

Scientist Name / Project Name, Date	To enable the automatic count, Put in the bold circled boxes : "1" corresponding to Yes if the indicator is SATISFIED "0" corresponding to No if the indicator is NOT SATISFIED "NA" if the indicator is considered as NON APPLICABLE "?" if the indicator is NOT UNDERSTANDABLE or if you have any clue to respond	Applied	is the indicator reachable ?
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Essential / Recommended / Desirable

1) FINDABLE (8 essential criteria / total of 12 criteria)

Indexed identifier? (F01_E)			
Identification	Are each data/dataset identified by an indexed and independant identifier?	<input type="text"/>	E <input type="text"/>
Unique, global, persistent identifier? (F02_E)			
Identification	Are the data identifiers unique, global and persistent?	<input type="text"/>	E <input type="text"/>
Identifier scheme? (F03_E)			
Identification	Has any identifying schema been used for data (e.g., DOI)?	<input type="text"/>	E <input type="text"/>
Persistent metadata & data link? (F04_E)			
Metadata traceability	Are the metadata linked to the dataset through a persistent identifier?	<input type="text"/>	E <input type="text"/>
Persistent metadata & authority link? (F05_E)			
Metadata traceability	Are the metadata of each dataset linked to a unique authority (responsible for the datasets at a given time)?	<input type="text"/>	E <input type="text"/>
Persistent datasets & authority link? (F06_E)			
Metadata traceability	Are all datasets linked to an authority over time (legal entity, e.g., institution, association or established body) through a unique and persistent identifier?	<input type="text"/>	E <input type="text"/>
Standards / dictionary for data description? (F07_E)			
Metadata description and searchability	Choose the question corresponding to your case: If standards exist, has the researcher used valid and updated standards for data description AND are the data standards approved by community- or appropriate authorities? If no standards exist, has the researcher created a well described community-approved data dictionary?	<input type="text"/>	E <input type="text"/>
Search keywords? (F08_R)			
Metadata description and searchability	Does the researcher use community-approved well-described search keywords from a controlled vocabulary / thesaurus / ontology?	<input type="text"/>	R <input type="text"/>
Metadata semantic validator? (F09_R)			
Metadata description and searchability	Does the researcher use a semantic validator for metadata (recommended by standardisation authorities or community-approved)?	<input type="text"/>	R <input type="text"/>
Data format / type description? (F10_E)			
Metadata description and searchability	Are the types and formats of data generated / collected well described as recommended by the community or by standardisation authorities?	<input type="text"/>	E <input type="text"/>
Versioning system? (F11_R)			
Metadata description and searchability	Does the researcher use a community-approved well described versioning system (for a proper tracking of versions)?	<input type="text"/>	R <input type="text"/>
Metadata format validator? (F12_R)			
Metadata description and searchability	Does the researcher use any community approved / appropriate metadata format validator recommended by standardisation	<input type="text"/>	R <input type="text"/>
Scoring result / FINDABILITY:		0/12	0/12

2) ACCESSIBLE (3 essential criteria / total of 11 criteria)

Data storage in repositories? (A01_E)			
Repository	Does the researcher use data repositories for the storage of data?	<input type="text"/>	E <input type="text"/>
Repository with quality criteria? (A02_R)			
Repository	Does the researcher choose a repository with quality criteria displayed by repository authorities?	<input type="text"/>	R <input type="text"/>
Repository with guidelines for quality standards? (A03_D)			
Repository	Do the chosen repositories use guidelines for quality standards?	<input type="text"/>	D <input type="text"/>
Efficient and rich services for various uses & users? (A04_E)			
Data security and services	Does the researcher use efficient and rich services to access data (various formats, visualisations, practical tools and systems adapted to different types of use and users)?	<input type="text"/>	E <input type="text"/>
Quality of description for integrity of data? (A05_R)			
Data security and services	Are well described and community-approved criteria / standards used for assessing the integrity of data (e.g., data veracity, data consistency during expected time / space / sampling...)?	<input type="text"/>	R <input type="text"/>
Quality of migration tools for data access? (A06_R)			
Data security and services	Regarding data availability, does the researcher make the necessary provisions as to the migration of tools for continuous and persistent access by the authorized users?	<input type="text"/>	R <input type="text"/>
Quality of information for data reproducibility? (A07_R)			
Data security and services	If applicable, regarding data reproducibility (experimental and/or modeling data), does the researcher provide all the necessary information to ensure good reproducibility of data including the functioning of the tools, operating systems for continuous and persistent processes?	<input type="text"/>	R <input type="text"/>
Quality of backup processes? (A08_R)			
Data security and services	Regarding data preservation, is the quality of backup and migration processes on the long term sufficient?	<input type="text"/>	R <input type="text"/>
Data access restriction justification? (A09_E)			
Access restrictions	In case of a non legal restricted access, is the restriction properly justified by the researcher?	<input type="text"/>	E <input type="text"/>
Level of security for sensitive data access? (A10_R)			
Access restrictions	legislation or by the community?	<input type="text"/>	R <input type="text"/>
Sharing beyond legal restrictions? (A11_R)			
Access restrictions	Are the reasons for not sharing datasets always based on legal / regulatory rules?	<input type="text"/>	R <input type="text"/>
Scoring result / ACCESSIBILITY:		0/11	0/11

