The Quality Performance Framework of FAIR Tools

1.

Quality of Online Self-Assessment Survey based tool									
Tool Names	Adaptability (Extensibility)	Degree of maturity	Qualitative/Quantitative result	State (Developed/under-developed)	Focused on which Principle	FAIR strategy (Assessment / Improvement)	Effort cost of using tool	Evaluation grade (good/better /best)	FAIR Improvement scope
FAIR Data Self-Assessment Tool	No	Yes	Not Both (Green Bar)	Developed	F, A, I	Assessment	Low	Good	Understand about FAIR
FAIR data Self-Assessment Tool	No	Yes	Quantitative with green bar	Developed	F, A, I	Assessment	Low	Better	Knowledge enhancement
FAIR-Aware	No	Yes	Quantitative	Developed	F, A, I, R	Assessment	Low	Best	knowledge about the FAIR principle
FAIRdat	No	No	star	Developed	F, A, I	Assessment	Low	Good	Understand about FAIR
FairDataBR	No	No	Quantitative with a pie bar	Developed	F, A, I, R	Assessment	Low	Good	Examine whether data is fair or not.
NFDI4Culture FAIR-Check	No	No	NA	Developed	F, A, I, R	Assessment	Medium	Better	Understand about FAIR
SATIFYD	No	Yes	Quantitative	Developed	F, A, I, R	Assessment	Low	Best	Knowledge and check FAIR data

2.

Quality of Online Semi-Automated based tool									
Tool Names	Adaptability (Extensibility)	Degree of maturity	Qualitative/Quantitative result	State (Developed/under-developed)	Focused on which Principle	FAIR strategy (Assessment / Improvement)	Effort cost of using tool	Evaluation grade (good/better /best)	FAIR Improvement scope
FAIRshake	Yes	No	Colored Rubric	Developed	F, A, I, R	Assessment	High	Good	No

3.

Quality of Online Automated based tool									
Tool Names	Adaptability (Extensibility)	Degree of maturity	Qualitative/Quantitative result	State (Developed/under-developed)	Focused on which Principle	FAIR strategy (Assessment / Improvement)	Effort cost of using tool	Evaluation grade (good/better /best)	FAIR Improvement scope
F-UJI	Yes	Yes	Quantitative with pie bar and explanation	Under Developed	F, A, I, R	Improvement	Low	Best	Yes(standard or bespoke and machine-readability of license)
FAIR EVA (Evaluator, Validator & Advisor)	Yes	No	Quantitative with Pie and BAR chart also explanation	Developed	F, A, I, R	Improvement	Low	Good	Yes for easy integration
FAIR Evaluator	No	No	Qualitative with no of run tests	Developed	F, A, I, R	Improvement	Medium	Good	Yes (Web transport protocols, file formats and other standards and policies that are, otherwise, dispersed on the Web)
FAIR enough	No	Yes	Quantitative with evaluation score and explanation	Developed	F, A, I, R	Improvement	Low	Better	Yes (some other classification models)
FAIR-Checker	No	Yes	Quantitative with Radar chart and explanation	Under Developed	F, A, I, R	Improvement	Low	Best	Yes (public Knowledge Graphs)
FOOPS!	No	No	Quantitative with description	Under Developed	F, A, I, R	Improvement	Low	Good	Yes
HowFAIRIs	Yes	Yes	Qualitative with dots	Under Developed	F, A, I, R	Improvement	Medium	Good	Yes
O'FAIRe	No	No	Quantitative with Radar chart and explanation	Developed	F, A, I, R	Assessment and Improvement	Medium	Better	Yes (clustering techniques)
OpenAIRE Validator - FAIR assessment	No	Yes	Quantitative	Developed	F, A, I, R	Assessment and Improvement	Medium	Better	Yes

4.

Quality of offline Self-Assessment survey-based tool									
Tool Names	Adaptability (Extensibility)	Degree of maturity	Qualitative/Quantitative result	State (Developed/under-developed)	Focused on which Principle	FAIR strategy (Assessment / Improvement)	Effort cost of using tool	Evaluation grade (good/better /best)	FAIR Improvement scope
Do I-PASS for FAIR	No	No	Qualitative	Developed	F, A, I, R	Assessment	Medium	Good	No
FAIRness self-assessment grids	No	No	Quantitative	Developed	F, A, I, R	Assessment	Medium	Good	No

5.

Quality of Other tool types									
Tool Names	Adaptability (Extensibility)	Degree of maturity	Qualitative/Quantitative result	State (Developed/under-developed)	Focused on which Principle	FAIR strategy (Assessment / Improvement)	Effort cost of using tool	Evaluation grade (good/better /best)	FAIR Improvement scope
Data Stewardship Wizard	No	Yes	NA	Developed	F, A, I, R	Assessment and improvement	Medium	Good	No
TRIPLE Training Toolkit	No	No	NA	Developed	F, A, I, R	Assessment and improvement	Medium	Good	No
FAIRplus	No	No	Quantitative	Developed	F, A, I, R	Assessment	Medium	Better	No