

FRAMEWORK OF THE EVALUATION OF FAIR TOOLS

Key Group 1: Online Survey-Based Self-Assessment									
Attributes									
Tool Names	Input Type	Target Object	Level of Tool's Usability	Level of Understanding Question	Level of Understanding Output	Problem to fix	User's Experience	Recomm-end to others	Testing Time (mins)
FAIR Data Self-Assessment Tool	Multiple choice	Datasets	Easy	Medium	Easy	Yes	Good	No	10
FAIR data Self-Assessment Tool	Multiple choice	Datasets	Easy	Easy	Easy	No	Best	Yes	11.37
FAIR-Aware	Radio	People's knowledge	Easy	Easy	Easy	No	Best	Yes	14.73
FAIRdat	Radio, Input box	Datasets	Easy	Easy	Easy	Yes	Good	No	9.36
FairDataBR	Multiple choice, Radio	Datasets	Easy	Medium	Medium	Yes	Good	No	12.56
NFDI4Culture FAIR-Check	Multiple choice	Datasets	Easy	Easy	Easy	No	Good	No	14.28
SATIFYD	Multiple choice	Datasets	Easy	Easy	Easy	No	Best	Yes	10.98

Key Group 2: Online Semi-Automated									
Attributes									
Tool Names	Input Type	Target Object	Level of Tool's Usability	Level of Understanding Question	Level of Understanding Output	Problem to fix	User's Experience	Recomm-end to others	Testing Time (mins)
FAIRshake	Multiple choice	All digital objects	Tough	Hard	Hard	No	Bad	No	20.73

Key Group 3: Online Automated									
Attributes									
Tool Names	Input Type	Target Object	Level of Tool's Usability	Level of Understanding Question	Level of Understanding Output	Problem to fix	User's Experience	Recomm-end to others	Testing Time (mins)
F-UJI	PID/URL	Dataset	Easy	Easy	Easy	No	Best	Yes	8.98
FAIR EVA	DOI/PID	All digital Object, Dataset	Tough	Medium	Easy	Yes	NA	Partial	76.91
FAIR Evaluator	URL , GUID	All digital Object	Tough	Medium	Medium	No	NA	Partial	48.48
FAIR enough	URL, Digital objects	All digital Object	Easy	Easy	Easy	No	Best	Yes	1.78
FAIR-Checker	URL/DOI	All digital Object	Easy	Easy	Easy	No	Best	Yes	27.7
FOOPS!	URI	Terminology artifacts	Easy	Easy	Easy	Yes	Good	No	0.29
HowFAIRis	Software install	Software	Medium	Easy	Medium	Yes	Good	Partial	10.16
O'FAIRe	Resource	Terminology artifacts	Medium	Medium	Medium	No	NA	Partial	20
OpenAIRE Validator - FAIR assessment	Repository	All digital objects	Medium	Medium	Medium	Yes	NA	Partial	10.68

Key Group 4: Offline Self-Assessment									
Attributes									
Tool Names	Input type	Target Object	Level of Tool's Usability	Level of Understanding Question	Level of Understanding Output	Problem to fix	User's Experience	Recommend to others	Testing Time (mins)
Do I-PASS for FAIR	Multiple choice, comments	Organization	Easy	Medium	Easy	No	Good	Partial	22.05
FAIRness self-assessment grids	Input '1'	All digital objects	Easy	Hard	Medium	No	Medium	Yes	49.76

Key Group 5: Other types									
Attributes									
Tool Names	Input Type	Target Object	Level of Tool's Usability	Level of Understanding Question	Level of Understanding Output	Problem to fix	User's Experience	Recomm-end to others	Testing Time (mins)
Data Stewardship Wizard	Web Questionnaires	All digital objects	Tough	Medium	Easy	No	NA	Yes	49
TRIPLE Training Toolkit	Manual questionnaire, Manual checklist,	All digital objects	Medium	Medium	Easy	No	NA	Yes	60.16
FAIRplus	Manual checklist	All digital objects	Easy	Medium	Easy	No	Medium	Yes	15.36