

Dataset publication by Leiden University researchers

Núria Raga Raga | Centre for Digital Scholarship 2022



**Universiteit
Leiden**
Archaeology

Data Management Regulations Leiden University 2021

“Article 11: Digital research data are sustainably stored in an archive/repository, preferably a certified repository [...]. The faculty/institute data protocol includes a list of preferred archives/repositories.”



Look at the CoreTrustSeal requirements to know more about repository certification: [10.5281/zenodo.7051096](https://doi.org/10.5281/zenodo.7051096)

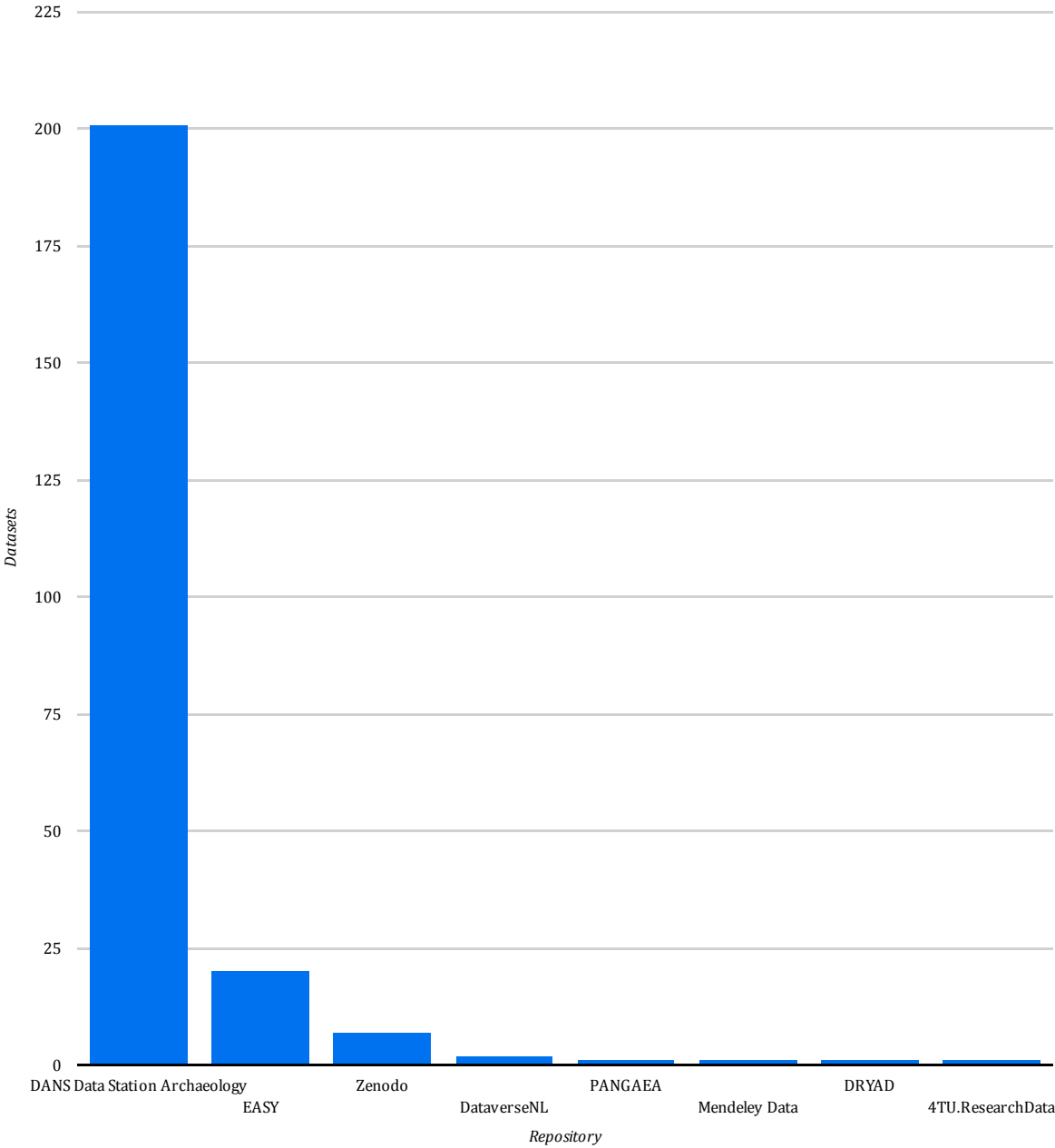
Repositories used by Leiden University researchers

List of repositories used by researchers in the Archaeology Faculty and number of datasets published.

