

Supplementary Files

Research questions:

- Question: What is the type of data considered? Answer: data; data commons; clinical data; Individual Participant; Individual patient-level data.
- Question: What is the source of the data? Answer: clinical trial; trials.
- Question: What is the target population? Answer: children; pediatric; patients.
- Question: What is the research object? Answer: platform*; repositor*; archiv*; dataset; infrastructure.
- Question: What is the approach to data management? Answer: data reuse; sharing; data-sharing; data sharing; storage; storing.

Google search keywords list

Data, clinical trials, trials, initiative, network, pediatric, repositor*.

Table S1: Research strings

Number	Search string
1	(((((data[Title/Abstract]) AND (repositor*[Title/Abstract])) AND (archiv*[Title/Abstract])) AND (clinical[Title/Abstract])) AND (dataset[Title/Abstract])) AND (infrastructure[Title/Abstract]) Filters: in the last 10 years, English Sort by:
2	((Data sharing[Title/Abstract] OR Data-sharing[Title/Abstract]) AND (repositor*[Title/Abstract])) AND (data[Title/Abstract]) Filters: in the last 10 years, English
3	((archiv*[Title/Abstract]) AND (sharing[Title/Abstract])) AND (data[Title/Abstract]) AND (storage[Title/Abstract]) Filters: in the last 10 years, English
4	(((((clinical data[Title/Abstract]) AND (platform[Title/Abstract])) AND (reuse[Title/Abstract])) AND (individual participant data[Title/Abstract])) AND (data-sharing[Title/Abstract])) AND (data reuse[Title/Abstract])
5	(((((data[Title/Abstract]) AND (database[Title/Abstract])) AND (archiv*[Title/Abstract])) AND (repositor*[Title/Abstract])) AND (dataset*[Title/Abstract]) Filters: in the last 10 years, English

6	((((Data commons[Title/Abstract]) AND (data[Title/Abstract])) AND (sharing[Title/Abstract])) AND (dataset[Title/Abstract])) AND (clinical data[Title/Abstract]) Filters: in the last 10 years, English
7	((((Data[Title/Abstract]) AND (data-sharing[Title/Abstract])) AND (platform[Title/Abstract]) OR (repositor*[Title/Abstract])) AND (clinical trial[Title/Abstract])) Filters: in the last 10 years, English
8	(((((Pediatric[Title/Abstract]) AND (patient[Title/Abstract])) AND (data commons[Title/Abstract])) AND (Children[Title/Abstract])) AND (platform[Title/Abstract])) AND (data-sharing[Title/Abstract]) Filters: in the last 10 years, English
9	((((Data commons[Title/Abstract]) AND (storing[Title/Abstract])) AND (sharing[Title/Abstract])) AND (clinical data[Title/Abstract])) AND (patients[Title/Abstract]) Filters: in the last 10 years, English
10	((((Database[Title/Abstract]) AND (clinical trials[Title/Abstract])) AND (patients[Title/Abstract])) AND (Individual patient-level data[Title/Abstract]) Filters: in the last 10 years, English

