

Trouver et réutiliser des données de recherche

Pourquoi réutiliser des données ?

Gagner du temps en évitant de collecter/produire des données

Élargir l'objet de la recherche

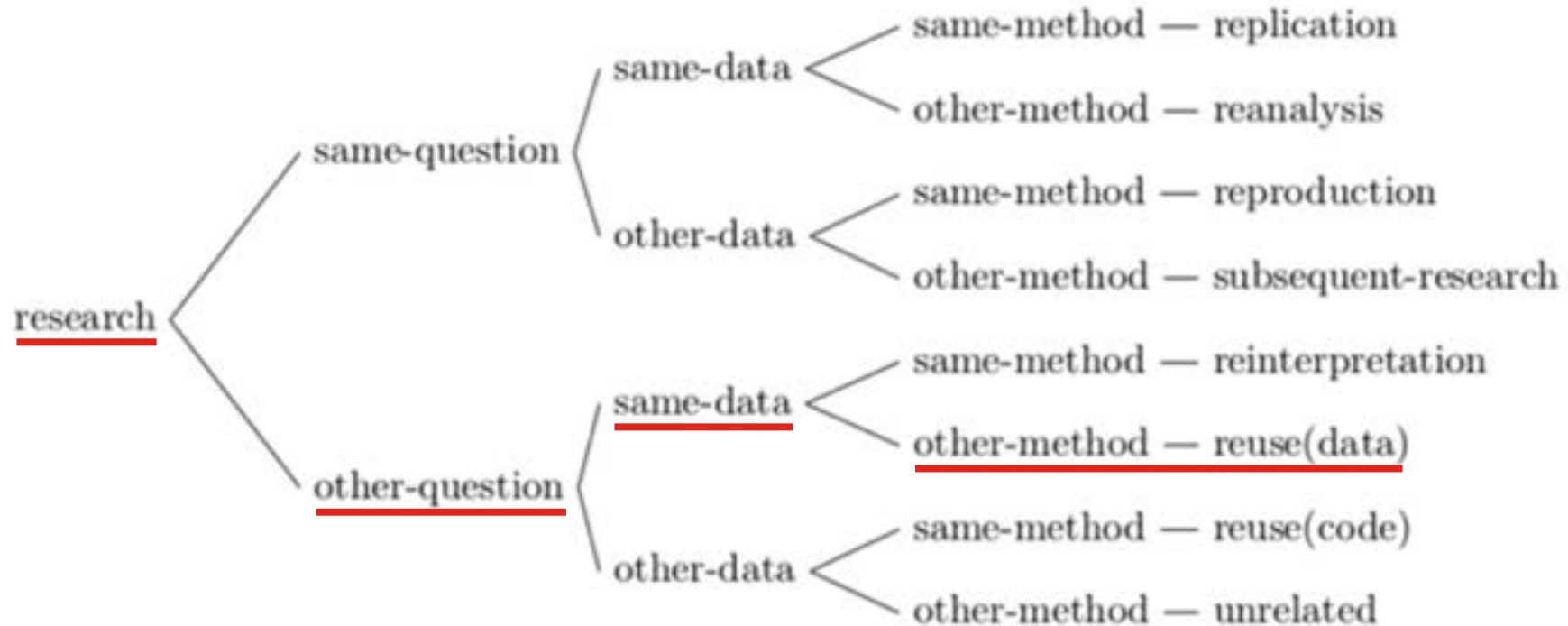
Faire une méta-analyse