	Repository	Datasets ▾
1.	DANS Data Station Archaeology	201
2.	EASY	20
3.	Zenodo	7
4.	DataverseNL	2
5.	PANGAEA	1
6.	Mendeley Data	1
7.	DRYAD	1
8.	4TU.ResearchData	1

1 - 8 / 8 < >

Datasets
234



Repositories used by Leiden University researchers

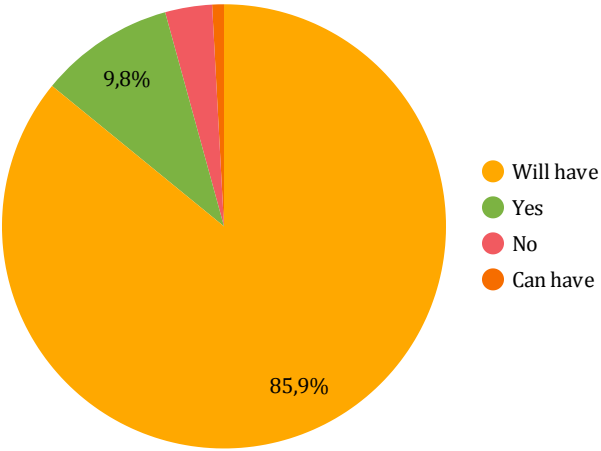
List of repositories used by researchers and certification of these repositories.

	Repository	Certification	Datasets ▼
1.	DANS Data Station Archaeology	Will have	201
2.	EASY	Yes	20
3.	Zenodo	No	7
4.	DataverseNL	Can have	2
5.	PANGAEA	Yes	1
6.	Mendeley Data	Yes	1
7.	DRYAD	No	1
8.	4TU.ResearchData	Yes	1

1 - 8 / 8 < >

Datasets
234

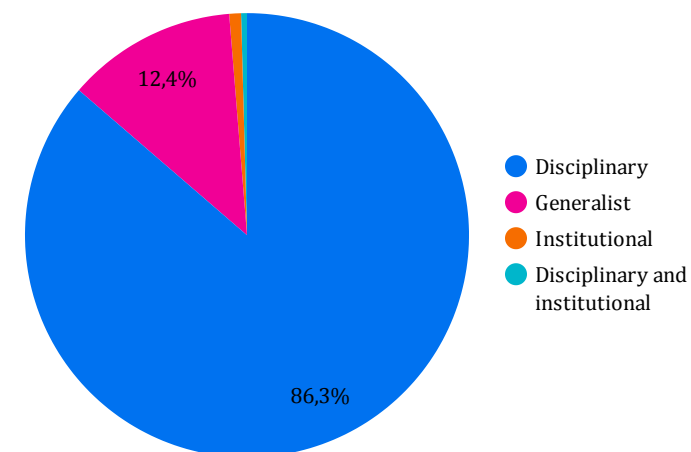
Percentage of datasets depending on the certification of their repositories and compliance of researchers with Data Management Regulations: archiving data in certified repositories.



Repositories used by researchers in the Archaeology Faculty

Type of repositories used by researchers and link to the information of each repository (clicking the logo)

	Repository	Repository type	Datasets ▾
1.	DANS Data Station Archaeology	Disciplinary	201
2.	EASY	Generalist	20
3.	Zenodo	Generalist	7
4.	DataverseNL	Institutional	2
5.	PANGAEA	Disciplinary	1
6.	Mendeley Data	Generalist	1
7.	DRYAD	Generalist	1
8.	4TU.ResearchData	Disciplinary and institutional	1



1 - 8 / 8 < >

DANS Archaeology

EASY

zenodo

Data
verseNL



MENDELEY DATA



4TU.ResearchData
SCIENCE • ENGINEERING • DESIGN



Generalist Repository Comparison Chart

doi: 10.5281/zenodo.3946719

This chart is designed to assist researchers in finding a generalist repository should no domain repository be available to preserve their research data. Generalist repositories accept data regardless of data type, format, content, or disciplinary focus. For this chart, we included a repository available to all researchers specific to clinical trials (Vivli) to bring awareness to those in this field.