Figure S1: Flow diagram for the selection of articles from literature

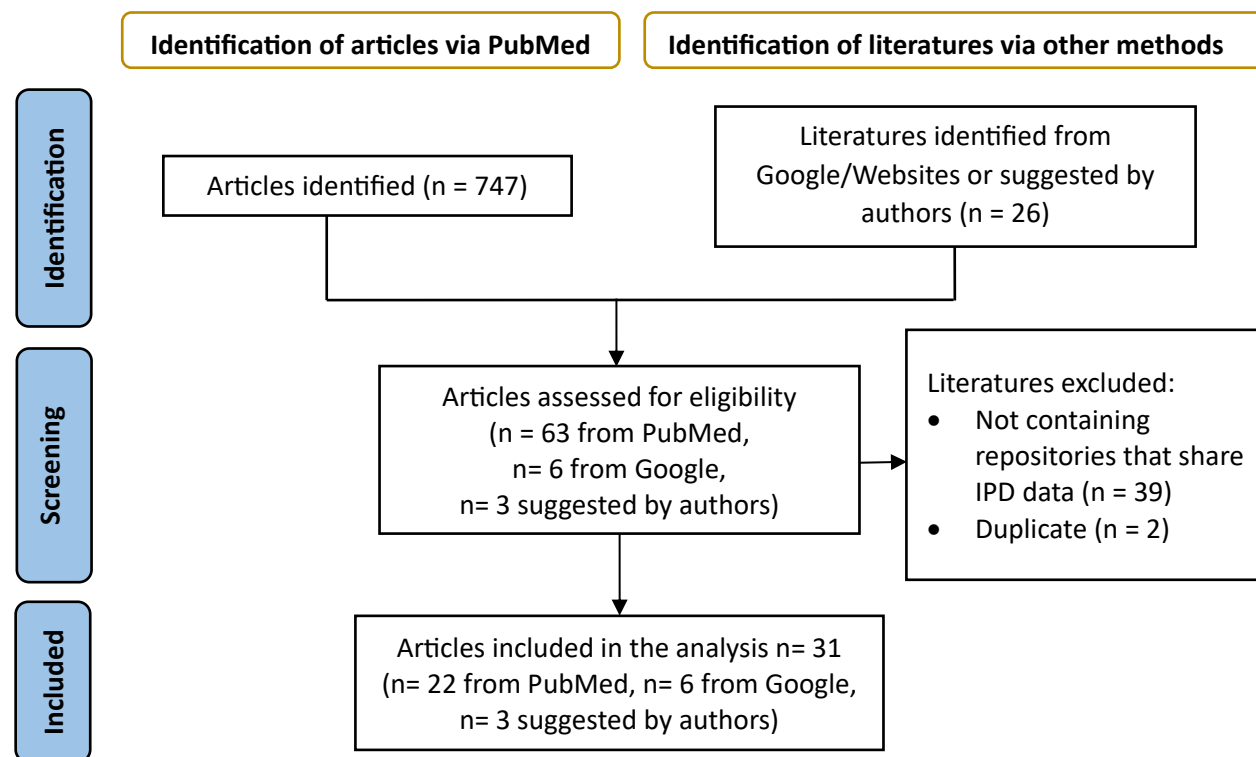


Table S2: List of initiatives and sources from which DSRs have been identified

N	Initiative name	Source
1	BioCelerate (TransCelerate)	Suggested by the authors
2	BioLINCC	PubMed
3	ClinicalStudyDataRequest (CSDR)	PubMed
4	Dryad Digital Repository	PubMed
5	European Genome-phenome Archive (EGA)	PubMed

6	Health Data Research Innovation Gateway	Suggested by the authors
7	Infectious Diseases Data Observatory (IDDO)	PubMed
8	Immunology Database and Analysis Portal (ImmPort)	PubMed
9	Immune Tolerance Network (ITN) TrialShare	Suggested by the authors
10	Laboratory of Neuroimaging Image & Data Archive (IDA)	PubMed
11	National Institute on Drug Abuse (NIDA)	Google
12	National Institute of Diabetes and Digestive and kidney Diseases (NIDDK) Central Repository	PubMed
13	National Sleep Research Resource (NSRR)	PubMed
14	Pediatric Cancer Data Commons (PCDC)	PubMed
15	Paediatric Trials Network (PTN)	Google
16	Project Data Sphere (PDS)	PubMed
17	Rare Disease Cures Accelerator – Data Analytical Platform (RDCA-DAP)	PubMed
18	The National Cancer Institute's Genomic Data Commons (GDC)	PubMed
19	The National Institute of Mental Health Data Archive (NIMH)	PubMed
20	Vivli	PubMed
21	YODA project	PubMed