

EOSC-Nordic intro & highlights from WP4 FAIR Data

Andreas O Jaunsen (NeIC / WP4 lead)

EOSC-Nordic project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 857652



WP4 members

21 participants

Iceland

Guðbjörg A Jónsdóttir (HI)

Norway

Adil Hasan (Sigma2)
Trond Kvamme (NSD)
Andreas Jaunsen (NeIC)

Denmark

A S Fink Kjeldgaard (DNA)
Henrik Jakobsen (DNA)
Troels Rasmussen (DeiC)

Netherlands

Bert Meermans (GFF)

Sweden

Birger Jerlehag (SND)
Iris Alfredsson (SND)
Monica Lassi (SNIC/LU)

Finland

Heikki Lehväslaiho (CSC)
Josefine Nordling (CSC)
Mari Elisa Kuusniemi (UHEL)
Mari Kleemola (UTA)
Pauli Assinen (UHEL)
Tuomas Aleterä (FSD)

Estonia

Liisi Lembinen (UTartu)

Latvia

Ilmars Slaidins (RTU)
Janis Kampars (RTU)
Lauris Cikovskis (RTU)



EOSC-Nordic WP4: FAIR data

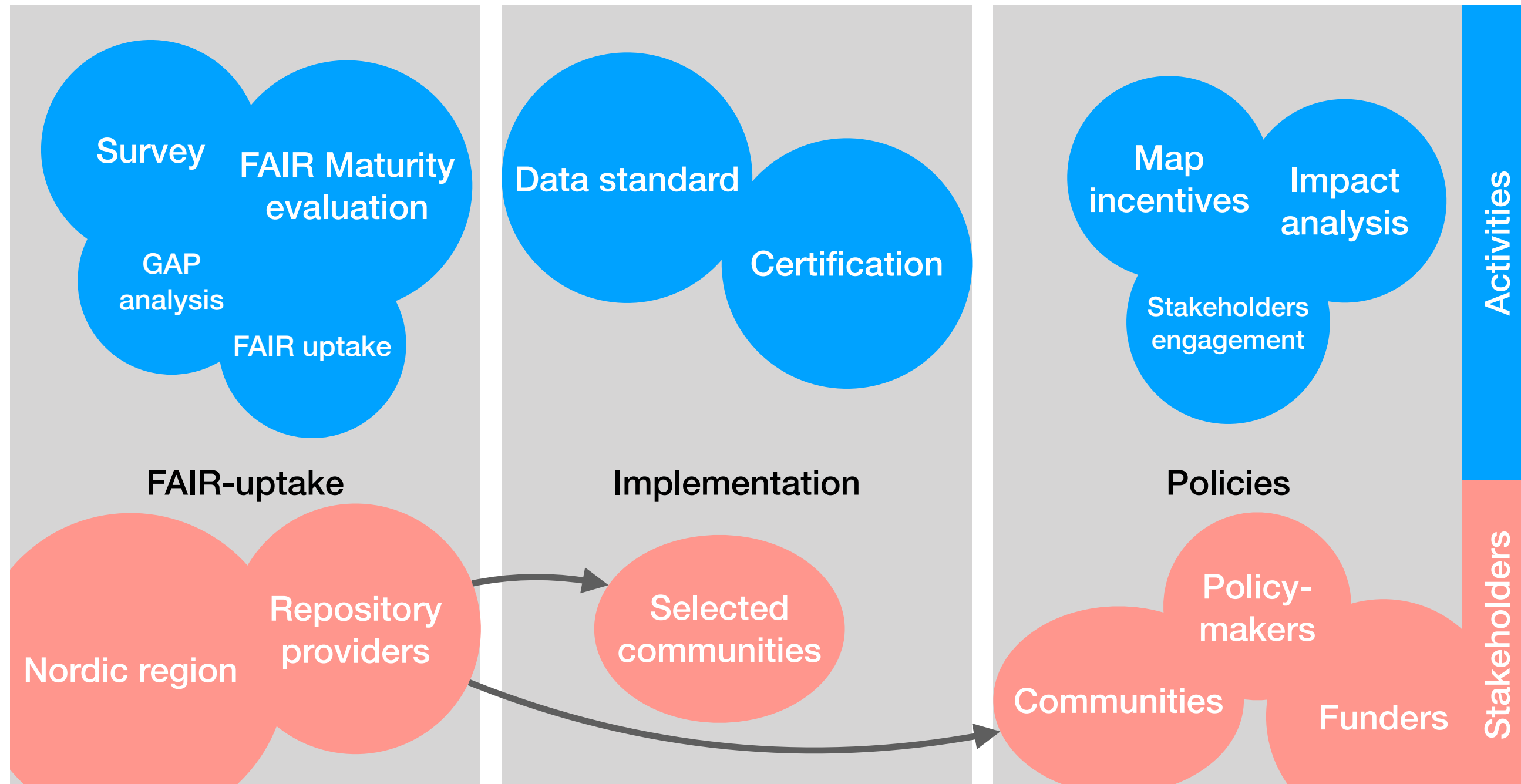


FAIR-uptake

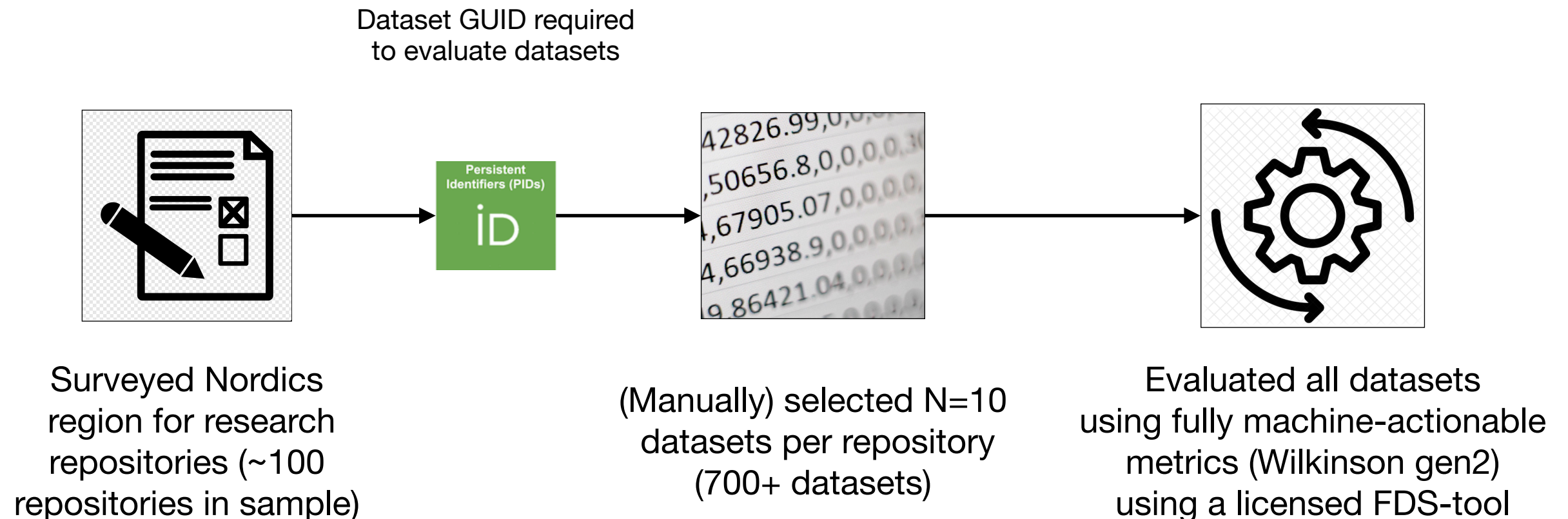
Implementation

Policies

EOSC-Nordic WP4: FAIR data



WP4 first year activities




Machine-actionable FAIR Maturity indicators

	Metric name	Principle association	Principle description
1	UNIQUE IDENTIFIER	F1	(Meta)data are assigned a globally unique and persistent identifier
2	IDENTIFIER PERSISTENCE	F1	(Meta)data are assigned a globally unique and persistent identifier
3	DATA IDENTIFIER PERSISTENCE	F1	(Meta)data are assigned a globally unique and persistent identifier
4	STRUCTURED METADATA	F2	Data are described with rich metadata (defined by R1 below)
5	GROUNDING METADATA	F2	Data are described with rich metadata (defined by R1 below)
6	DATA IDENTIFIER EXPLICITLY IN METADATA	F3	Metadata clearly and explicitly include the identifier of the data they describe
7	METADATA IDENTIFIER EXPLICITLY IN METADATA	F3	Metadata clearly and explicitly include the identifier of the data they describe
8	SEARCHABLE IN MAJOR SEARCH ENGINE	F4	(Meta)data are registered or indexed in a searchable resource
9	USES OPEN FREE PROTOCOL FOR DATA RETRIEVAL	A1.1	The protocol is open, free, and universally implementable
10	USES OPEN FREE PROTOCOL FOR METADATA RETRIEVAL	A1.1	The protocol is open, free, and universally implementable
11	DATA AUTHENTICATION AND AUTHORIZATION	A1.2	The protocol allows for an authentication and authorisation procedure, where necessary
12	METADATA AUTHENTICATION AND AUTHORIZATION	A1.2	The protocol allows for an authentication and authorisation procedure, where necessary
13	METADATA PERSISTENCE	A2	Metadata are accessible, even when the data are no longer available
14	METADATA KNOWLEDGE REPRESENTATION LANGUAGE (WEAK)	I1	(Meta)data use a formal, accessible, shared, and broadly applicable language for knowledge representation.
15	METADATA KNOWLEDGE REPRESENTATION LANGUAGE (STRONG)	I1	(Meta)data use a formal, accessible, shared, and broadly applicable language for knowledge representation.
16	DATA KNOWLEDGE REPRESENTATION LANGUAGE (WEAK)	I1	(Meta)data use a formal, accessible, shared, and broadly applicable language for knowledge representation.
17	DATA KNOWLEDGE REPRESENTATION LANGUAGE (STRONG)	I1	(Meta)data use a formal, accessible, shared, and broadly applicable language for knowledge representation.
18	METADATA USES FAIR VOCABULARIES (WEAK)	I2	(Meta)data use vocabularies that follow FAIR principles
19	METADATA USES FAIR VOCABULARIES (STRONG)	I2	(Meta)data use vocabularies that follow FAIR principles
20	METADATA CONTAINS QUALIFIED OUTWARD REFERENCES	I3	(Meta)data include qualified references to other (meta)data
21	METADATA INCLUDES LICENSE (STRONG)	R1.1	(Meta)data are released with a clear and accessible data usage license
22	METADATA INCLUDES LICENSE (WEAK)	R1.1	(Meta)data are released with a clear and accessible data usage license
		R1.2	(Meta)data are associated with detailed provenance
		R1.3	(Meta)data meet domain-relevant community standards

Community Health Workers and Mobile Technology: A Systematic Review of the Literature

Rebecca Braun  Caricia Catalani, Julian Wimbush, Dennis IsraelskiPublished: June 12, 2013 <https://doi.org/10.1371/journal.pone.0065772>

Article	Authors	Metrics	Comments	Media Coverage
				

Abstract

- Introduction
- Methods
- Results
- Discussion
- Supporting Information
- Acknowledgments
- Author Contributions
- References

- Reader Comments (0)
- Media Coverage (1)
- Figures

Abstract

Introduction

In low-resource settings, community health workers are frontline providers who shoulder the health service delivery burden. Increasingly, mobile technologies are developed, tested, and deployed with community health workers to facilitate tasks and improve outcomes. We reviewed the evidence for the use of mobile technology by community health workers to identify opportunities and challenges for strengthening health systems in resource-constrained settings.

Methods

We conducted a systematic review of peer-reviewed literature from health, medical, social science, and engineering databases, using PRISMA guidelines. We identified a total of 25 unique full-text research articles on community health workers and their use of mobile technology for the delivery of health services.

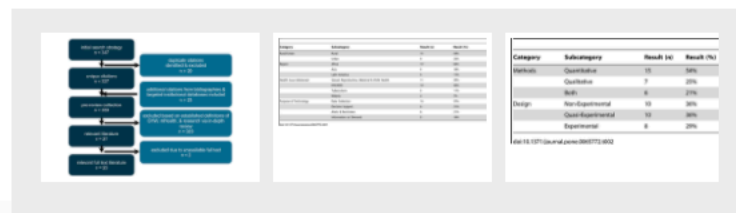
Results

Community health workers have used mobile tools to advance a broad range of health aims throughout the globe, particularly maternal and child health, HIV/AIDS, and sexual and reproductive health. Most commonly, community health workers use mobile technology to collect field-based health data, receive alerts and reminders, facilitate health education sessions, and conduct person-to-person communication. Programmatic efforts to strengthen health service delivery focus on improving adherence to standards and guidelines, community education and training, and programmatic leadership and management practices. Those studies that evaluated program outcomes provided some evidence that mobile tools help community health workers to improve the quality of care provided, efficiency of services, and capacity for program monitoring.

Discussion

