FAIR Data and Responsible Metrics

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Why share your data

- Funder mandates

e.g. EPSRC, NIH from Jan. 2023

Positive incentives :

- Articles linking to data in a repository = 25% higher citations
- Gives credibility to results through reproducibility
- Encourages re-use

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FAIR

Findable Accessible Interoperable Reusable

FAIR checklist

Findable	Data and materials enriched with metadata assigned with a unique identifier
Accessible	Data and metadata stored in a trusted repository with an open and free protocol. Accessible by machines and humans
Interoperable	Using vocabularies and public domain ontologies the metadata can be referenced and linked
Reusable	Additional documentation and protocols describing the acquisition of the data, licensed with a detailed provenance

Useful resources

- Fairsharing.org
  - search for repositories, funder policies and standards

- ARDC FAIR checklist
  https://ardc.edu.au/resource/fair-data-self-assessment-tool/

- PURE
  https://www.abdn.ac.uk/staffnet/research/pure-14556.php

Access Pure

Upcoming training series

Open access, open data, metrics, licensing….

Any specific areas you would like to receive more training on
Contact us openaccess@abdn.ac.uk

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Responsible Metrics

Research metrics are quantitative indicators used to analyse research performance, in terms of visibility and impact of scholarly outputs.

- Metrics have limitations:
  - they should never be used out of context
  - they should never be used as unique measure to evaluate an individual or institution's performance.
  - Metrics also cannot be used to evaluate the quality of research.

The Leiden Manifesto for research metrics

Metric measures are useful to

- Analyse and improve the visibility of your work
  - mentions on media
  - citations
- Find emerging trends in research
- Identify most suitable journals or sources in which to publish
- Identify potential collaborators

- Performance Reports (Schools)
- Trainings
- Guides
- Website and twitter content

Any question? Contact openresearch@abdn.ac.uk

Thank You