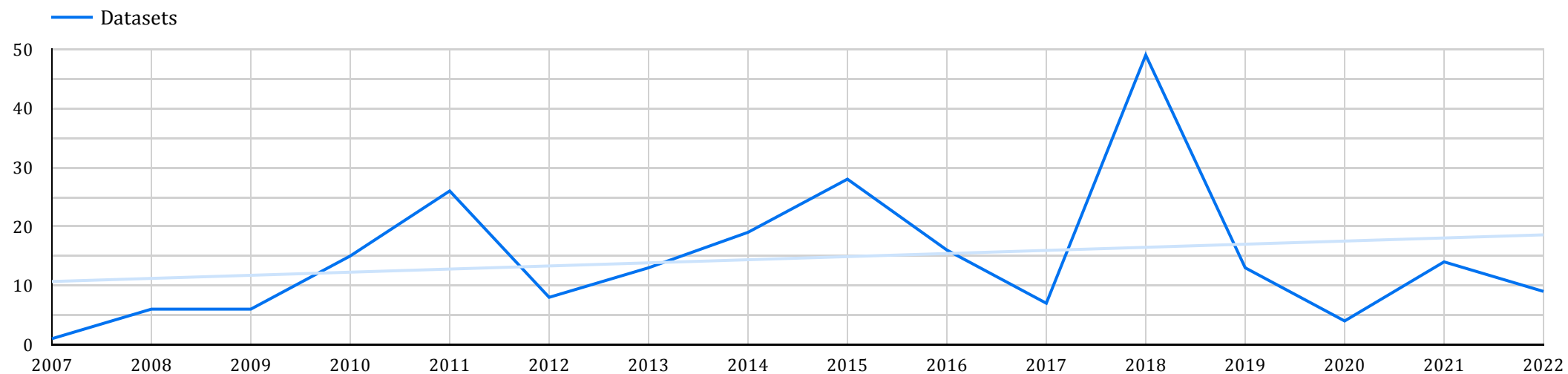
<https://fairsharing.org/collection/GeneralRepositoryComparison>

TOPIC	HARVARD DATAVERSE REPOSITORY	DRYAD	FIGSHARE	MENDELEY DATA	OSF	VIVLI	ZENODO
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Deposits of datasets per year

Number of datasets deposited per year in the faculty.

As a reference: the first Data Management Regulations were published in 2016.



Datasets linked to an article

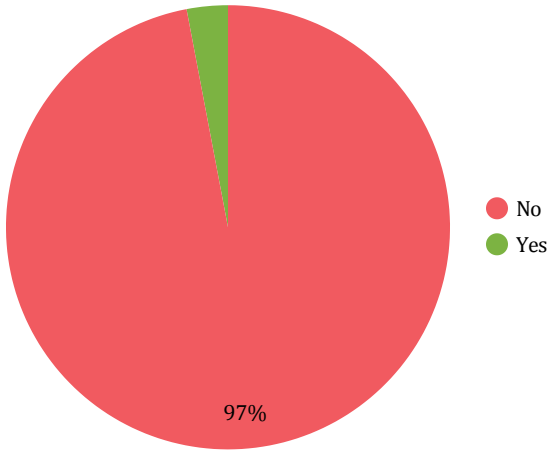
Not all datasets published are related to an article.

List of journals that have articles related to datasets of the faculty.

	Journal	Datasets ▾	Articles
1.	International Journal of Osteoarchaeology	2	2
2.	Journal of Human Evolution	1	1
3.	International Journal of Paleopathology	1	1
4.	PLoS One	1	1
5.	The Low Countries Journal of Social and Economic History	1	1
6.	Molecular Ecology	1	1

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Datasets related to an article