Evidence suggests mobile technology presents promising opportunities to improve the range and quality of services provided by community health workers. Small-scale efforts, pilot projects, and preliminary descriptive studies are increasing, and there is a trend toward using feasible and acceptable interventions that lead to positive program outcomes through operational improvements and rigorous study designs. Programmatic and scientific gaps will need to be addressed by global leaders as they advance the use and assessment of mobile technology tools for community health workers.

Figures



Citation: Braun R, Catalani C, Wimbush J, Israelski D (2013) Community Health

472 Save	187 Citation
37,138 View	57 Share

Download PDF

Print Share

Check for updates

ADVERTISEMENT

Subject Areas

- Health education an...
- Health systems stre...
- Global health
- Health care policy
- Systematic reviews
- Child health
- Database searching
- Research design

Archived Tweets



18 Jun 2013

manuella dautan
@manuelladautan
RT @clarkmike: PLOOne: 'Community Health Workers and Mobile Technology: A Systematic Review of the Literature'
<http://t.co/akAZla3AKe>



18 Jun 2013

Mike Clark @clarkmike
PLOOne: 'Community Health Workers and Mobile Technology: A Systematic Review of the Literature'
<http://t.co/akAZla3AKe>

tech pH

18 Jun 2013

For Humans

For Machines

```
64
65 <meta name="citation_title" content="Community Health Workers and Mobile Technology:
66 <meta itemprop="name" content="Community Health Workers and Mobile Technology: A Sys
67 <meta name="citation_journal_title" content="PLOS ONE"/>
68 <meta name="citation_journal_abbrev" content="PLOS ONE"/>
69 <meta name="citation_date" content="Jun 12, 2013"/>
70 <meta name="citation_firstpage" content="e65772"/>
71 <meta name="citation_issue" content="6"/>
72 <meta name="citation_volume" content="8"/>
73 <meta name="citation_issn" content="1932-6203"/>
74 <meta name="citation_publisher" content="Public Library of Science"/>
75
76 <meta name="citation_pdf_url" content="https://journals.plos.org/plosone/article/f
77
78 <meta name="citation_article_type" content="Research Article">
79
80 <meta name="dc.identifier" content="10.1371/journal.pone.0065772" />
81
82
83 <meta name="twitter:card" content="summary" />
84 <meta name="twitter:site" content="@plosone"/>
85 <meta name="twitter:title" content="Community Health Workers and Mobile Technolo
86 <meta property="twitter:description" content="Introduction In low-resource setti
burden. Increasingly, mobile technologies are developed, tested, and deployed with c
the use of mobile technology by community health workers to identify opportunities a
conducted a systematic review of peer-reviewed literature from health, medical, soci
unique full-text research articles on community health workers and their use of mobi
mobile tools to advance a broad range of health aims throughout the globe, particula
community health workers use mobile technology to collect field-based health data, r
communication. Programmatic efforts to strengthen health service delivery focus on i
programmatic leadership and management practices. Those studies that evaluated progr
the quality of care provided, efficiency of services, and capacity for program monit
improve the range and quality of services provided by community health workers. Smal
is a trend toward using feasible and acceptable interventions that lead to positive
scientific gaps will need to be addressed by global leaders as they advance the use
<meta property="twitter:image" content="https://journals.plos.org/plosone/articl
87
88
89 <meta property="og:type" content="article" />
90 <meta property="og:url" content="https://journals.plos.org/plosone/article?id=10.137
91 <meta property="og:title" content="Community Health Workers and Mobile Technology: A
92 <meta property="og:description" content="Introduction In low-resource settings, comm
Increasingly, mobile technologies are developed, tested, and deployed with community
of mobile technology by community health workers to identify opportunities and chall
a systematic review of peer-reviewed literature from health, medical, social science
text research articles on community health workers and their use of mobile technolog
to advance a broad range of health aims throughout the globe, particularly maternal
workers use mobile technology to collect field-based health data, receive alerts and
Programmatic efforts to strengthen health service delivery focus on improving adhere
```


Test of: 10.1371/journal.pone.0065772

Thu, 27 Aug 2020 17:13:33 +0000



F Metrics

A Metrics

I Metrics

R Metrics

GUID: 10.1371/journal.pone.0065772

Date: Thu, 27 Aug 2020 17:13:33 +0000

Harvester Output

FAIR Metrics Gen2 - Data Identifier Explicitly In Metadata

FAIR Metrics Gen2 - Data Identifier Persistence

FAIR Metrics Gen2 - Grounded Metadata

FAIR Metrics Gen2 - Identifier Persistence

FAIR Metrics Gen2 - Searchable in major search engine

FAIR Metrics Gen2 - Structured Metadata

FAIR Metrics Gen2- Metadata Identifier Explicitly In Metadata

FAIR Metrics Gen2- Unique Identifier

F metrics

Date: Thu, 27 Aug 2020 17:13:33 +0000

Harvester Output

FAIR Metrics Gen2 - Data Identifier Explicitly In Metadata

FAIR Metrics Gen2 - Data Identifier Persistence

FAIR Metrics Gen2 - Grounded Metadata

FAIR Metrics Gen2 - Identifier Persistence

FAIR Metrics Gen2 - Searchable in major search engine

FAIR Metrics Gen2 - Structured Metadata

FAIR Metrics Gen2- Metadata Identifier Explicitly In Metadata

INFO: TEST VERSION 'Hvst-1.3.2:Tst-0.4.4'

INFO: Linked Data Found. Now searching for the metadata identifier using appropriate linked data predicates ([`"http://purl.org/dc/elements/1.1/identifier"`, `"https://purl.org/dc/elements/1.1/identifier"`, `"http://purl.org/dc/terms/identifier"`, `"http://schema.org/identifier"`, `"https://purl.org/dc/terms/identifier"`, `"https://schema.org/identifier"`]).

