

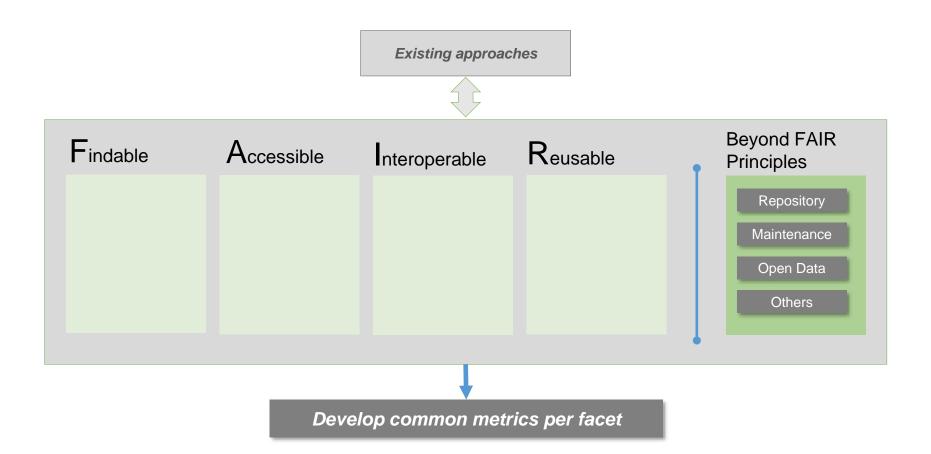
FAIR Principles

Beyond FAIR

Analysis of existing approaches











Non-FAIR Principles

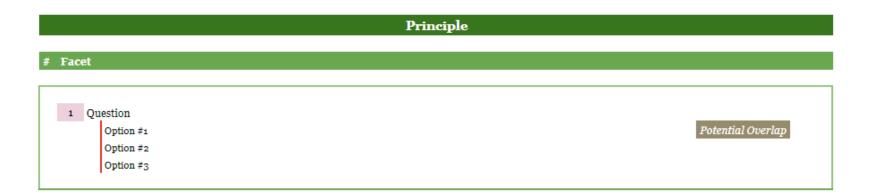
Data repository
Data Maintenance
Open data
Others





LEGEND

- 1 ANDS-NECTAR-RDS-FAIR data assessment tool
- 2 DANS-Fairdat
- 3 DANS-Fair enough?
- 4 The CSIRO 5-star Data Rating tool
- 5 FAIR Metrics Questionnaire
- 6 Big Data Readiness
- 7 FAIR Evaluator
- 8 Data Stewardship Wizard
- 9 Checklist for Evaluation of Dataset Fitness for Use
- 10 RDA-SHARC Evaluation







X1 Data repositiory

1 What type of repository or registry is the metadata record in ?
The data is not described in any repository
Local institutional repository
Domain-specific repository
Generalist public repository
Data is in one place but discoverable through several registries
3 Is the data repository you have chosen trustworthy
No
Yes
9 Is dataset located within a CoreTrustSeal-certified repository?
No No
Yes
9 Is dataset located within a World Data System or Data Seal of Approval certified repository?
No
Yes
Deposite we represent a tire of involves that at westure harmonization completeness and correctness of the date set comports with trained date correction activities
9 Repository representative stipulates that structure, harmonization, completeness, and correctness of the dataset comports with typical data curation activitie
Somewhat
Yes
<u> </u>
Does the researcher use data repositories for the storage of data?
Never /NA
If mandatory
Sometimes
Always



X2 Curation and maintenance

4 Updated - part of a regular data collection program or series, with clear maintenance arrangements and update schedule one-time dataset

part of series - occasional/irregular update part of series - regular scheduled updates

4 Curated - commitment to ensuring the data is available long term

Once-off dump, no ongoing commitment

Best effort, project website

Public or institutional repository (e.g. CKAN, GitHub)

Certified repository





X3 Open data

3 FAIR enough, but also Open? Will your data be published as open as possible and as protected as necessary?

No

Yes

8 Will you be working with the philosophy 'as open as possible' for your data?

Νc

Yes



X4 Others

8 Will data interpretation and modeling require significant compute infrastructure capacity?

No Yes

8 Will you be doing (automated) knowledge discovery?

No

Yes