



Real world experience with evaluating repositories

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Hannah Mihai, DeiC Tuomas J. Alaterä, FSD

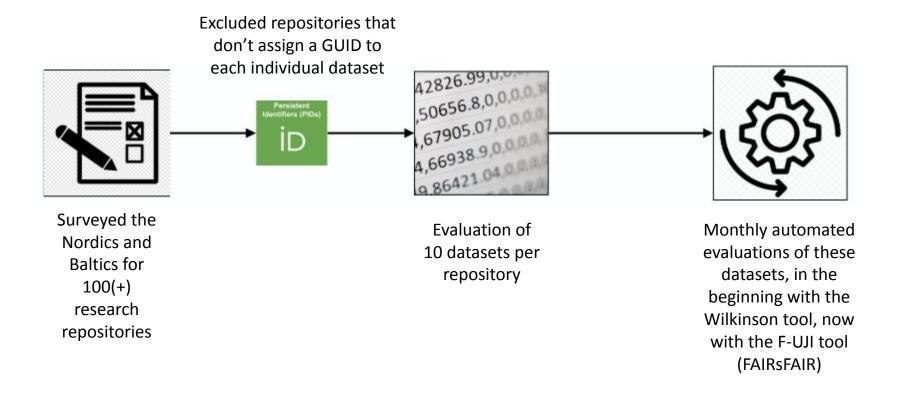




WP4: FAIR maturity of Nordic and Baltic Repositories

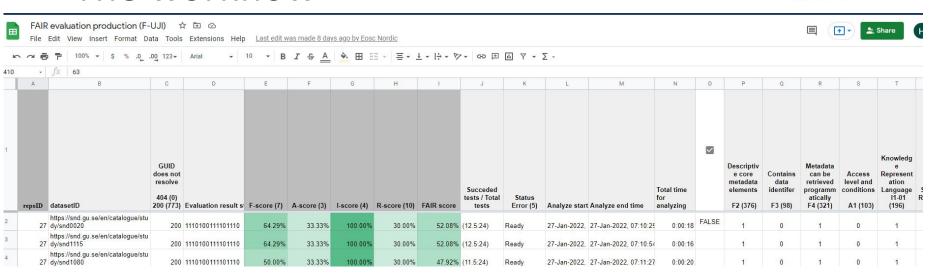






EOSC NORDIC

The workflow



- Analysis is getting started in GoogleSheets (2 modes, with and without DataCite metadata)
- GoogleScripts run in the background
- One analysis takes around 20 seconds, for ca. 800 datasets it takes 4-5 hours

The workflow

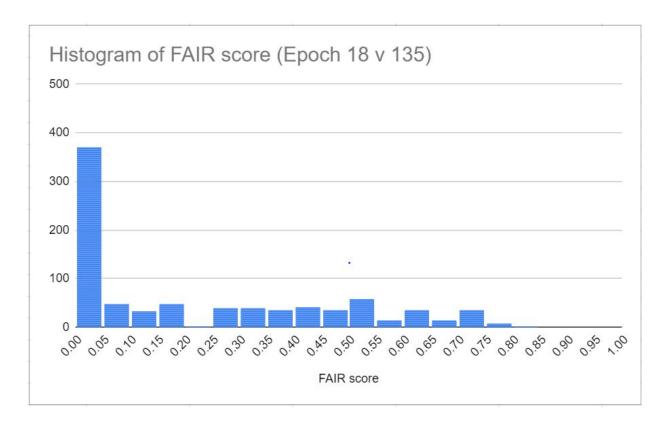


		41%	31 /0	23%						
	(73)	(45)	(37)	(47)		72	72	72	72	72
	0.380	0.251	0.185	0.151	0.236	0.007	0.018	0.013	0.014	0.010
850	(73)	(73)	(73)	(73)						
				V 102				74%	<33%	
MAX	100.09	100.09	75.0%	0.5(3)	70.8%			15%	33%<	X<50%
MIN	14.3%	0.0%	0.0%	0.0%	4.2%			13%	>50%	

- Summary for the entire sample is generated automatically
- More data-analysis needs manual work

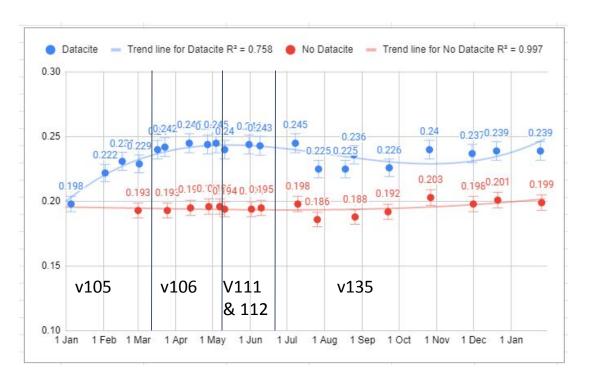
Histogram of FAIR scores of all evaluated repositories*











- DataCite metadata gives added FAIR-value
- Especially I and R scores are affected
- general (slight) increase over time
- Affected by change of version in F-UJI



Experiences from FSD



Finnish Social Science Data Archive

- 20+ years of experience in data archiving and opening research data
 - Strong in metadata (production, development and reuse)

- Project partner in EOSC-Nordic
 - Support provider for selected repositories

- At the same time one of the evaluated repositories
 - Internal goal: be FAIR and perform well in the evaluation







Already familiar with the 16 requirements.
Preliminary (human) assessment done.
Expectation of being FAIR, interoperability perhaps an issue.



Initial automated evaluation: poor results almost in all tests.
Evident that actions are needed.



Closer examination of the results a relief: evaluation failures not fundamental but require rethinking.

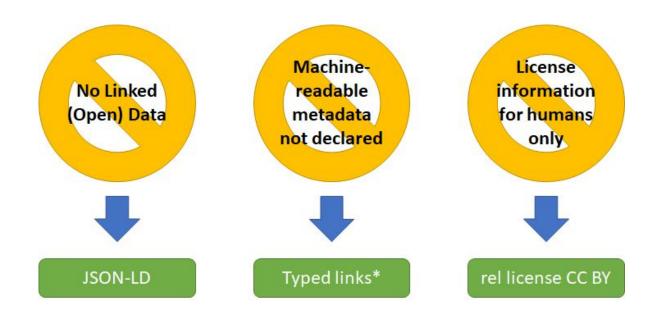
Focus on the benefits.



Weaknesses identified. Evaluation result greatly improved with justified changes to metadata. Work in progress...







DOI vs URN? At first seemed like a battle lost

Lessons learnt



DO

- focus on metadata
 - Metadata available, but only some datasets can be downloaded without registration \rightarrow FAIRness of metadata is crucial
- take basic steps:
 - Embedded JSON → multilingual and vocabulary based
 - Enriched DublinCore
 - Typed links / signposting
 - Vocabularies, ontologies, keywords, mappings...
- produce valid metadata

DON'T

- do it for the evaluator
- worry if not reaching 10/10: understand the results and limitations
- think FAIR only now. Keeping data FAIR needs to be addressed