

# Open Data, FAIR Data and FAIR play in research – what's the point anyway?

Postdoc Appreciation Week Germany

Christina Beckers, Nadine Jacobsen, Volker Thiemann,  
Christian Pauls & Johannes Voßkuhl, 21.09.2023



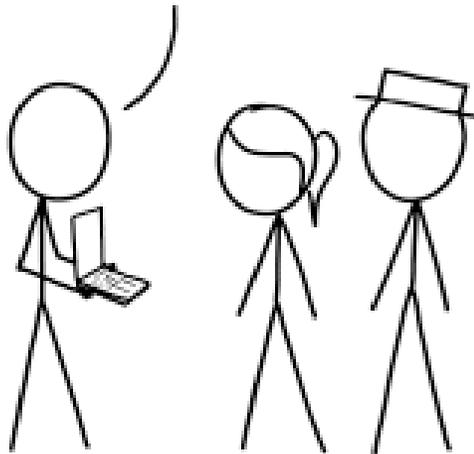
What is your field of study? | What is your home institution?

# What is your home institution?

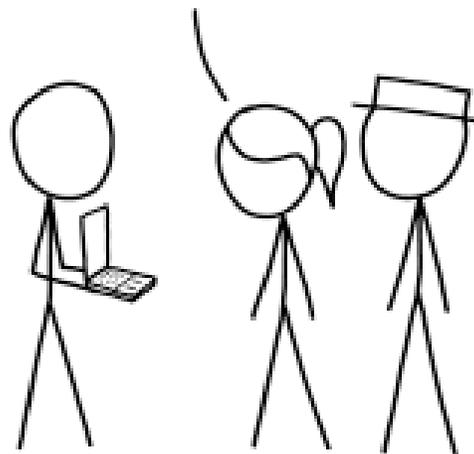
## How familiar are you with research data management?

- a. No previous knowledge
- b. Basic knowledge
- c. Confident in application
- d. Lecturer level

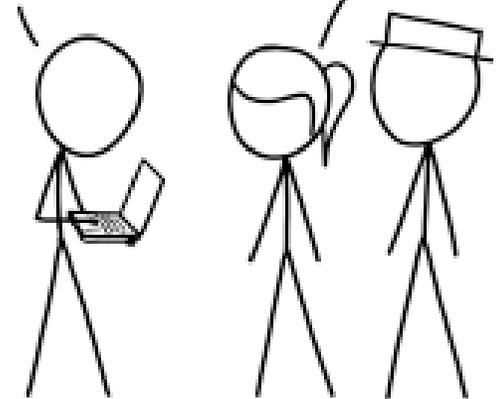
CHECK IT OUT—I MADE A FULLY AUTOMATED DATA PIPELINE THAT COLLECTS AND PROCESSES ALL THE INFORMATION WE NEED.