Source d'inspiration, par exemple pour effectuer d'autres mesures

Données uniques qui ne peuvent être collectées qu'une seule fois

Exemples de matériel pour l'enseignement

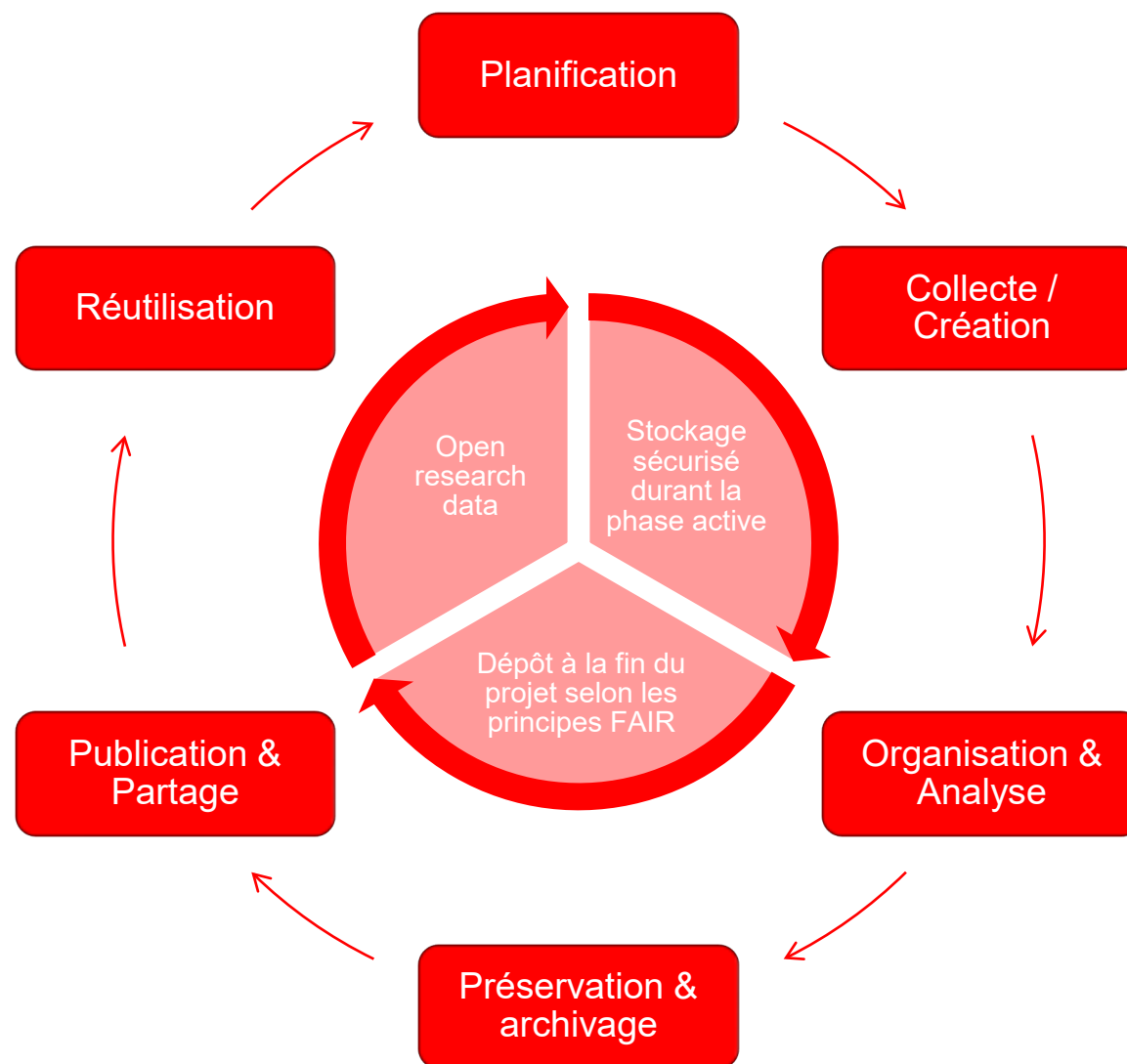
Réutiliser, qu'est-ce que c'est ?