Datasets

234

Datasets related to an article

7

Metrics related to repositories

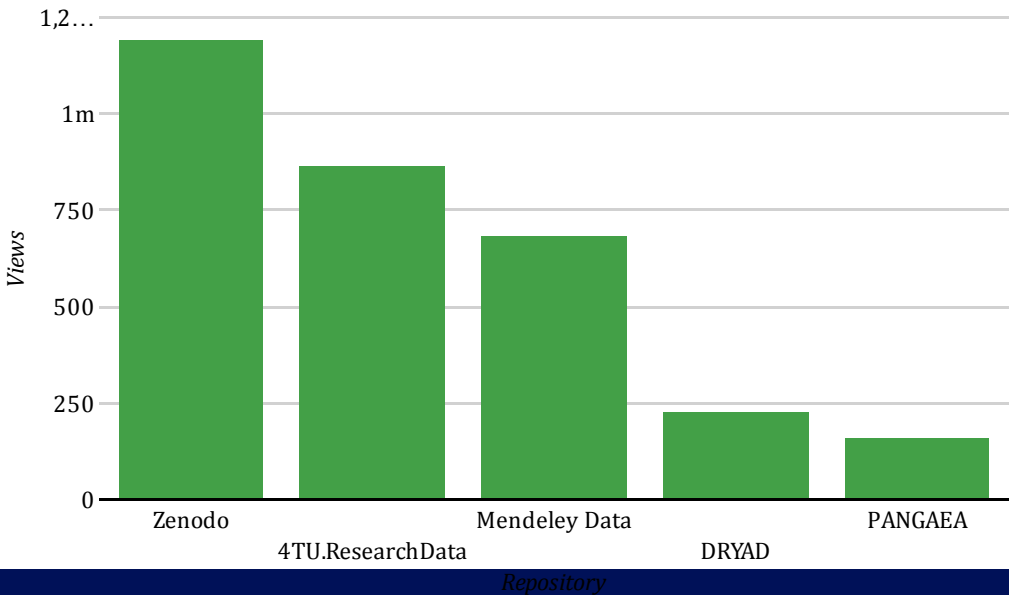
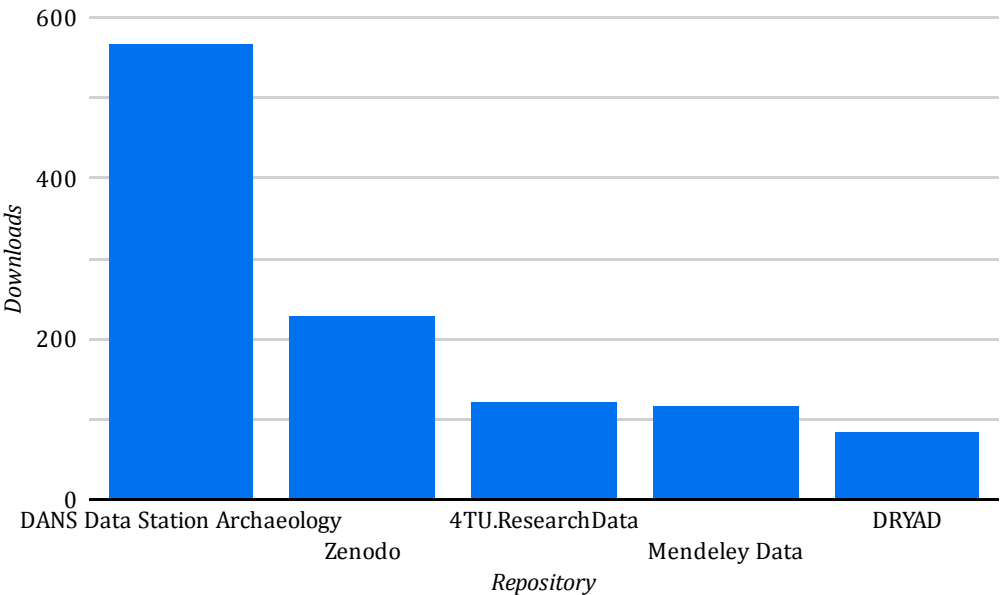
Not all repositories allow us to see metrics of datasets.
This is a list of datasets with the number of downloads and views that appear in the repository.

The graphics show the 5 repositories with more downloads or views.