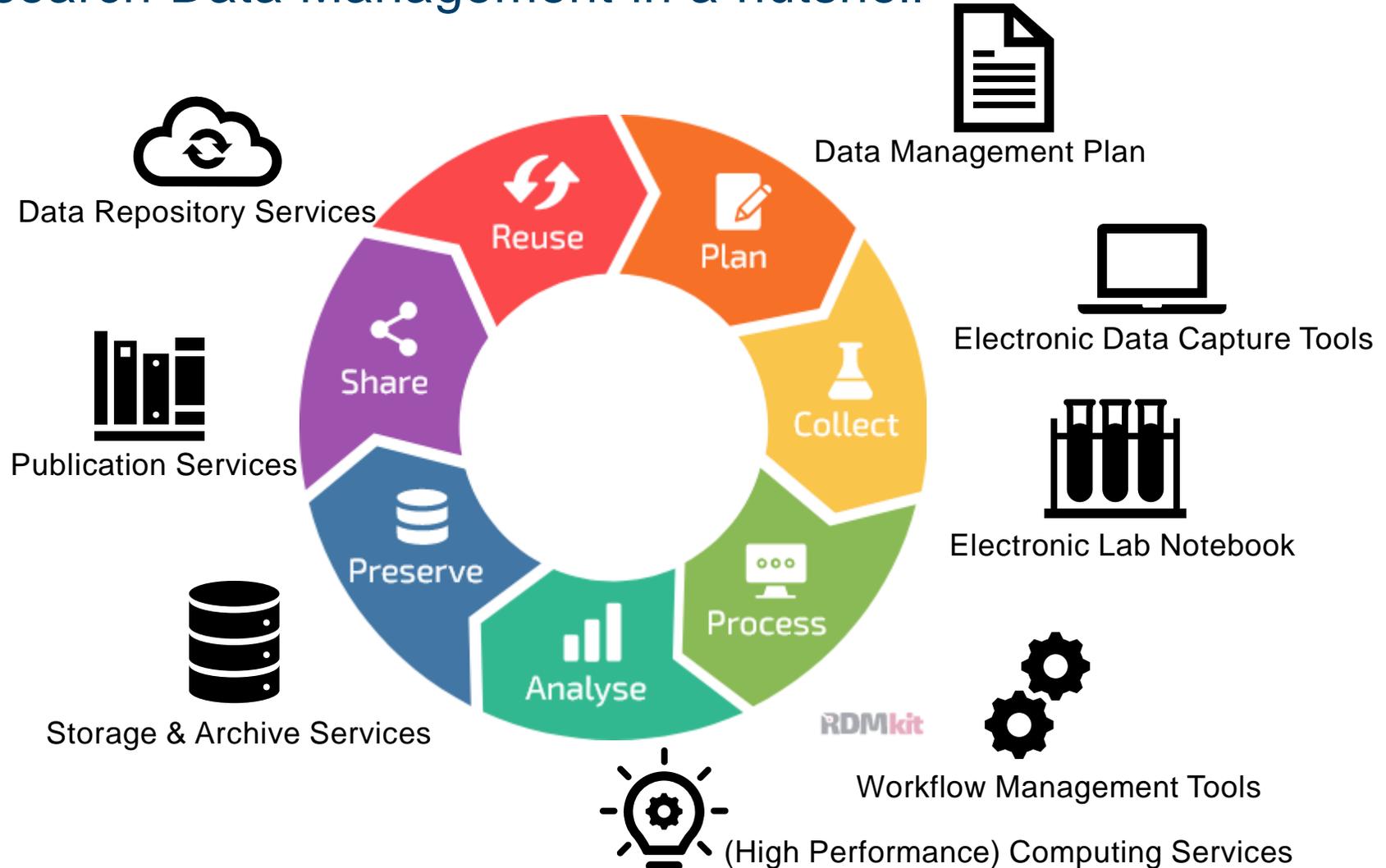
IS IT A GIANT HOUSE OF CARDS BUILT FROM RANDOM SCRIPTS THAT WILL ALL COMPLETELY COLLAPSE THE MOMENT ANY INPUT DOES ANYTHING WEIRD?