INFO: found identifier '10.1371/journal.pone.0065772' using

`http://purl.org/dc/terms/identifier` as a string or URI.

SUCCESS: the starting identifier (10.1371/journal.pone.0065772) was found in the structured metadata

FAIR Metrics Gen2- Unique Identifier

I metrics

FAIR Metrics Gen2 - Metadata Knowledge Representation Language (strong)

FAIR Metrics Gen2 - Metadata Knowledge Representation Language (weak)

FAIR Metrics Gen2 - Metadata contains qualified outward references)

INFO: TEST VERSION 'Hvst-1.3.2:Tst-0.2.3'

INFO: Linked data was found.

INFO: Testing `http://purl.org/ontology/bibo/Journal`.

INFO: Testing `http://xmlns.com/foaf/0.1/Person`.

INFO: Testing `doi:10.1371/journal.pone.0065772`.

INFO: Testing `info:doi/10.1371/journal.pone.0065772`.

INFO: Testing `http://id.crossref.org/issn/1932-6203`.

INFO: Testing `http://id.crossref.org/contributor/julian-wimbush-4yriu219udfg`.

INFO: Testing `http://id.crossref.org/contributor/caricia-catalani-4yriu219udfg`.

INFO: Testing `http://id.crossref.org/contributor/dennis-israelski-4yriu219udfg`.

INFO: Testing `http://id.crossref.org/contributor/rebecca-braun-4yriu219udfg`.

INFO: Testing `http://id.crossref.org/contributor/chris-bullen-4yriu219udfg`.

INFO: Testing `http://xmlns.com/foaf/0.1/Person`.

INFO: Testing `http://xmlns.com/foaf/0.1/Person`.

INFO: Testing `http://xmlns.com/foaf/0.1/Person`.

INFO: Testing `http://xmlns.com/foaf/0.1/Person`.

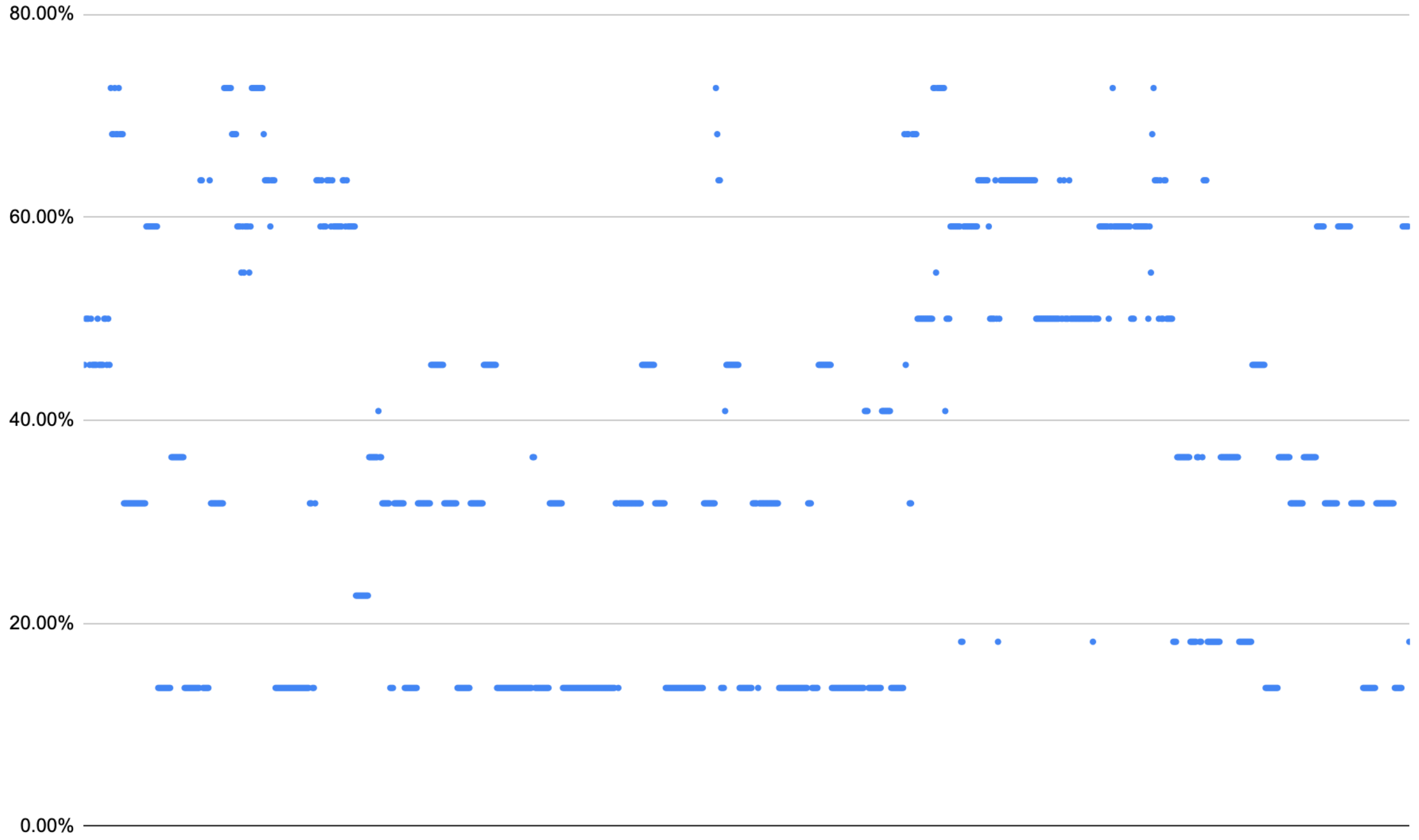
SUCCESS: 14 of the 14 triples discovered in the linked metadata pointed to resources hosted elsewhere.

FAIR Metrics Gen2 - Metadata uses FAIR vocabularies (strong)

FAIR Metrics Gen2 - Metadata uses FAIR vocabularies (weak)

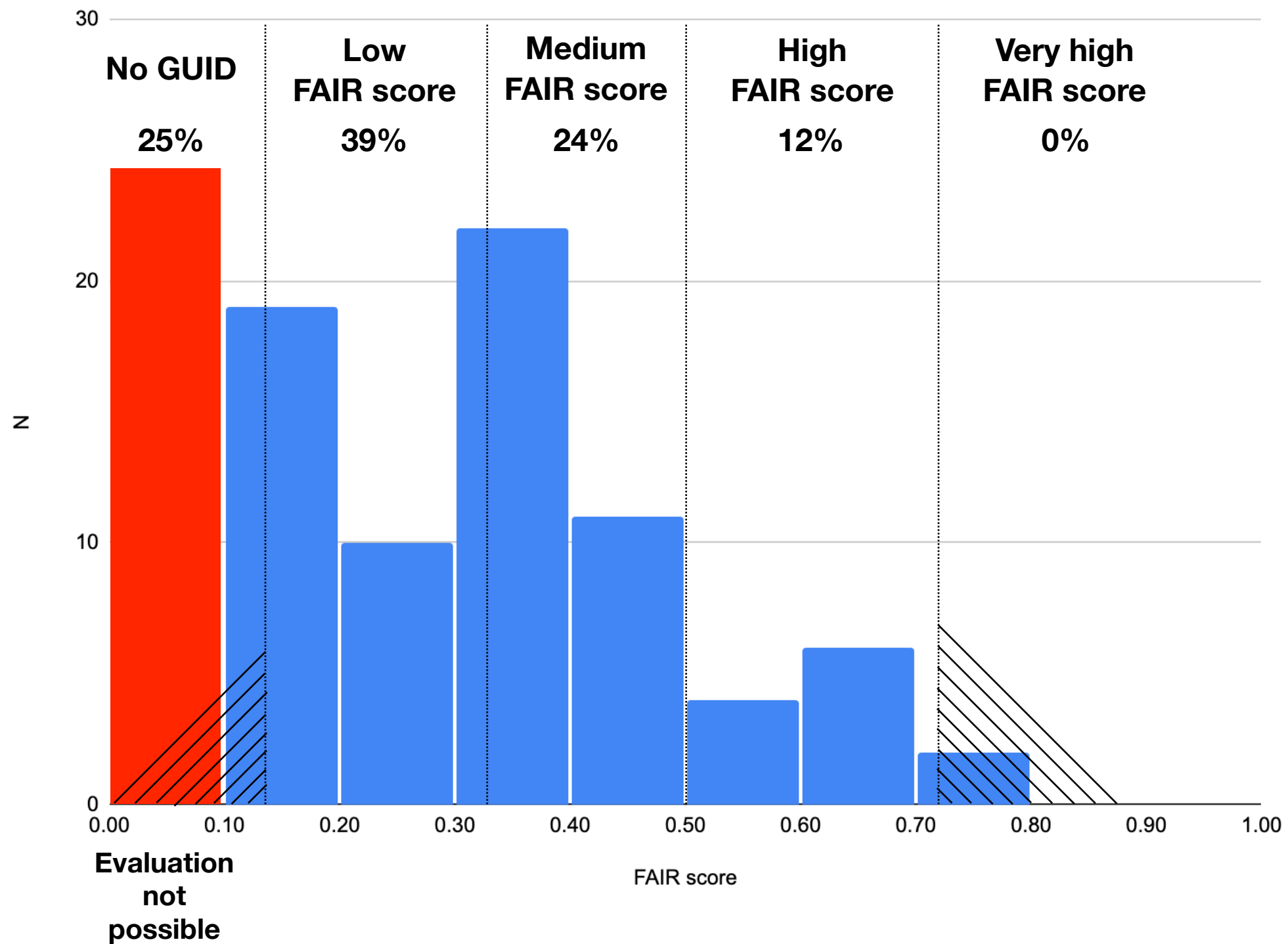
**Run evaluations for more than
1000 datasets with the help of
some clever Google scripts and
multiple workers (VMs)**