Dataset title

	Dataset DOI	Dataset title	Repository	Downloads ▾	Views
1.	10.5281/zenodo.7034618	SPAAM-community/AncientMetagenomeDir: v22.09.2	Zenodo	128	1.025
2.	10.4121/uuid:0d7f284a-93ae-4d75-8361-984df49c2a4e	X-ray micro-CT scan Data of First Middle Palaeolithic tar backed tool from the Dutch North Sea	4TU.ResearchData	122	867
3.	10.17632/z69zs69mpg.1	Supplementary Online Material: A new experimental methodology for assessing adhesive properties shows that Neandertals used the most suitable material available	Mendeley Data	118	686
4.	10.17026/dans-xvq-jqts	Kalinago Territory GIS Database	DANS Data Station Archaeology	106	null
5.	10.5061/dryad.4fj54	Data from: Climate impacts on trans-ocean dispersal and habitat in gray whales from the Pleistocene to 2100	DRYAD	84	228
6.	10.17026/dans-x69-ccke	Maasdalproject - Opgraving Den Bosch - Maaspoort	DANS Data Station Archaeology	62	null
7.	10.17026/dans-	The End of Our Fifth Decade	DANS Data Station Archaeology	38	null

1 - 100 / 234 < >



LU Contributors in the datasets

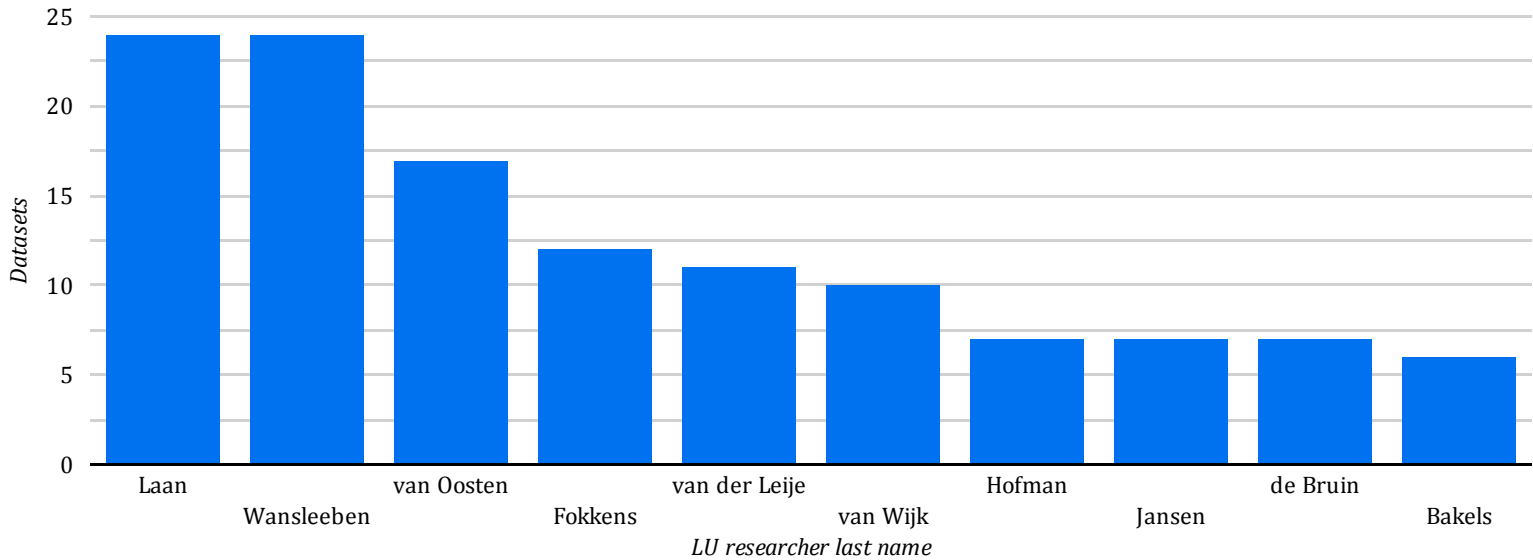
List with the principal LU contributors to the datasets and metrics associated with these contributors.

Author last name



The graphic shows the 10 archaeology researchers with more published datasets.