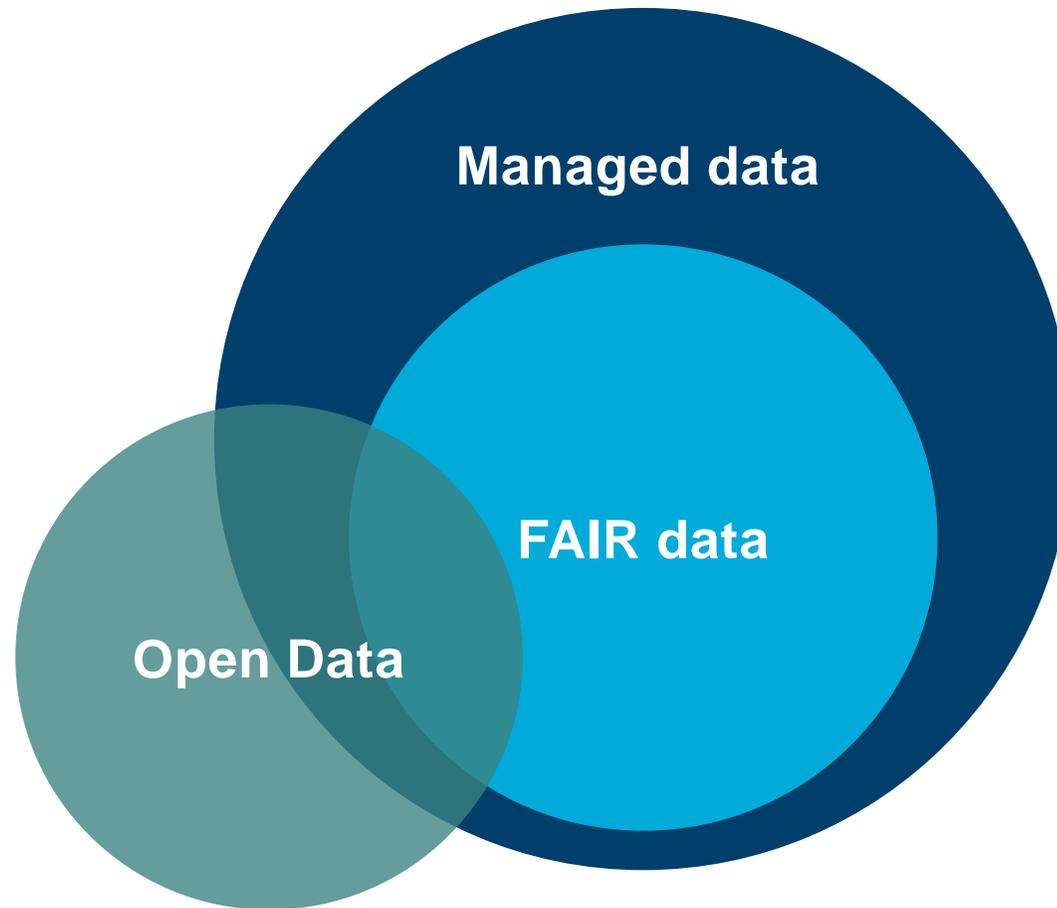
IT... *MIGHT* NOT BE.  
| I GUESS THAT'S SOMETHING—  
WHOOPS, JUST COLLAPSED. HANG ON, I CAN PATCH IT.