Des données de qualité inégale

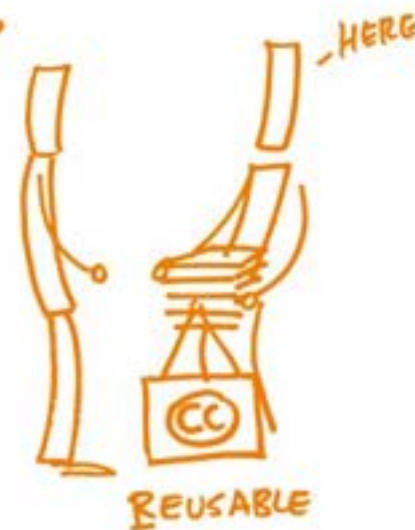
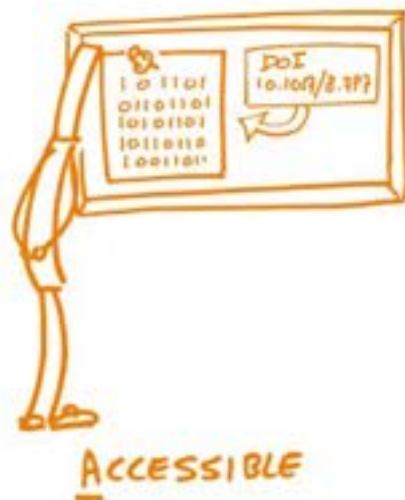


Gérer ses données de recherche



Choisir un dépôt selon les principes FAIR

FAIR DATA PRINCIPLES



Principes FAIR : augmenter le potentiel des données

Attribuer un identifiant pérenne

Décrire les données avec
des métadonnées

Gérer de façon pérenne l'accès
aux données

Restriction si nécessaire

Facile à
trouver

Accessible

Utiliser des formats
ouverts

Utiliser un vocabulaire
partagé et/ou contrôlé

Standards communs

Interopérable

Réutilisable

Toujours associées
à leur source

Licence d'utilisation
appropriée

Trouver des données et du matériel de recherche



Data Journal

Publie des *data paper* (ou *data article*) : publication scientifique, soumise à la validation des pairs, dont le but principal est de décrire un ou plusieurs jeux de données, afin de permettre leur réutilisation

Dataset of service life data for 100 building elements and technical systems including their descriptive statistics and fitting to lognormal distribution

[Kyriaki Goulouti](#)^a, [Didier Favre](#)^a, [Morgane Giorgi](#)^a, [Pierryves Padey](#)^a, [Alina Galimshina](#)^b, [Guillaume Habert](#)^b, [Sébastien Lasvaux](#)^a  

Show more 

+ Add to Mendeley  Share  Cite

<https://doi.org/10.1016/j.dib.2021.107062>

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 open access

Refers to

[Uncertainty of building elements' service lives in building LCA & LCC: What matters?](#)

Building and Environment, Volume 183, October 2020, Pages 106904

Kyriaki Goulouti, Pierryves Padey, Alina Galimshina, Guillaume Habert, Sébastien Lasvaux

 [View PDF](#)

Abstract

This article presents the descriptive statistics of service life data of building elements, gathered through an international, European and Swiss literature review of LCA, LCC and other sources called "Real-Estate Management sources" that include building owners, banks, insurances, associations of tenants and owners, etc. Furthermore, the properties of the fitted lognormal distribution are given. The data are structured, using a hybrid decomposition (functional decomposition, according to the eBKP-H – SN506511 and material decomposition, as well). These data and the derived statistical distributions were used in a research study, in order to quantify the uncertainty and sensitivity of the LCA and LCC output, due to the variability of the building elements' service lives.



Data Journal / Data Paper

[Forschungsdaten.org](https://www.forschungsdaten.org)

Kindling, M., & Strecker, D., 2022.

List of data journals (1.0) [Data set].

Zenodo

<https://doi.org/10.5281/zenodo.7082126>

Mise à jour sur GitHub

[Data papers – Software papers :](#)

[plus de 100 revues pour en publier](#)

The screenshot shows the homepage of the journal 'Data in Brief'. At the top, there is a red header with the journal title 'Data in Brief' and 'Open access'. Below this, there are two boxes showing metrics: '3.1 CiteScore' and '1.2 Impact Factor'. A navigation bar includes a 'Menu' button, a search icon, and links for 'Submit your article' and 'Guide for authors'. The main content area features an 'About the journal' section with a link to 'FAQs Data in Brief' and a description of the journal's focus on multidisciplinary, open access, peer-reviewed data articles. Below this is a link to 'View full aims & scope'. The footer of the page displays the 'RMetS' logo (Royal Meteorological Society) and navigation options for 'Journal' and 'Articles'. A dark blue banner identifies the journal as 'Geoscience Data Journal' with an 'Open Access' badge. Below the banner, it lists the Co-Editors-in-Chief as Katherine Royle & Jian Peng, and provides the Online ISSN (2049-6060) and Print ISSN (2049-6060). The bottom section contains a paragraph describing the journal's mission to advance Earth system science through data publication.