1018 DO evaluations (EP6, Jul 20, 2020)



FAIR uptake

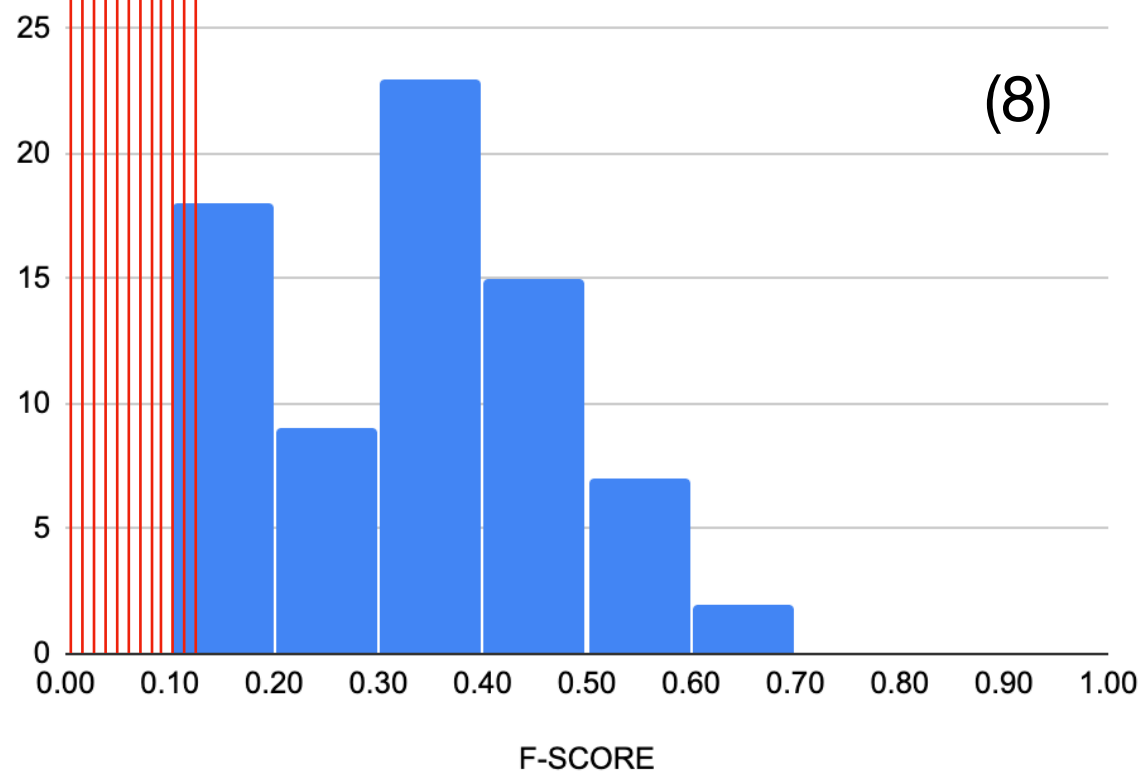
FAIR scores from 1018 PID+URI datasets



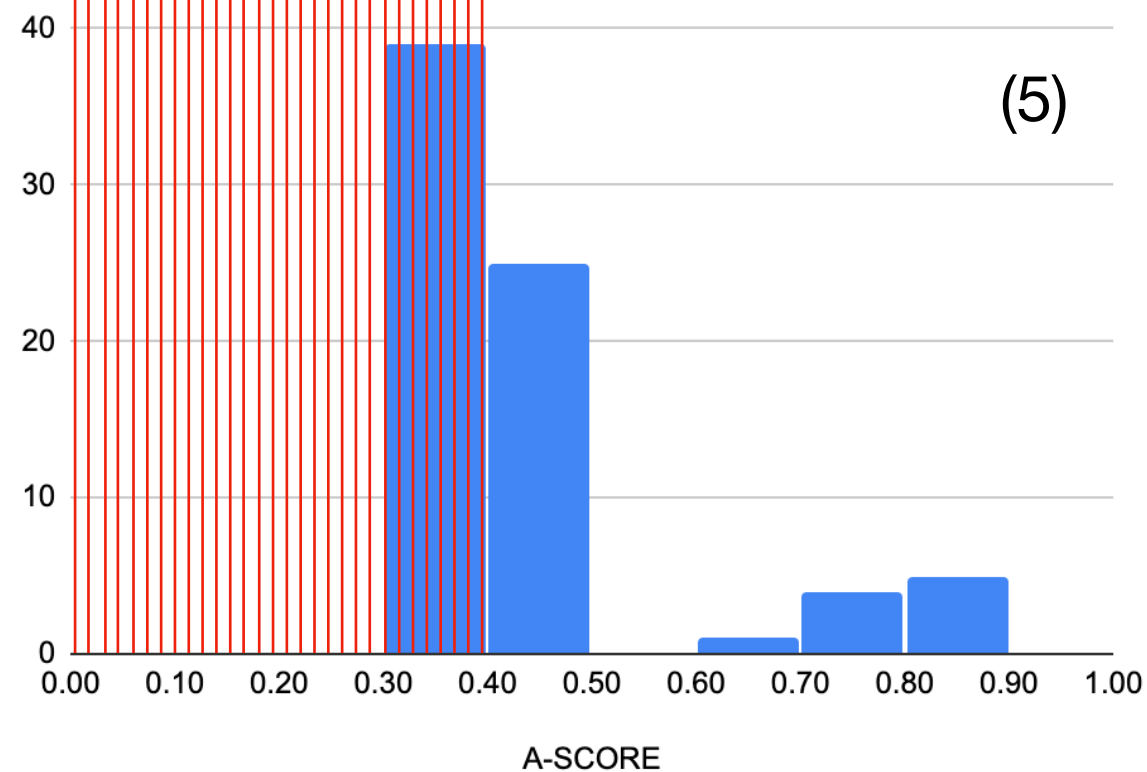
20 July 2020

98 repositories (74 evaluated)