# Research Data Management in a nutshell



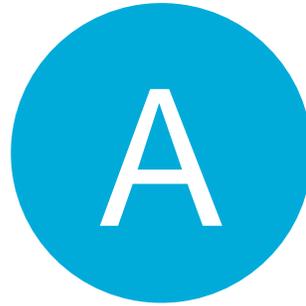
## FAIR vs. Open data



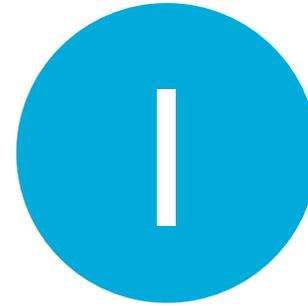
## FAIR data



Findable



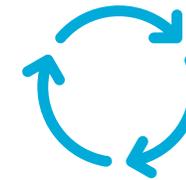
Accessible



Interoperable



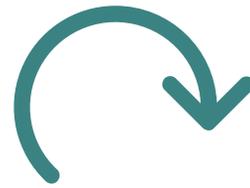
Reusable



# Open Data



Access



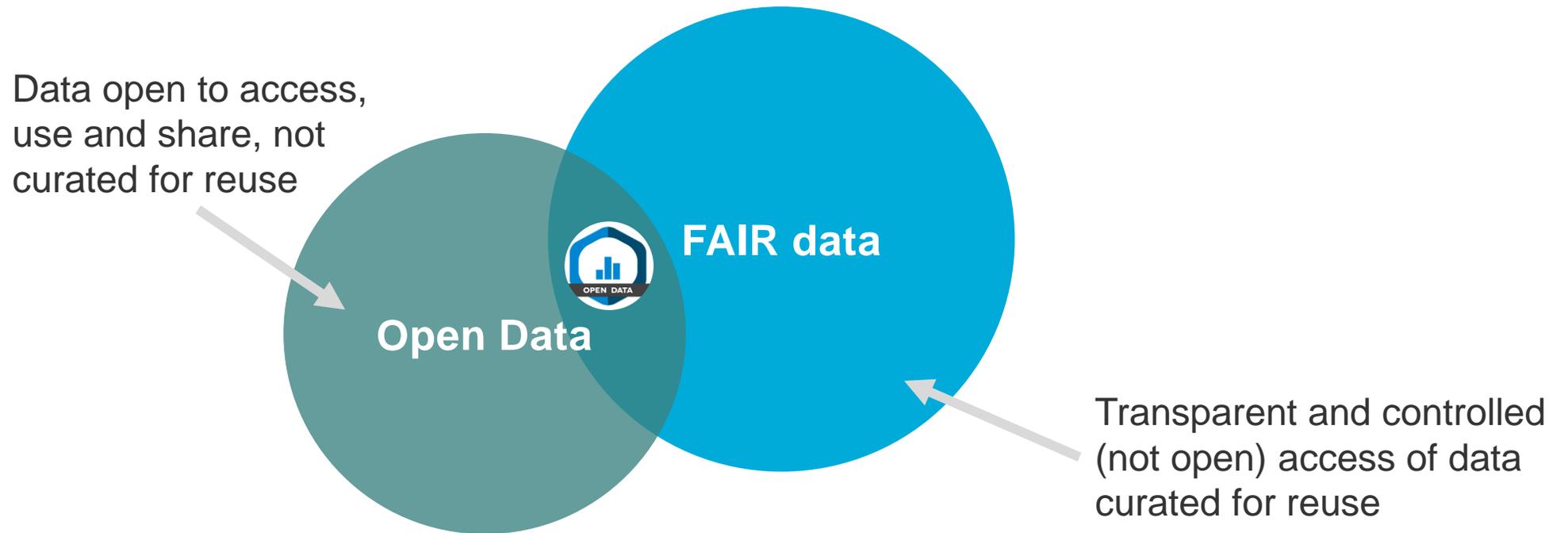
Use



Share

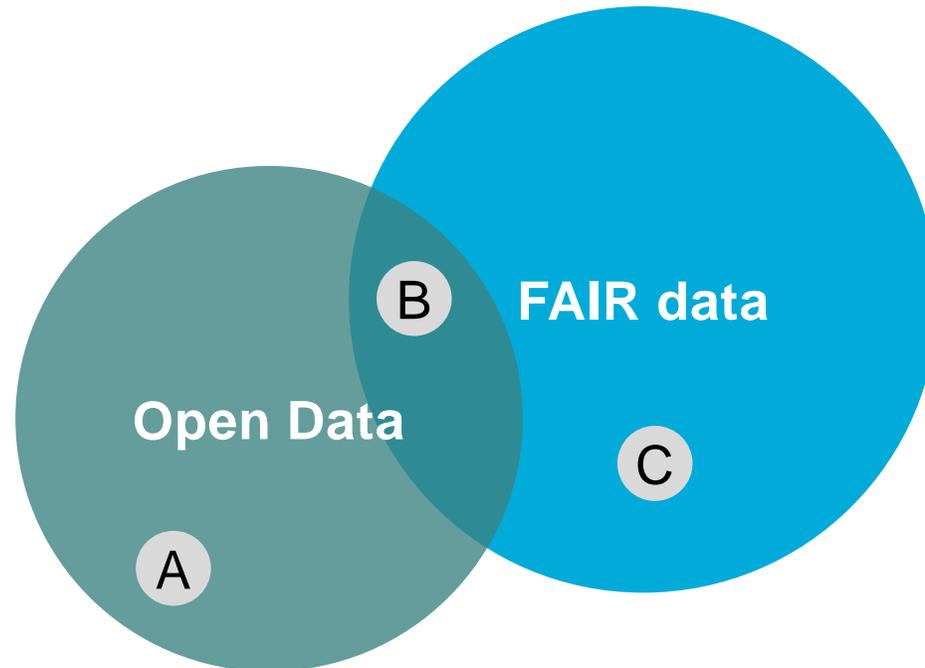
→ Appropriate license

## FAIR vs. Open data



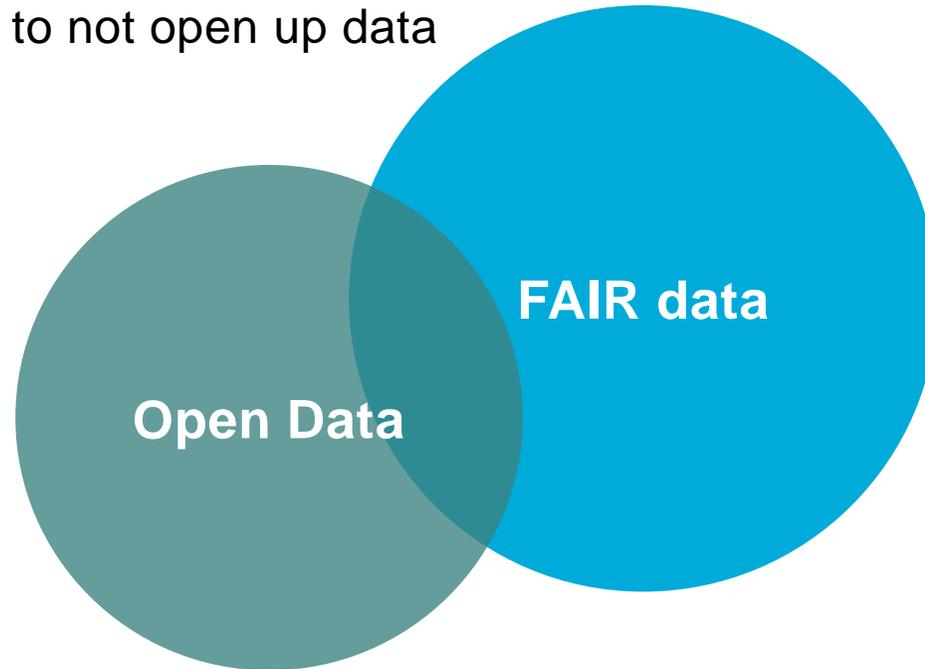
Store data and metadata at institutional repository where they will receive a DOI.

D



## Take home

- FAIR  $\neq$  open data, BUT intersection
- Valid reasons to not open up data



## Research Data Scarytales - Undocumented



The data existed, but could not be re-used despite their best efforts.

**Conclusion?**

Why FAIRify your data?

Why not?

## FAIR data Dilemma

Your last paper of your postdoc in Oldenburg is almost finished. Next month you will move to a new lab in a different city and before you want to visit your sister's wedding. The dataset you are working on is badly documented and cannot be reused by other lab-members in the current form. It will practically be lost when you leave. It is clear that you can either submit the paper OR finish the FAIR data documentation. What will you do?

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**A** The publication is much more important for my career and the data will not be re-used anyway.  
I will only work on the manuscript.

**B** This research was funded by the community and thus data belongs to the people!  
I will only polish the dataset.

**C** I do not need to decide this. After all, I am an employee and what do I have a supervisor for?  
I will ask my PI and do what they advise.

**D** Overtime! No one can stop you from exploiting yourself. I will skip my sister's wedding and ...  
I will do both.

## What do you expect from RDM-services at the Uni?

I don't care

Only do that

Bring us new software tools	
Guide us through data publication	
We need legal advise	
Policies, Best Practices, Use cases ...	
Please help us with grant proposals	
Teach RDM to our students	
Storage, organize more storage	

# What's the point anyway?

## Image sources

- Logo Postdoc Appreciation Week: <https://tu-dresden.de/ga/die-einrichtung/news/postdoc-appreciation-week-2023>
- Research Data Scarytales – Undocumented: <https://forschungsdaten-thueringen.de/stories/articles/undocumented-eng.html>
- Open data badge: <https://imgur.com/eud7dC0>