Dépôts de données de recherche

[Recherche](#)

[Data Gouv](#)



The screenshot shows the homepage of the French Research Data Gateway. At the top, there is a navigation bar with the French Republic logo and the text 'recherche.data.gouv.fr'. To the right of the logo are links for 'Recherche', 'À propos', 'Guide d'utilisation', and 'Support'. Below the navigation bar is a yellow banner with the text: 'Bienvenue ! Pour déposer des données, rendez-vous dans votre espace institutionnel ou dans l'espace générique, puis connectez-vous (si vous ne savez pas où déposer ? Cliquez ici.)'. The main content area features a large green banner with the text: 'Un écosystème au service du partage et de l'ouverture des données de la recherche' and the subtext 'FÉDÉRER, ACCOMPAGNER, PARTAGER, OUVRIIR, RÉUTILISER'. Below this banner are two main sections: 'Recherche Data Gouv' and 'Génération datapaper'. Under 'Recherche Data Gouv', there is a sub-section '(Recherche Data gouv)'. A statistics box shows '1 243 969 téléchargements'. The bottom part of the page contains a paragraph of text: 'L'entrepôt pluridisciplinaire Recherche Data Gouv est une solution souveraine pour le partage et l'ouverture des données de recherche qui ne disposent pas d'un entrepôt disciplinaire reconnu. Il est basé sur le logiciel libre Dataverse. Le dépôt des données doit se faire dans l'espace institutionnel ou dans l'espace générique, dont relève un des contributeurs. Un espace générique est dédié aux données produites par les établissements ne disposant pas d'espace institutionnel (bac à sable). Retrouvez les actualités et événements de la plateforme Recherche Data Gouv.'

Dépôts de données de recherche

Utilisez les dépôts que vous
connaissez/utilisez ! Zenodo,
SWISSUbase, BORIS, Yareta,
etc.



Répertoire de dépôts de données de recherche

re3data.org

Search Browse Suggest

Browse by subject
Browse by content type
Browse by country

Browse by subject

- Materials Science and Engineering (33)
 - Materials Engineering (10)
 - Metallurgical and Thermal Processes, Thermomechanical Treatment of Materials (2)
 - Sintered Metallic and Ceramic Materials (1)
 - Composite Materials (3)
 - Coating and Surface Technology (1)
 - Materials Science (33)**
 - Thermodynamics and Kinetics of Materials (2)
 - Synthesis and Properties of Functional Materials (1)
 - Microstructural Mechanical Properties of Materials (3)
 - Structuring and Functionalisation (1)
 - Biomaterials (2)
- Computer Science, Electrical and System Engineering (8)
 - Electrical Engineering (2)
 - Computer Science (7)
 - Artificial Intelligence, Image and Language Processing (3)
- Construction Engineering and Architecture (2)
 - Construction Engineering and Architecture (2)
 - Urbanism, Spatial Planning, Transportation and Infrastructure Planning, Landscape Planning (1)
 - Geotechnics, Hydraulic Engineering (1)

Content Types

Countries

ID systems

PI

Certificates

Open Access

Open Access Restrictions

Citration

Subject(s)

Content type(s)

Country

Citration is the premier open database and analysis of property data, that users have contributed or Citri

U.S. Energy Information Administration EIA

Subject(s)

Content type(s)

Country

The U.S. Energy Information Administration (EIA) provides policy, policymaking, efficient markets, and public under

Plateforme mixte

[OpenAIRE](https://openaire.eu)

