SNSF Data Management Plan
4. Data sharing and reuse

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01.09.2022

4. Data sharing and reuse
DMP template

4. Data sharing and reuse

4.1 How and where will the data be shared?

4.2 Are there any necessary limitations to protect sensitive data?

4.3 I will choose digital repositories that are conform to the FAIR Data Principles.

4.4 I will choose digital repositories maintained by a non-profit organization.

4. Data sharing and reuse
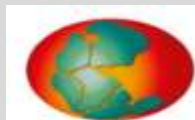## Key points to address

- Repository (= online archive) in which the data is made accessible. (4.1)

  Repositories used should comply with FAIR data principles, and usage of non-commercial repositories is recommended but not mandatory. (4.3 & 4.4)

  Please note: Costs for data publication will only be covered for non-commercial repositories.

- Necessary restrictions to protect sensitive data and their justification (4.2)

4. Data sharing and reuse
Select a repository

First choice: disciplinary repository

- Ask your colleagues
- Check re3data (registry of research data repositories)
- Check lists from funders & journals (SNSF, EU, Nature, PlosONE)

No suitable disciplinary repository?

Institutional repository:
- BORIS Portal

Generic repositories:
- International: e.g. Zenodo, Harvard Dataverse, figshare (commercial), Dryad
- Swiss based: Olos, SWISSUbase

4. Data sharing and reuse
FAIR Data Principles

First: check if your repository is on this list by the SNSF

Yes ⟹ Repository complies with the ORD criteria of the SNSF

No ⟹ Check if it fulfills the 6 points on the SNSF's FAIR – checklist:

- **Persistent identifiers** (e.g. DOI)

- **Metadata**: general (e.g. author's name, title, content of dataset, etc.) and discipline specific (definition of variable names, methods used, etc.)

- Citation information and **metadata** always **publicly accessible**

- **Submission form** for general metadata in a commonly used standard

- Clear information on **license** (e.g CC0, CC BY, etc.)

- **Long-term preservation plan** in place

Title:	Swissvotes – the Database on the Swiss Popular
Description:	Dataset on all popular votes held on federal leve
Data Availability:	Open
Contact:	Schaub, Hans-Peter
Contributor(s):	Schaub, Hans-Peter Bühlmann, Marc
Published:	07-Mar-2021
DOI:	https://doi.org/10.48620/43 (Version: 3)
External Link:	https://swissvotes.ch/page/dataset
Organization(s):	Institute of Political Science
BORIS Projects:	Swissvotes – the Database on the Swiss Popular
Language(s):	de
Subject(s):	300 - Social sciences, sociology & anthropology 300 - Social sciences, sociology & anthropology
Keyword(s):	Direct Democracy Switzerland Popular votes Referendum Initiative
Rights:	cc-by

https://boris-portal.unibe.ch/handle/20.500.12422/14

4. Data sharing and reuse
Non-commercial vs. commercial

How and where to check? – re3data

Repository details

figshare

| General | Institutions | Terms | Standards |

Institution name	Digital Science
Contact(s)	http://figshare.com/contact
Country	International
Type(s) of responsibility	general technical
Type of institution	commercial

Repository details

BORIS Portal

| General | Institutions | Terms | Standards |

Institution name	Universität Bern
Additional name(s)	University of Bern
Identifier(s)	ROR:02k7v4d05
Country	Switzerland
Type(s) of responsibility	general
Type of institution	non-profit

4. Data sharing and reuse
Protecting sensitive data

Under which conditions will the data be made available (e.g. timing of data release) and are there any limitations to data publication? (4.2)

- Clearly **describe** and **justify** any restrictions.

- Check if publication under **restricted access** might be an option.

- Share at least **metadata** with **contact information** in cases where data can't be published.

- **Embargo** periods after the manuscript has been published are only possible under **exceptional** circumstances.

👉 **As open as possible, as closed as necessary!**

4. Data sharing and reuse
Data access conditions

- <u>Options:</u>
- Open / Embargoed / Restricted / Closed / Metadata only
- Some repositories are able to handle sensitive data - check terms of use before uploading
- Use Data Transfer Agreement if necessary
- Share data on request using a secure connection

Restricted
Closed

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BORIS Portal

Bern Open Repository and Information System

Select data access conditions.

Data Availability *

Open

Please choose...
Open
Embargoed
Restricted
Closed
Metadata Only

BORIS Portal: Submission Workflow; https://boris-portal.unibe.ch/