Supplementary File 1: Analysis Codebook

Reasons for lack of DMP

Name	Description	References
Still in development	Projects that do not have a DMP because they are still in the process of developing it.	7
Lack of resources	Projects that do not have a DMP because they lack resources to develop one.	7
No need for DMP	Projects that have no requirement for a DMP, because they do not have relevant data.	6
None given	Projects that did not state a reason for not having a DMP.	5
No use for DMP	Projects that do not use a DMP as they have alternative documents in place.	4
No historical need	Projects that did not have a requirement to develop a DMP when they started, and are not in a position to do so now.	4
Scale is prohibitive	Projects that use separate documents due to the scale an overarching DMP would require.	1
Part of another project	Projects that are covered by the DMP of a parent project.	1

Alternative forms of DMD

Name	Description	References
Data collected on external platform	Citizen collected data is hosted on other platforms.	8
Informal Procedures	Data procedures are in place but not formally documented.	6
Data publicly available	Data is available on project websites or public portals.	4
Privacy Policy	Project privacy policy covers data procedures.	3
Documentation for participants	Specific documentation for participants explains data procedures.	3
Informal documentation	Data processing is described in other, unrelated documents.	2
Licencing agreement	Participants have the option to licence their data for reuse.	1

Data Management Plans

Name	Description	Files	References
Costs	References to costs of or required resources for data processing (primarily storage)	11	23
Data processing			
Acquisition	References to what data is collected and how	18	128
Analysis	References to the use of data for analysis	10	24
Publication	References to data being made publically available, both during project lifetime and after completion	17	95
Storage	References to how and where data is stored, including security measures, and who has access	18	194
Data quality	References to steps projects take to assure data quality	12	45
DMP meta information	Contextual information about the DMP itself (such as versioning or goals), or the wider project as it concerns the DMP.	15	47
Ethics	References to considerations of research ethics	8	27
Impact or Results	References to the (intended) results of projects' data use	11	26
Licensing	References to licensing and ownership of data	13	52
Metadata	References to the collection, format, and use of metadata	18	118
Personal data	References to any processing of personal data, including anonymisation and pseudonymisation of such data	15	92
Consent	Specific references to the participants' consent	11	25
Stakeholders	References to the many stakeholders involved with or affected by the projects. This includes external stakeholders and different types of citizen scientists.	13	49