Plateforme européenne
d'accès aux publications
et datasets

The screenshot shows the OpenAIRE EXPLORE search results page. At the top, there is a navigation bar with 'OpenAIRE EXPLORE' and links for Search, Deposit, Link, Data sources, Funders, and Sign in. A search bar contains the query 'building data life' with a search icon and a close button. Below the search bar, there are tabs for 'RESEARCH PRODUCTS (34K)', 'PROJECTS (3)', 'DATA SOURCES (2)', and 'ORGANIZATIONS (1K)'. The main content area displays '34,242 Research Products for building data life' and is sorted by 'Relevance'. On the left, there are filter sections for 'Access' (Open Access, Closed Access, Restricted, Open Source, Embargo), 'Type' (Publications, Research Data, Research Software, Other Research Products), 'Year range' (1800 - 2034), and 'Field of Science' (Engineering And Technology (5,445)). The main list shows three results:

- Data for: Life Cycle Assessment of Natural vs Conventional Building Materials: A Case Study on Cob Earthen Construction** (Research Data, Dataset, 2019, Publisher: Mendelley). Authors: Ben Alon, Lotfi. DOI: 10.17632/mrk998j9j9.1, 10.17632/mrk998j9j9.
- Development of a Service Life Database of Building Elements Based on an International Data Collection** (Publication, Article, Conference object, 2020, Publisher: CIMNE). Authors: Goufout, Kyrilak; Giorgi, Morgane; Favre, Didier; Lasvaux, Sebastien. DOI: 10.23967/tdbmc.2020.035.
- Supporting Decision-Making in the Building Life-Cycle Using Linked Building Data** (Publication, Article, 2014, Belgium, Publisher: MDPI AG). Author: Pieter Pauwels. DOI: 10.3390/buildings4030549, HANDLE: 1854/LU-5705983.

Plateforme mixte

[BASE](#) - Bielefeld

Academic Search Engine

Université allemande de
Bielefeld

Publications et

données de recherche



Métamoteur

DataCite Commons

International, à but non
lucratif

2,605 Works

Causes of Homelessness among Older People in Four Cities in England, and Boston, Massachusetts, 2001-2003

Watt, H., Committee To End Elder Homelessness (Boston, Massachusetts, USA), Byrne, K., Boston Medical Center (Massachusetts, USA), Elders Living At Home Program, M. Crane & A. M. Warnes
Version 1st Edition of Data Collection published 2005 in UK Data Archive

A comparative study of the causes of new episodes of homelessness among people aged 50 or more years was undertaken in Boston, Massachusetts (USA), Melbourne, Australia, and four English cities. The aims were to make a substantial contribution to the predominantly American debate on the causes of homelessness, and to make practice recommendations for the improvement of prevention. The study had several objectives. It aimed to collect information about the antecedents, triggers and risk factors for becoming homeless in later life and about the national and local policy and service contexts. Furthermore, the researchers aimed to analyse and interpret the findings with reference to an integrated model of homelessness that represented structural and policy factors, including housing, health and social service organisation and delivery factors, and personal circumstances, events, problems and dysfunctions. The aim was to do this collaboratively, by drawing on the project partners' experience and knowledge. Finally, it was hoped to develop recommendations for housing, primary health care and social welfare organisations for the prevention of homelessness. This was to be done by identifying the common sequences and interactions of events that precede homelessness and their markers (or 'early warning' indicators) and by holding workshops in England with practitioners and their representative organisations on new ways of working. By the study of contrasting welfare and philanthropic regimes in a relatively homogeneous category of homeless incidence (i.e. recent cases among late middle-aged and older people), it was hoped that valuable insights into the relative contributions of the policy, service and personal factors would be obtained. The study focused on older people who had recently become homeless, purposely to gather detailed and reliable information about the prior and contextual circumstances. To have included people who had been homeless for several years would have reduced the quality of the data because of 'recall' problems. Users should note that data from the Australian sample for the study are not included in this dataset.

DOI registered October 11, 2011 via DataCite.

