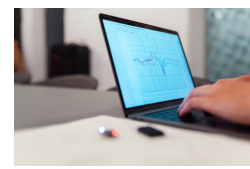


If you are able to allow other researchers to reinterpret and/or analyse your data while remaining in full control of your data



Secure environment

Secure ANalysis Environment (SANE)

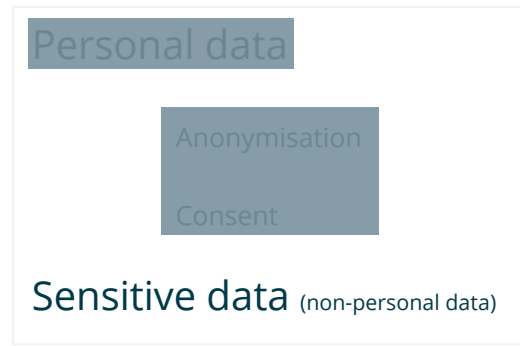
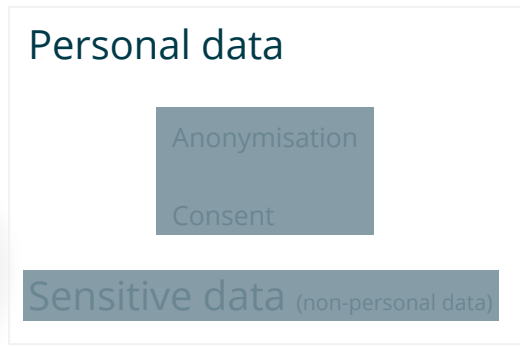


Publish project documentation and metadata about your data to make it findable.





Decision tree



If you are able to allow other researchers to reinterpret and/or analyse your data while remaining in full control of your data



Decentralised reanalysis

<https://www.nwo.nl/en/projects/40621eb014>

Research & results › Innovating Methods for Open Science in Qualitative Management Research (OPEN-QUAL)

Innovating Methods for Open Science in Qualitative Management Research (OPEN-QUAL)

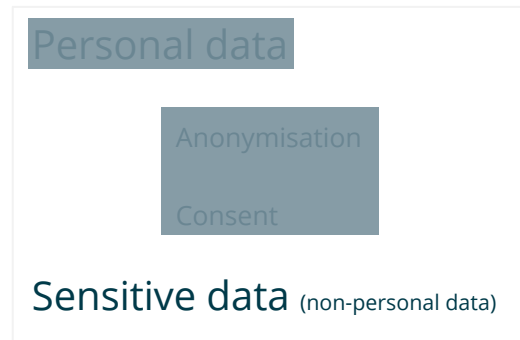
Publish project documentation and metadata about your data to make it findable.



<https://doi.org/10.5281/zenodo.8160890>



Decision tree



If you are NOT able to allow other researchers to reinterpret and/or analyse your data while remaining in full control of your data



Publish metadata only

Publish project documentation and metadata about your data to make it findable.





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Apply the decision tree to your own dataset

[Download](#) the guidebook and the decision tree

- Guidebook → <https://doi.org/10.5281/zenodo.8160880>
- Decision tree → <https://doi.org/10.5281/zenodo.8160890>

[Discuss with your neighbour](#): which option(s) apply for your own dataset?





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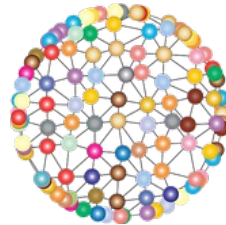


Feedback is welcome

- In the information clear?
- What information do you miss?
- Does the decision tree apply well to your own situation?
- Are the other ways to make data reusable we should address?



Any remaining questions?





Contributors

- Maaïke Verburg - DANS
- Widia Mahabier - DANS
- Samantha Willemsen – DANS

CaRe & DaRe project

- Hans Berends - VU
- Eric Haynes – VU
- Kacana Khadjavi Pour – VU
- Fleur Deken - VU



More information

Open Hour Social Sciences and Humanities

Q&A on Open Science, data storage
and Research Data Management

Every Monday
10:00 - 11:00 CET





More information

Visit our website www.dans.knaw.nl



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The Dutch national centre of expertise and repository for research data.
DANS is an institute of KNAW and NWO.