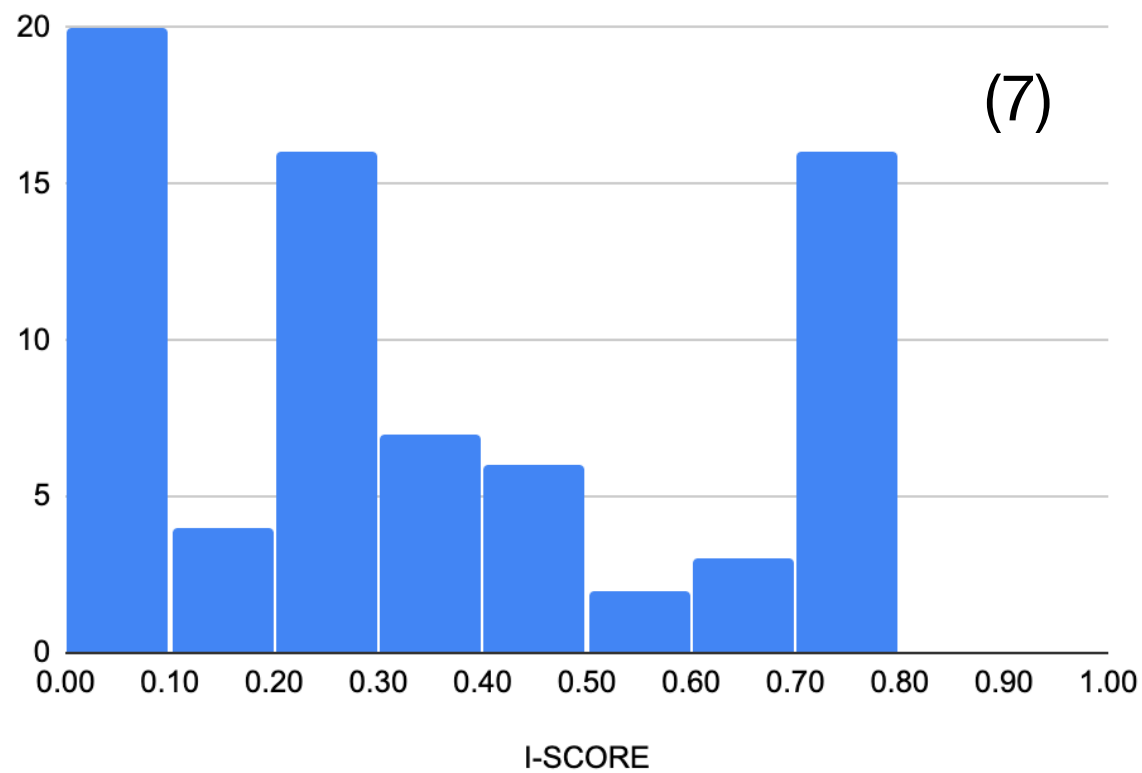
Histogram of F-SCORE



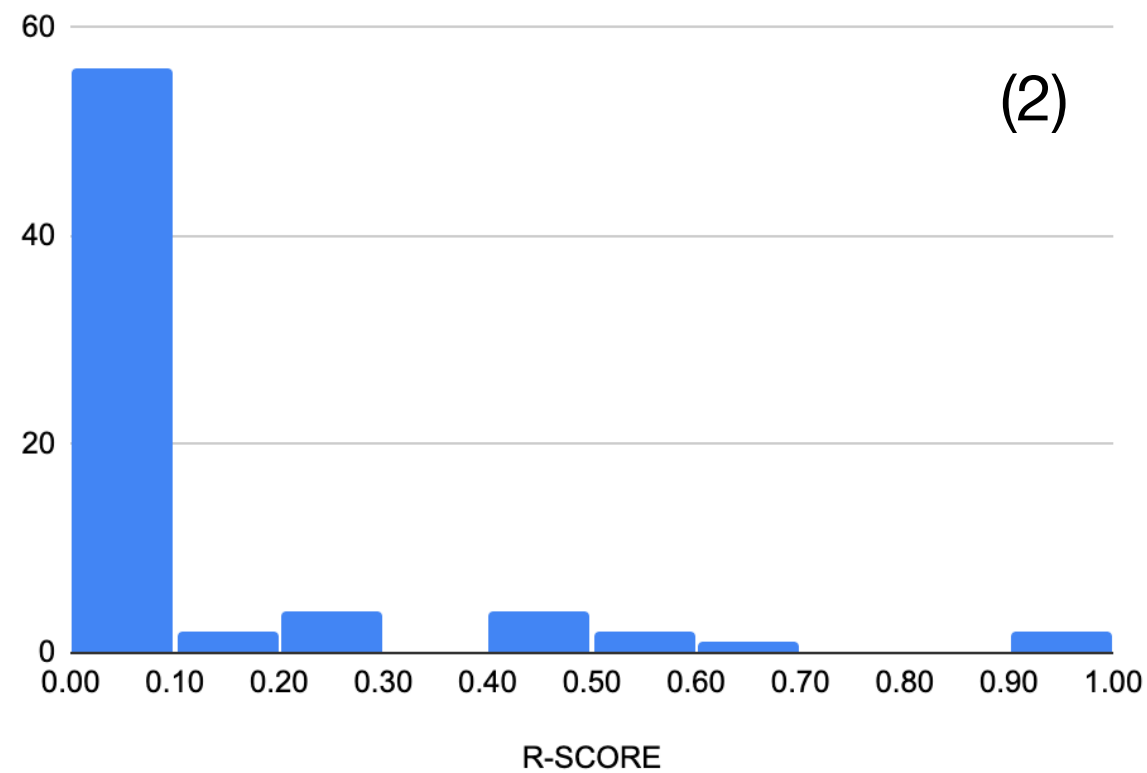
Histogram of A-SCORE



Histogram of I-SCORE

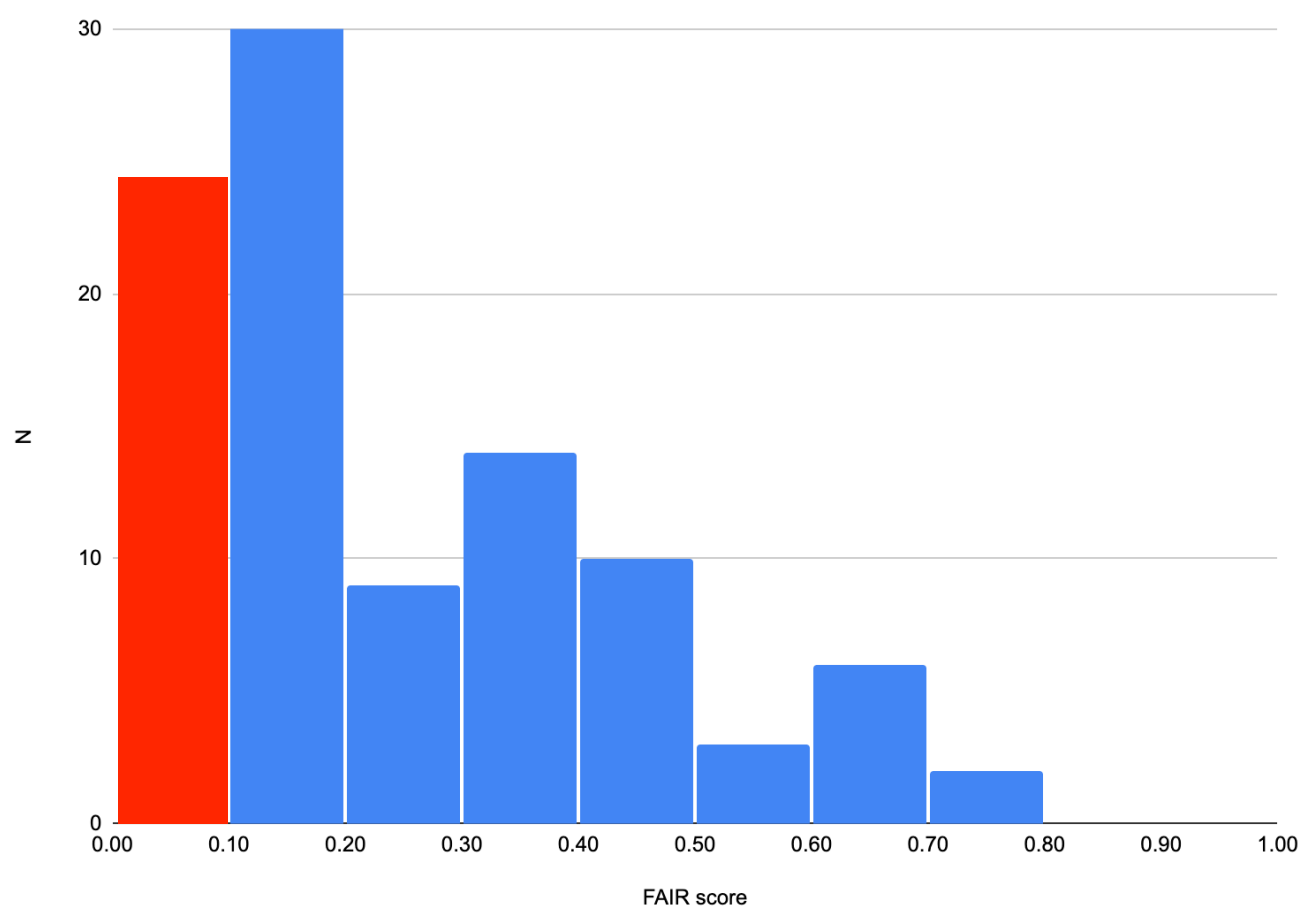


Histogram of R-SCORE

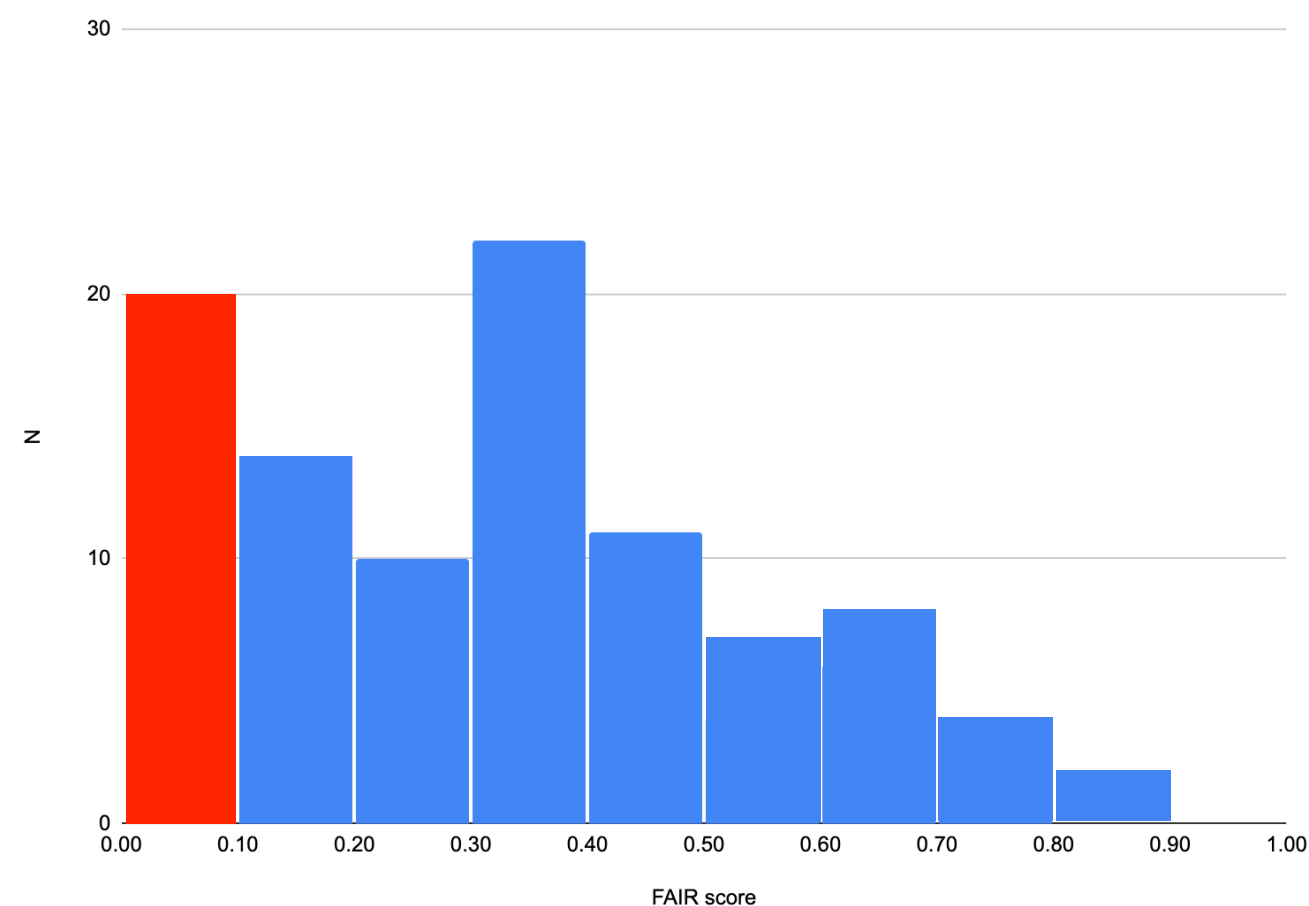


FAIR uptake (sim)