Dataset

<https://doi.org/10.5255/ukda-sn-5276-1>

Workplace Employee Relations Survey: Private Sector Panel, 1998-2004

A. Bryson
Version 1st Edition of Data Collection published 2008 in UK Data Archive

The Workplace Employment Relations Survey (WERS) series is a periodic national survey of people at work. So far, the surveys have been conducted in 1980, 1984, 1990, 1998 and 2004. The purpose of each survey in the WERS series has been to provide large-scale, statistically reliable evidence about a broad range of industrial relations and employment practices across almost every sector of the economy in Great Britain. This evidence is collected with several objectives in mind. The survey aims to provide a mapping of employment relations practices in workplaces across Great Britain, monitor changes in those practices over time, inform policy development and permit an informed assessment of the effects of public policy, and bring about a greater understanding of

Creators & Contributors

<input type="checkbox"/> Manghi, Paolo	6
<input type="checkbox"/> La Bruzzo, Sandro	6
<input type="checkbox"/> Kamerman, Peter	5
<input type="checkbox"/> Victoria J (Tory) Madden	5
<input type="checkbox"/> Crawford, C.	4
<input type="checkbox"/> Hassan, Marwa	3
<input type="checkbox"/> Coalho, Ligia F.	2
<input type="checkbox"/> Bradbury, Katherine	2
<input type="checkbox"/> Becerra-Chauca, Naysha	2
<input type="checkbox"/> Reinhart, Vanessa	2

Publication Year

<input type="checkbox"/> 2024	108
<input type="checkbox"/> 2023	280
<input type="checkbox"/> 2022	213
<input type="checkbox"/> 2021	226
<input type="checkbox"/> 2020	209
<input type="checkbox"/> 2019	137
<input type="checkbox"/> 2018	113
<input type="checkbox"/> 2017	104
<input type="checkbox"/> 2016	261
<input type="checkbox"/> 2015	154
<input type="checkbox"/> 2014	40
<input type="checkbox"/> 2013	102
<input type="checkbox"/> 2012	76
<input type="checkbox"/> 2011	47
<input type="checkbox"/> 2010	23

Work Type

<input checked="" type="checkbox"/> Dataset	2,605
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Métamoteur

Octopus

International, à but non
lucratif

The screenshot shows the Octopus website interface. At the top, there is a navigation bar with the Octopus logo, a search bar, and links for 'Browse', 'About', 'How To', and 'Publish'. A 'Sign in with ORCID' button and a moon icon for dark mode are also present. Below the navigation bar, the main heading is 'Browse all publications'. On the left side, there are two links: 'View all publications' with a right arrow and 'View all authors' with a person icon. Below these links is a 'Publication type' section with a list of categories: Research Problem, Rationale / Hypothesis, Method, Results, Analysis, Interpretation, Real World Application, and Peer Review. The main content area is titled 'Latest publications' and includes the text 'See the latest publications that have been uploaded to Octopus'. There are two publication cards displayed. The first card is for 'Modeling overview of reviews in healthcare as knowledge graphs: the MORPHS study' by K. Bougloukas, dated 6 juin 2024, with a 'View this publication' button. The second card is for 'Precision Oncology, Signaling Pathways Reprogramming and Targeted...' by M. Kumar, also dated 6 juin 2024, with a 'View this publication' button.

Métamoteur

Dimensions

Gratuit, mais nécessite
de se créer un compte

Lancé par Digital science

The screenshot displays the Dimensions website interface. At the top, there is a search bar with the text "e.g. covid AND treatment" and a search icon. To the right of the search bar are links for "Sign in" and "Logout". Below the search bar, there are navigation tabs for "PUBLICATIONS", "DATASETS", "GRANTS", "PATENTS", "CLINICAL TRIALS", and "POLICY DOCUMENTS". The "PUBLICATIONS" tab is active, showing a count of 148,369,391. Below the tabs, there is a "FILTERS" section with a "PUBLICATION YEAR" dropdown menu. The main content area displays a list of publications. The first publication is an "Umbrella Review on Cancer Stem Cell in Oral and Head and Neck Squamous Cell Carcinoma" by Maedeh Banki, Mahdih-Sadat Moosavi, published in 2024 in the Journal of Stem Cells and Regenerative Medicine. The second publication is "Joseph Needham's 'Motivations for Participation' and 'Major Roles' in the International Scientific Commission on Bacterial Warfare during the Korean War" by Taewoo Kim, published in 2024 in the Korean Journal of Medical History. The third publication is "Medical Support Provided by the UN's Scandinavian Allies during the Korean War" by Sekeon Jeong, Youki Min, Sangjuk Lee, published in 2024 in the Korean Journal of Medical History. The fourth publication is "Genome-wide analysis reveals the contributors to fast molecular evolution of the Chinese hook snout carp (Opsarichthys bidens)" by Fengbo Li, Wei Wang, Hailua Cheng, Ming Li, published in 2024 in the Computational and Structural Biotechnology Journal. To the right of the main content area, there is an "ANALYTICAL VIEWS" section. It includes a "RESEARCH CATEGORIES" table, an "OVERVIEW" section with a line graph showing "Citations (Mean)" and "Citations (Total)", and a "RESEARCHERS" table. The "RESEARCH CATEGORIES" table shows the following data:

Research Category	Citation Count
33 Biomedical and Clinical Sciences	30,637,272
42 Engineering	19,027,136
3022 Clinical Sciences	12,927,567
31 Biological Sciences	11,251,681
34 Chemical Sciences	9,365,343

The "OVERVIEW" section shows a line graph with "Citations (Mean)" at 13.33 and "Citations (Total)" at 1.55 B. The "RESEARCHERS" table shows the following data:

Researcher	Citation Count
Ramchand T Parthasarathi	17,574
Poojya Parthasarathi	17,540
Henry V Kefauver	15,873
Jean-Claude Fontaine	15,717
Krzyszyna Szankowska-Keljanian	15,716

Métamoteur

[Mendeley Data](https://data.mendeley.com)

Lancé par Elsevier

The screenshot shows the Mendeley Data search interface. At the top, there is a search bar with the text "Find research data" and a "Search" button. Below the search bar, it indicates "29496807 results" and a "Filter Results" section. The "PUBLISHED DATE" filter is active, showing a range from 1970 to 2024. The "DATA TYPES" filter is also visible, listing various data types such as Dataset, Image, Tabular Data, etc. The search results are sorted by "Most relevant". The first result is titled "Association of IL-23/IL-17 Pathway-related gene polymorphisms with idiopathic Scleritis in Chinese Han population" by Jing, Shiliang, published on 17 June 2024. The abstract describes a study investigating the association between polymorphisms in genes related to the IL-23/IL-17 pathway and the susceptibility to scleritis. The second result is titled "RNA 5-methylcytosine marks mitochondrial double-stranded RNAs for degradation and cytosolic release" by Kim, Sejin, also published on 17 June 2024. The abstract describes unprocessed gel and image data for RNA 5-methylcytosine marks mitochondrial double-stranded RNAs for degradation and cytosolic release.

Métamoteur

(Google) [Dataset Search](https://datasetsearch.research.google.com/) :
base et sets de données

climate **site:ch**

⇒ limite à un domaine

climate **-temperature**

⇒ supprime les résultats avec ce
terme de recherche

The screenshot shows a Google Dataset Search interface. The search bar contains the word "health". Below the search bar, there are several filters: "Mis à jour", "Format de téléchargement", "Croissant", "Droits d'usage", "Thème", "Fournisseur de données", and "Gratuits". The search results are displayed in a list format. The first result is "National Community Child Health Database" from healthinformationportal.eu, last updated on Mar 5, 2021. The second result is "Health Dataset" from kaggle.com, last updated on Apr 11, 2021. The third result is "Global Health Screening Market - Industry Trends and Forecas..." from databridgemarketresearch.com, last updated on Feb 2024. The fourth result is "Data and Code for: Social Media and Mental Health" from openicpsr.org, last updated on Oct 19, 2022, and is highlighted with a blue border. The fifth result is "Health Facilities in Sub-Saharan Africa" from data.humdata.org, last updated on Oct 19, 2022. The right-hand side of the screenshot shows the details for the selected dataset, "Data and Code for: Social Media and Mental Health". It includes the source "openicpsr.org", a unique identifier "https://doi.org/10.3886/E175562V1", the date "Oct 19, 2022", the provider "American Economic Association", authors "Luca Braghieri, Robin Levy, Alexey Makarin", license "Attribution 4.0 (CC BY 4.0)", geographic coverage "USA", and a description of the dataset.