	First name	Last name	ORCID	Scopus ID	Datasets ▾	Downloads	Views
1.	Walter	Laan	null	null	24	0	null
2.	Milco	Wansleebeen	0000-0001-6895-6058	57194803655	24	137	null
3.	Roos	van Oosten	0000-0002-4323-5120	57225272449	17	41	null
4.	Harry	Fokkens	0000-0002-0006-7518	6507923479	12	51	null
5.	Judith	van der Leije	null	null	11	0	null
6.	Ivo	van Wijk	null	57216398742	10	4	null
7.	Corinne	Hofman	0000-0003-4447-5019	24437865500	7	35	null
8.	Richard	Jansen	0000-0003-4682-186X	null	7	8	null
9.	Adrie	Tol	null	null	6	0	null
10.	Corrie	Bakels	null	6603013585	6	43	null




Datasets
234



**Universiteit
Leiden**

Archaeology

Núria Raga Raga
Centre for Digital Scholarship
n.raga.raga@library.leidenuniv.nl



About User Guide Support Log In

Developmental and Educational Psychology
(Leiden University)

DataverseNL > Leiden University > Faculty of Social and Behavioural Sciences > Institute of Psychology > Developmental and Educational Psychology >

Giving to friends, classmates, and strangers in adolescence

Version 1.0


Groep, Suzanne, van de, 2019, "Giving to friends, classmates, and strangers in adolescence", <https://doi.org/10.34894/RM0VOF>, DataverseNL, V1

Cite Dataset - Learn about Data Citation Standards.

Access Dataset -


Contact Owner Share

Dataset Metrics ?
24 Downloads ?

Description ? Van de Groep, S., Zanolie, K., & Crone, E. A. (2019 in press) Journal of Research on Adolescence (2019-03-27)

Subject ? Social Sciences

Keyword ? deposit 2019, publication 2020

License/Data Use Agreement  CC0 1.0

Files Metadata Terms Versions

Search this dataset...

Filter by
File Type: All - Access: All - File Tag: All -

1 to 7 of 7 Files

Download Request Access

1. Published Manuscript.zip
ZIP Archive - 184.7 KB
Published Mar 27, 2019
24 Downloads
MD5: fae...ec8
Manuscript

2. Tasks.zip
ZIP Archive - 273.0 KB
Published Mar 27, 2019
0 Downloads
MD5: ff0...eee
Documentation

3. Raw Data.zip
ZIP Archive - 1.3 MB
Published Mar 27, 2019
0 Downloads
MD5: cca...a61
Data

DOI: 10.17616/R33W6Z

Certification: Can be certified

Repository type: Institutional

Principal institution: DANS and Leiden University (Netherlands)

Persistent identifier system: DOI

Metrics: Downloads

Files Metadata Terms Versions


Export Metadata -

Citation Metadata ^

Dataset Persistent ID ? doi:10.34894/RM0VOF
Previous Dataset Persistent ID ? hdl:10411/M7YIBE
Publication Date ? 2019-03-27
Title ? Giving to friends, classmates, and strangers in adolescence
Author ? Groep, Suzanne, van de (leidenuniv.nl)
Contact ? Use email button above to contact.
Crone, Eveline (leidenuniv.nl)
Description ? Van de Groep, S., Zanolie, K., & Crone, E. A. (2019 in press) Journal of Research on Adolescence (2019-03-27)
Subject ? Social Sciences
Keyword ? deposit 2019, publication 2020
Depositor ? Bos, Esther
Deposit Date ? 2019-03-27

Files Metadata Terms Versions

Dataset Terms ^

License/Data Use Agreement Our [Community Norms](#) as well as good scientific practices expect that proper credit is given via citation. Please use the data citation shown on the dataset page.
 CC0 1.0

Dataset Version	Summary	Contributors	Published on
1.0	This is the first published version.	Esther van den Bos	2019-03-27

DANS Archaeology About User Guide Support Log In

DANS Data Station Archaeology

DANS Data Station Archaeology >

Verslag archeologische bureaustudie van plangebied Heeseind-Karregat ten noorden van de spoorban Rosmalen-Geffen (gemeente Nuland)

Version 1.0

R. de Leeuwe, 2006, "Verslag archeologische bureaustudie van plangebied Heeseind-Karregat ten noorden van de spoorban Rosmalen-Geffen (gemeente Nuland)", <https://doi.org/10.17026/dans-zx8-r9kc>, DANS Data Station Archaeology, V1

[Cite Dataset](#) - [Learn about Data Citation Standards.](#)

Access Dataset -

Contact Owner Share

Dataset Metrics ?

0 Downloads ?

Description ?