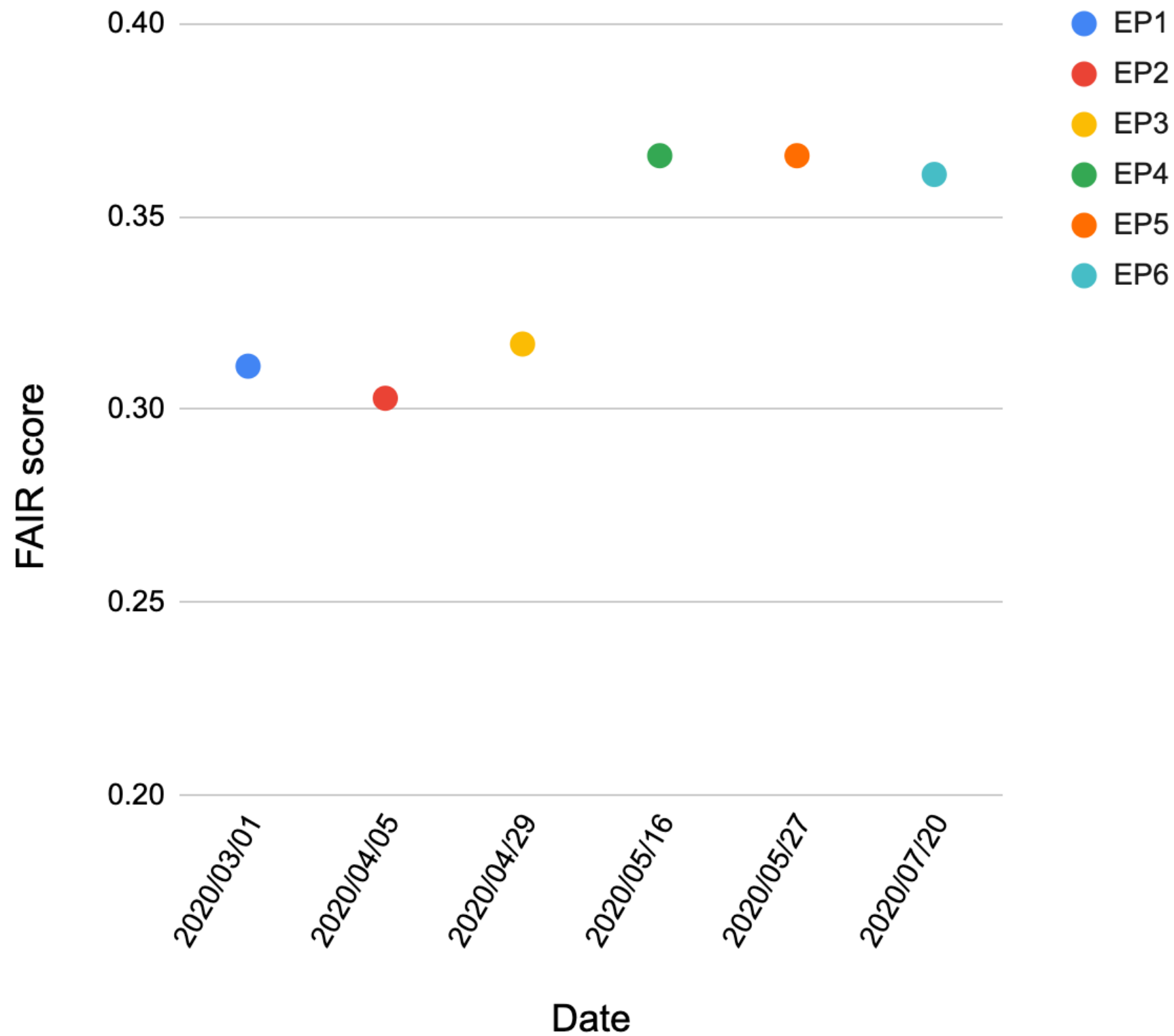
Epoch 3



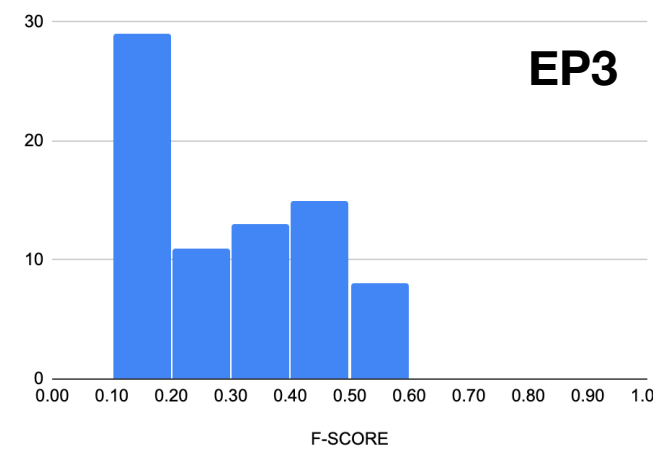
Epoch X



4876 DO evaluations

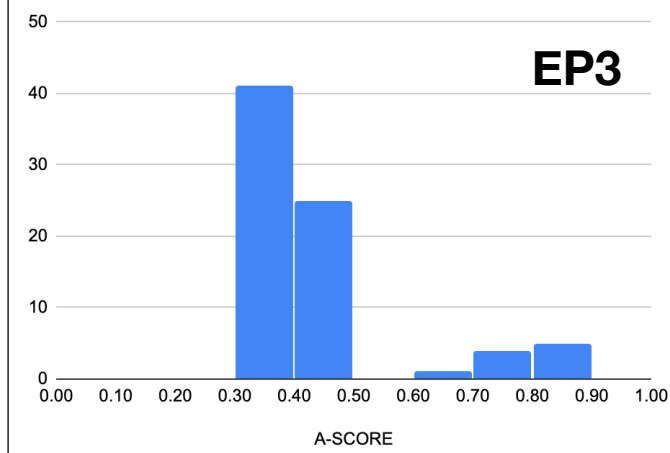


Histogram of F-SCORE



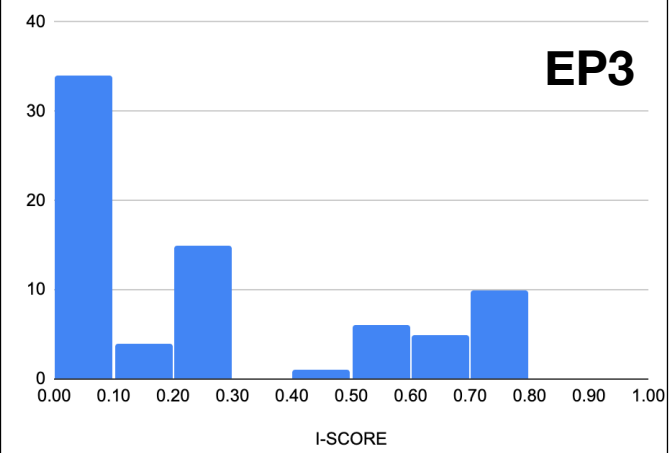
EP3

Histogram of A-SCORE



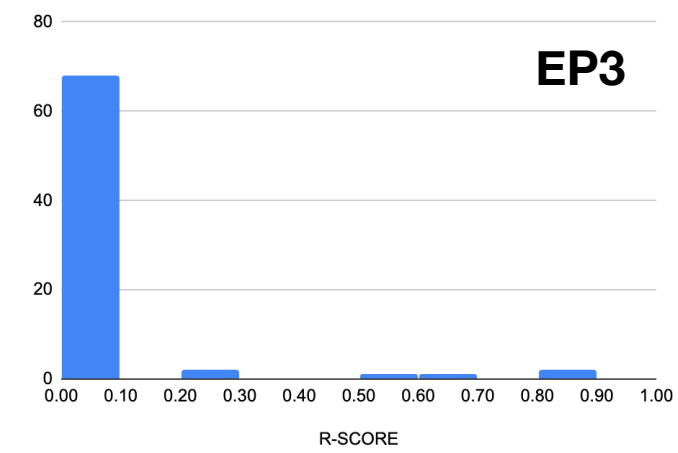
EP3

Histogram of I-SCORE



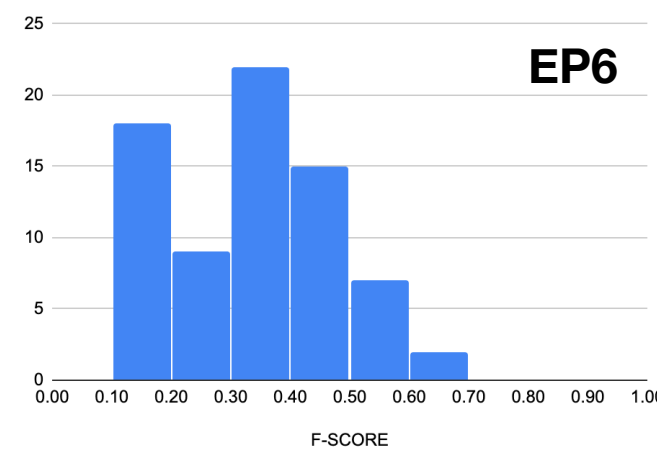
EP3

Histogram of R-SCORE



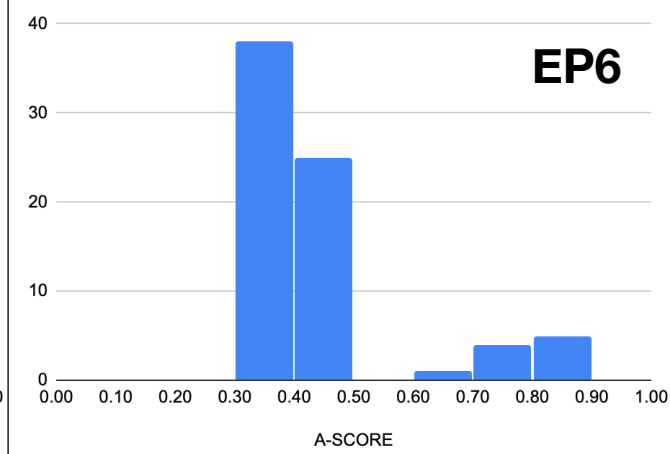
EP3

Histogram of F-SCORE



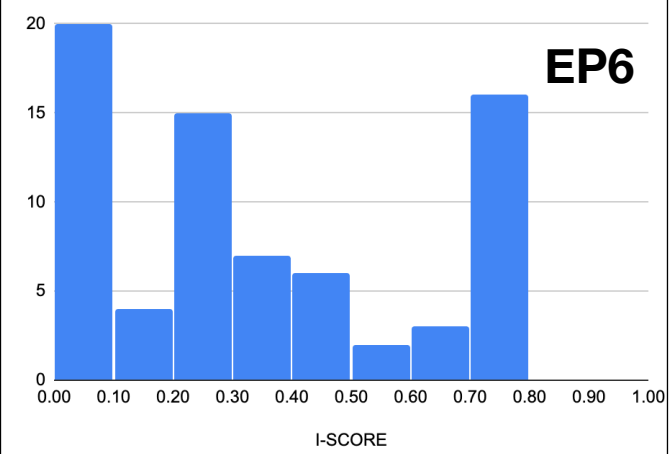
EP6

Histogram of A-SCORE



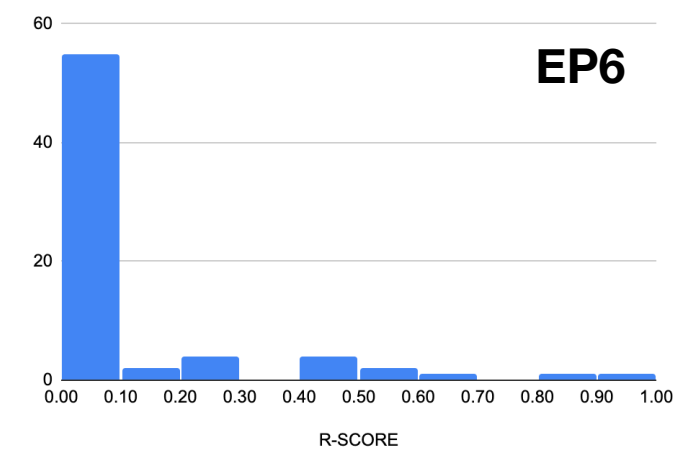
EP6

Histogram of I-SCORE



EP6

Histogram of R-SCORE



EP6

Repository evaluation results



repoID	Name	Data	Platform	F-score	A-score	I-score	R-score	FAIR	Sigma	Sigma (F)	Sigma (A)	Sigma (I)	Sigma (R)				
2	CLARIN-DK	40	Dspace	43.75%	40.00%	28.57%	0.00%	34.09%	0.016	0.063	0.000	0.000	0.000	X			X
3	DDA	20		43.75%	40.00%	71.43%	0.00%	47.73%	0.016	0.064	0.000	0.000	0.000				
4	Det Kgl. bibliotek	20		23.75%	44.00%	17.86%	12.50%	25.45%	0.127	0.202	0.123	0.317	0.319				
6	Kielipankki	10	META-SHARE	12.50%	40.00%	0.00%	0.00%	13.64%	0.000	0.000	0.000	0.000	0.000	X			X
7	Data Service Portal Aila	10		57.50%	80.00%	71.43%	100.00%	70.91%	0.016	0.065	0.000	0.000	0.000				
8	Fairdata IDA	10		12.50%	40.00%	0.00%	0.00%	13.64%	0.000	0.000	0.000	0.000	0.000				
9	NMBU dataverseNO	16	Dataverse	61.72%	80.00%	71.43%	0.00%	63.35%	0.008	0.031	0.000	0.000	0.000				
10	NSD	20	NESSTAR	28.75%	42.00%	28.57%	5.00%	29.55%	0.119	0.195	0.089	0.359	0.224	X			
11	HUNT Databank	10		12.50%	40.00%	0.00%	0.00%	13.64%	0.000	0.000	0.000	0.000	0.000				
13	CLARINO Bergen Center repos	20	Dspace	26.25%	40.00%	8.57%	0.00%	21.36%	0.047	0.134	0.000	0.134	0.000	X			X
16	Språkbanken	10		37.50%	40.00%	42.86%	0.00%	36.36%	0.000	0.000	0.000	0.000	0.000				
17	ESS Data	9		37.50%	40.00%	28.57%	0.00%	31.82%	0.000	0.000	0.000	0.000	0.000				
18	TROLLing	22	Dataverse	60.00%	80.00%	71.43%	0.00%	62.73%	0.013	0.051	0.000	0.000	0.000	X			
19	EED	10	Nesstar	12.50%	40.00%	0.00%	0.00%	13.64%	0.000	0.000	0.000	0.000	0.000				
20	UiT Open Research Data Data	20	Dataverse	58.13%	80.00%	71.43%	0.00%	62.05%	0.015	0.061	0.000	0.000	0.000				
24	Språkbanken	13		34.62%	40.00%	21.98%	0.00%	28.67%	0.034	0.055	0.000	0.125	0.000	X			X
25	Lund University Humanities	20		18.75%	40.00%	0.00%	0.00%	15.91%	0.016	0.064	0.000	0.000	0.000				
26	su.figshare.com	20	Figshare	57.50%	76.00%	70.00%	90.00%	68.64%	0.086	0.063	0.123	0.064	0.308				
27	SND	20		46.25%	40.00%	71.43%	0.00%	48.64%	0.015	0.059	0.000	0.000	0.000	X			