Open Government Data (OGD)

Suisse

Confédération

opendata.swiss

Basel-Stadt (canton)

opendata.bs.ch

Zürich (ville)

data.stadt-zuerich.ch

International

France

data.gouv.fr

Union Européenne

data.europa.eu

États-Unis

data.gov

[Awesome Open Government Data Switzerland](#)

Évaluer le set de données



Evaluer les données

Qui a compilé les données ? **Fiabilité** de la source ?

Comment, dans quel but et **dans quelles conditions** les données ont-elles été générées ?

Comment l'ensemble des données est-il structuré ?

Les données permettent-elles de **répondre à ma question** de recherche ?

Les données sont-elles réellement **accessibles** ?

Est-ce que je peux / j'ai le droit de **combiner ou enrichir** les données avec d'autres ensembles de données ?

Evaluer les données

Documentation

Description du projet

Méthodes utilisées pour
collecte/production

Structure des données

Métadonnées

Titre

Auteur / source

Date

Licences (restrictions ?)

Formats de fichiers

etc.

Licences Creative Commons

CREATIVE COMMONS LICENSES		COPY & PUBLISH	ATTRIBUTION REQUIRED	COMMERCIAL USE	MODIFY & ADAPT	CHANGE LICENSE
	PUBLIC DOMAIN	✓	✗	✓	✓	✓
	CC BY	✓	✓	✓	✓	✓
	CC BY-SA	✓	✓	✓	✓	✗
	CC BY-ND	✓	✓	✓	✗	✓
	CC BY-NC	✓	✓	✗	✓	✓
	CC BY-NC-SA	✓	✓	✗	✓	✗
	CC BY-NC-ND	✓	✓	✗	✗	✓

You can redistribute (copy, publish, display, communicate, etc.)	You have to attribute the original work	You can use the work commercially	You can modify and adapt the original work	You can choose license type for your adaptations of the work.

Réutiliser des données personnelles

Réutilisation doit être explicitement incluse dans le consentement

Sinon : réutilisation possible seulement si les données sont entièrement anonymisées

Citer ses sources



Citer les données réutilisées

Auteur·e

Titre du set de (des) données

Année de publication

Dépôt de données de recherche

Version du set (si indiquée)

Identifiant persistant (DOI par ex.)

Citation

Rachidi, F., & Rubinstein, M. (2018). Lightning Data at Säntis Tower (August 2016) (Version 1) [Data set]. Zenodo. <https://doi.org/10.5281/zenodo.1208637>

Style

APA



À retenir !



Nombreuses possibilités de trouver un set de données



Prendre le temps d'évaluer le contenu du set avant de commencer à travailler dessus



Être attentif·ve à la licence d'utilisation du set



Citer et attribuer correctement le travail des autres



Faire des liens avec son travail de recherche

Vous souhaitez

Une aide personnalisée pour votre publication / DMP

Une formation spécifique à un ou plusieurs outils

...

biblio@heig-vd.ch
marylene.grzesiak@heig-vd.ch

Site web de la bibliothèque
[Soutien à la recherche](#)

[Empruntez votre bibliothécaire](#)

Lundi au jeudi 8h - 18h30

Vendredi 8h - 17h

Formations complémentaires

Recherche et intelligence
artificielle

Déposer un set de données sur
Zenodo

Introduction à
l'Open Access

Utiliser les licences Creative
Common

Utiliser ORCID

Et plus encore...

Partager ses données
en 5 étapes

Licence de la présentation

A l'exception des slides qui mentionnent d'autres auteurs·trices

Bibliothèque de la HEIG-VD, 18 juin 2024

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Cette formation est librement adaptée de :
BESMER Christina, LINDENMANN Iris, 2024. *Second love: finding and re-using research data* [en ligne]. University Library Basel. Consulté le 18 juin 2024. Disponible à l'adresse : <https://zenodo.org/records/10619777>