Onderzoeksrapport

Heeseind - Karregat

Date: 2006-10-30 (veldwerk)

Subject ?

Arts and Humanities

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Files Metadata Terms Versions

Change View Table Tree

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Filter by

File Type: All Access: All

Sort

1 to 5 of 5 Files

Download

dataset.xml	easy-migration/ XML - 4.0 KB Published Jan 1, 2006 0 Downloads	
emd.xml	easy-migration/ XML - 3.9 KB Published Jan 1, 2006 0 Downloads	
files.xml		

Files Metadata Terms Versions

Dataset Terms

License/Data Use Agreement

Our [Community Norms](#) as well as good scientific practices expect that proper credit is given via citation. Please use the data citation shown on the dataset page.

CC-BY-SA-4.0

Dataset Version	Summary	Contributors	Published on
1.0	This is the first published version.	EASY Migration	2006-01-01

DOI: 10.17616/R31NJNAT

Certification: Will be certified

Repository type: Disciplinary

Subjects: Ancient cultures, classical archaeology

Principal institution: DANS (Netherlands)

Persistent identifier system: DOI

Metrics: Downloads

Files Metadata Terms Versions

[Export Metadata](#)

Citation Metadata

Dataset Persistent ID ? doi:10.17026/dans-zx8-r9kc

Publication Date ? 2006-01-01

Title ? Verslag archeologische bureaustudie van plangebied Heeseind-Karregat ten noorden van de spoorban Rosmalen-Geffen (gemeente Nuland)

Alternative Title ? Heeseind - Karregat

Other ID ? DANS-KNAW: easy-dataset:107404

Author ? R. de Leeuwe (Archeologisch Onderzoek Leiden BV)

Contact ? Use email button above to contact.
Walter Laan (University of Leiden, Archol)

Description ? Onderzoeksrapport

Heeseind - Karregat

Date: 2006-10-30 (veldwerk)

Subject ? Arts and Humanities

Language ? Dutch

Production Date ? 2006-01-01

Distributor ? Archeologisch Onderzoek Leiden BV

Distribution Date ? 2018-01-10

Deposit Date ? 2018-06-29

Rights Metadata

Relation Metadata

Archaeology-Specific Metadata

Temporal and Spatial Coverage

Data Vault Metadata

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March 30, 2021 Dataset Open Access

Conformal Elasticity of Mechanism-Based Metamaterials

Michael Czajkowski; Corentin Coulais; Martin van Hecke; D. Zeb Rocklin

This is the replication package supporting the paper "Conformal Elasticity of Mechanism-Based Metamaterials"

<https://arxiv.org/abs/2103.12683>

it contains:

- Rawdata1: experimental raw data for the first experiment ("the foot")
- Rawdata2: experimental raw data for the second experiment ("the bridge")
- Experimental_codes_ProcessedData: codes to process the rawdata and processed data
- PyLab: custom made python packages for the processing codes
- NumericalData: numerical codes and raw data (using the software abaqus)
- Mathematica_scripts: Mathematica scripts to derive the theory and compare it to the experimental and numerical data

experimental and numerical raw data as well as processing codes (python and mathematica)

Preview

Experimental_codes_processedData.zip

- Beam_3dprinting
 - 18-0002-0174.stl 15.1 MB
 - 18-0002-0174.stp 7.4 MB
 - 18-0002-0175.pdf 372.2 kB
 - 18-0002-0175.stl 1.2 MB
 - 18-0002-0175.stp 10.3 MB
 - 200um_3.jpg 100.9 kB
 - Simple_hinges_objet_agilus30
 - 200um.jpg 183.4 kB
 - 200um_2.jpg 176.9 kB
 - 200um_3.jpg 167.3 kB
 - 200um_4.jpg 175.2 kB
 - 50um.jpg 422.7 kB
 - 50um_2.jpg 191.9 kB

Files

118 views 96 downloads

See more details...

Indexed in

OpenAIRE

Publication date: March 30, 2021

DOI: 10.5281/zenodo.4646672

Related identifiers: Cited by <https://arxiv.org/abs/2103.12683>

License (for files): Creative Commons Attribution 4.0 International

Versions

Version 1 Mar 30, 2021 10.5281/zenodo.4646672

Cite all versions? You can cite all versions by using the DOI 10.5281/zenodo.4646671. This DOI represents all versions, and will always resolve to the latest one. Read more.