28	ICES data portals	8		37.50%	40.00%	28.57%	0.00%	31.82%	0.000	0.000	0.000	0.000	0.000				
29	JASPAR	10		12.50%	40.00%	0.00%	0.00%	13.64%	0.000	0.000	0.000	0.000	0.000				
30	STRING	10		12.50%	40.00%	0.00%	0.00%	13.64%	0.000	0.000	0.000	0.000	0.000				
32	GBIF	22	IPT	48.30%	40.00%	71.43%	100.00%	58.47%	0.011	0.044	0.000	0.000	0.000			X	
39	HPA	10		27.50%	40.00%	21.43%	30.00%	28.64%	0.160	0.242	0.000	0.345	0.483				
41	Fishbase	10		37.50%	40.00%	28.57%	0.00%	31.82%	0.000	0.000	0.000	0.000	0.000				
45	ISIG	10		12.50%	40.00%	0.00%	0.00%	13.64%	0.000	0.000	0.000	0.000	0.000				
47	GERDA	10		12.50%	40.00%	0.00%	0.00%	13.64%	0.000	0.000	0.000	0.000	0.000				
49	ACTRIS	8		34.38%	40.00%	39.29%	25.00%	36.36%	0.153	0.186	0.000	0.356	0.463				
52	NPDC	20		31.88%	42.00%	35.71%	50.00%	37.05%	0.167	0.201	0.089	0.366	0.513				
54	Bolin Centre Database	12		43.75%	40.00%	71.43%	0.00%	47.73%	0.016	0.065	0.000	0.000	0.000				
55	SMHI open data	10		37.50%	40.00%	71.43%	0.00%	45.45%	0.000	0.000	0.000	0.000	0.000				
57	NIRD Archive	20		33.75%	40.00%	35.00%	0.00%	32.50%	0.099	0.186	0.000	0.348	0.000				
60	GTN-P Database	10		12.50%	40.00%	0.00%	0.00%	13.64%	0.000	0.000	0.000	0.000	0.000				
62	UNITE	20		33.13%	40.00%	35.71%	15.00%	33.86%	0.140	0.216	0.000	0.366	0.366				
63	Estonian Biocentre Public Data	10		35.00%	40.00%	25.71%	0.00%	30.00%	0.030	0.079	0.000	0.090	0.000				
64	DataDOI	18		43.06%	40.00%	47.62%	0.00%	39.90%	0.057	0.064	0.000	0.219	0.000				
65	CELR META-SHARE	20		43.75%	40.00%	50.00%	0.00%	40.91%	0.057	0.064	0.000	0.220	0.000	X			X
66	AHEAD	10		12.50%	40.00%	0.00%	0.00%	13.64%	0.000	0.000	0.000	0.000	0.000				
68	USN RDA	10	Figshare	61.25%	80.00%	71.43%	100.00%	72.27%	0.010	0.040	0.000	0.000	0.000				
71	LOAR	19		42.11%	40.00%	47.37%	47.37%	43.78%	0.144	0.095	0.000	0.243	0.513				
72	AIDA Data Hub	20		47.37%	40.00%	63.91%	89.47%	54.78%	0.099	0.079	0.000	0.225	0.315				
73	QoG Institute's data	10		41.25%	40.00%	41.43%	0.00%	37.27%	0.054	0.060	0.000	0.207	0.000				
76	JYX	20		31.25%	40.00%	14.29%	0.00%	25.00%	0.040	0.064	0.000	0.147	0.000				
78	B2SHARE	12	Invenio	29.17%	40.00%	29.76%	41.67%	32.95%	0.165	0.187	0.000	0.368	0.515				
79	DH	10		25.00%	40.00%	14.29%	0.00%	22.73%	0.000	0.000	0.000	0.000	0.000				
80	NLL	10		50.00%	80.00%	71.43%	0.00%	59.09%	0.000	0.000	0.000	0.000	0.000				
84	RTU RIS	10		37.50%	40.00%	71.43%	0.00%	45.45%	0.000	0.000	0.000	0.000	0.000				
85	FinBIF	10		37.50%	40.00%	71.43%	0.00%	45.45%	0.000	0.000	0.000	0.000	0.000				
87	SARV	10		37.50%	40.00%	28.57%	0.00%	31.82%	0.000	0.000	0.000	0.000	0.000				
92	SSRI	15		42.50%	40.00%	54.29%	40.00%	45.45%	0.133	0.063	0.000	0.145	0.507				