3) INTEROPERABLE (2 essential criteria / total of 5 criteria)

Standard vocabularies, thesaurus, ontologies or data dictionary? (I01_E)			
Interoperable	Are standard vocabularies, thesaurus or ontologies used for all data types present in datasets, to enable interdisciplinary interoperability between well defined domains?	<input type="text"/>	E <input type="text"/>
Description of interoperability criteria? (I02_E)			

Interoperable			E	
Are the interoperability criteria explained?				
Quality of data models? (I03_R)	Interoperable		R	
Are well-described and community-approved data models used?				
Quality level of access for datasets description? (I04_R)	Interoperable		R	
Is there a high level and easy access description of the datasets available on the Web? (e.g., as a data paper, landing page...)				
File naming conventions? (I05_R)	Interoperable		R	
Have community-approved well described naming conventions been used for the files?				
Scoring result / INTEROPERABILITY:		0/5		0/5

4) REUSABLE (5 essential criteria / total of 17 criteria)

Relevant actions for data reuse potential? (R01_E)			E	
Data potential				
Which relevant actions have been undertaken by the researcher to enhance the data reuse potential?				
Open formats and open source software? (R02_R)	Data potential		R	
Has the researcher favored open formats and open source software, particularly for purposes of reuse; if not, does he/she use standard or well documented and shared formats within the community? If the researcher use proprietary format, does he/she propose tools to facilitate the translation of the data in open format?				
Description of potential users and needs? (R03_R)	Data potential		R	
Are the data/software potential users identified and their needs well described?				
Description of potential reuse for each user? (R04_R)	Data potential		R	
Is the data/software reuse potential identified and well described with defined objectives for specific types of users?				
Evidence of reuse? (R05_D)	Data potential		D	
Have the datasets been reused (evidenced by a citation, acknowledgement or else)?				
Provenance for raw and derived data? (R06_E)	Data traceability		E	
Are the provenance and type of all data properly specified (origin of raw, primary, derived, secondary..)?				
Description of data processing steps? (R07_R)	Data traceability		R	
Is each step of data processing well described and traceable?				
Description of data curation protocol? (R08_R)	Data enhancement		R	
Has the researcher documented an intelligible, well described community-approved data curation protocol including the curation journal that track changes for each dataset?				
Description of data enrichment / requalification processes? (R09_R)	Data enhancement		R	
Does the researcher have any reliable / community approved data enrichment / requalification processes to increase reusability with several standards / thesaurus / ontologies?				
Description of data quality assurance processes? (R10_D)	Data enhancement		D	
Are the data quality assurance processes well described and community-approved?				
Description of methods and tools that permit long term integrity and understandability of data? (R11_E)	Reusability tools		E	
Does the researcher provide information on methods and tools that permit the understanding, integrity, value and readability of data intended to be kept on the long-term? (e.g., versioning, archival and long term reuse issue for protocols, softwares, required methods and contexts to create, read and understand data)				
Description of time range (R12_R)	Reusability tools		R	
If relevant, is the time range for which the data remain re-usable specified?				
Data operating tools and their documentation (R13_R)	Reusability tools		R	
If relevant, are all data operating tools and the associated documentation needed to access and reuse the data included? (methods, instruments measurement, software, survey, analysis, observation, compilation, simulation, etc.).				
Quality standards for enriched data? (R14_D)	Reusability tools		D	
Does the researcher provide quality standards where appropriate on enriched data for reuse?				
Data sharing arrangements meeting data ethics and protection requirements? (R15_E)	Reusability right		E	
Do the data reuse control and data sharing arrangements meet the data protection and "local/national ethics requirements?				
Justification of legal reuse restriction? (R16_E)	Reusability right		E	
In case of a legal reuse restriction (such as personal data, state and public security, national defense secret, confidentiality of external relations, information systems security, secrets in industrial and commercial matters) , is the restriction properly justified?				
Quality of licenses / rules for large reuse? (R17_R)	Reusability right		R	
When possible, does the researcher specify community-approved licenses or rules (free, shared and well documented) that allow a large data reuse?				
Scoring result / REUSABILITY:		0/17		0/17

TOTAL SCORE for FAIR extensive criteria evaluation:	0/45	0/45
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