94	IINH	10		29.17%	40.00%	19.05%	0.00%	25.76%	0.047	0.125	0.000	0.143	0.000				
100	QsarDB	20		31.25%	40.00%	35.71%	45.00%	35.91%	0.164	0.192	0.000	0.366	0.510				
104	Bird	20		43.75%	40.00%	37.14%	20.00%	38.64%	0.113	0.064	0.000	0.176	0.410				
106	Migration Institute of Finland	10		37.50%	40.00%	28.57%	0.00%	31.82%	0.000	0.000	0.000	0.000	0.000				
108	Musiikkiarkisto	4	CKAN	59.38%	80.00%	71.43%	50.00%	67.05%	0.145	0.063	0.000	0.000	0.000				
109	SLS	14		37.50%	40.00%	28.57%	0.00%	31.82%	0.000	0.000	0.000	0.000	0.000				
113	SweFreq	10		12.50%	40.00%	0.00%	0.00%	13.64%	0.000	0.000	0.000	0.000	0.000				
114	Metabolic Atlas	10		37.50%	40.00%	71.43%	0.00%	45.45%	0.000	0.000	0.000	0.000	0.000				
115	SEAD	10		12.50%	40.00%	0.00%	0.00%	13.64%	0.000	0.000	0.000	0.000	0.000				
116	NOW	10		12.50%	40.00%	0.00%	0.00%	13.64%	0.000	0.000	0.000	0.000	0.000				
117	SNM Digital Assets	10		12.50%	40.00%	0.00%	0.00%	13.64%	0.000	0.000	0.000	0.000	0.000				
120	GEUS	10		20.00%	40.00%	8.57%	0.00%	19.09%	0.046	0.121	0.000	0.138	0.000				
123	LARM	10		12.50%	40.00%	0.00%	0.00%	13.64%	0.000	0.000	0.000	0.000	0.000				
127	Garamantas	10		37.50%	40.00%	28.57%	0.00%	31.82%	0.000	0.000	0.000	0.000	0.000				
129	MMB	10		12.50%	40.00%	0.00%	0.00%	13.64%	0.000	0.000	0.000	0.000	0.000				
130	PlutoF	20		35.00%	40.00%	35.71%	30.00%	35.91%	0.160	0.235	0.000	0.366	0.470				
131	MIDAS	10		12.50%	40.00%	0.00%	0.00%	13.64%	0.000	0.000	0.000	0.000	0.000				
132	NMDC	20	Dataverse	57.50%	80.00%	71.43%	0.00%	61.82%	0.016	0.063	0.000	0.000	0.000				
133	IINH BIOTA	10		38.75%	40.00%	42.86%	0.00%	36.82%	0.010	0.040	0.000	0.000	0.000				
134	ICOS	20		43.75%	40.00%	57.14%	0.00%	43.18%	0.016	0.064	0.000	0.000	0.000				
135	CESSDA DC	14		23.21%	40.00%	20.41%	0.00%	24.03%	0.005	0.176	0.000	0.335	0.000				
136	DTU data	10	figshare	46.25%	68.00%	62.86%	70.00%	58.64%	0.139	0.060	0.193	0.181	0.483				
137	CLARIN IS	20	CLARIN	43.75%	40.00%	28.57%	0.00%	34.09%	0.016	0.064	0.000	0.000	0.000				



FAIR Certification

- Selection of 'suitable' repositories
(somewhat mature repositories based on scores)
- Adopting FAIR + CTS (recommendation from FAIRsFAIR)
- FAIR Certification webinar (3 September) to offer support:
 - Self-assessments
 - Guidance
- Requires commitment; mainly effort by repository



Recently started and coming tasks



Events to
support community
FAIRification process



Certification support for
repositories that
wish to go this route



FAIR data standards
and semantic
attributes



FAIR incentives
and stakeholder
liaising

The End

FAIR Digital Objects