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Cite as

Michael Czajkowski, Corentin Coulais, Martin van Hecke, D. Zeb Rocklin

DOI: 10.17616/R3QP53

Certification: None

Repository type: Generalist

Principal institution: European Organization for Nuclear Research - CERN (European Union)

Persistent identifier system: DOI

Metrics: Views and downloads

Files (30.4 GB)

Name	Size	Preview	Download
Experimental_codes_processedData.zip	23.3 MB		
md5:0fd5f46be18e0e0a885dca4249ca182d			
Mathematicascripts.zip	1.7 MB		
md5:165afb6c160bfb7d8dff527c28c89b74			
Numerical_Data.zip	74.7 MB		
md5:fac5bf5a86afb90dafb24bfc030ed237			
PyLab.zip	83.7 kB		
md5:11e173b278600ef147fe014c1370edc7			
Rawdata1.zip	15.3 GB		
md5:ca98382869808e38e68f73f11ba82894			
Rawdata2.zip	15.0 GB		
md5:4cb887286edde9d40cd2ccf277648214			

Beta Citations 0

Show only: Literature (0) Dataset (0) Software (0) Unknown (0) Citations to this version

Error:

Martin van Hecke, & D. Zeb Rocklin. (2021). Conformal Elasticity of Mechanism-Based Metamaterials [Data set]. Zenodo. <https://doi.org/10.5281/zenodo.4646672>

Start typing a citation style...

Export

BibTeX CSL DataCite Dublin Core DCAT JSON JSON-LD GeoJSON MARXML Mendeley

EASY

Archeologische data deponeer je voortaan niet meer hier in EASY.
Deponeren kan wel via de knop 'Add data' in het nieuwe Data Station Archaeology:
<https://archaeology.datastations.nl/>
Lees [hier](#) meer

EASY offers sustainable archiving of research data and access to thousands of datasets.

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[Browse](#)

SEARCH BEHAVIOR OF POLITICIANS AND MANAGERS IN RESPONSE TO PERFORMANCE FEEDBACK

[Overview](#)
[Description](#)
[Data files \(4\)](#)

Cite as:

van der Voet, dr. JORIS (Leiden University) (2020): *Search behavior of politicians and managers in response to performance feedback*. DANS. <https://doi.org/10.17026/dans-zb6-7sv3>

2020-02-19 | van der Voet, dr. JORIS (Leiden University) | [10.17026/dans-zb6-7sv3](#)

This dataset serves as supplementary material of the publication: Van der Voet, J. (2022). Search in response to negative performance feedback: Problem-definition and solution-generation. Journal of Public Administration Research and Theory.

[Overview](#)
[Description](#)
[Data files \(4\)](#)

Persistent identifier
DOI: [10.17026/dans-zb6-7sv3](https://doi.org/10.17026/dans-zb6-7sv3)
URN: [urn:nbn:nl:ui:13-y9-bios](https://nbn-resolving.org/urn:nbn:nl:ui:13-y9-bios)

Title
Search behavior of politicians and managers in response to performance feedback

Creator
van der Voet, dr. JORIS (Leiden University)
ORCID: [0000-0002-3945-5972](https://orcid.org/0000-0002-3945-5972)

Contributor
van der Voet, dr JORIS (Leiden University), Rights holder
ORCID: [0000-0002-3945-5972](https://orcid.org/0000-0002-3945-5972)

Date created (ISO 8601)
2020-02-19

Description
This dataset serves as supplementary material of the publication: Van der Voet, J. (2022). Search in response to negative performance feedback: Problem-definition and solution-generation. Journal of Public Administration Research and Theory.

Audience
Social and public administration

Identifier
Fedora Identifier: easy-dataset:232774

Type (DCMI resource type)
Dataset

Format (Internet Media Type)
application/pdf

Format
.sav
.sps
.dat

Language (ISO 639)
English

Rights holder
dr Joris van der Voet (Leiden University)

Access rights
Restricted: request permission - Registered EASY users, but only after depositor permission is granted
<http://dans.knaw.nl/en/about/organisation-and-policy/legal-information/DANSLicence.pdf>

License
<http://dans.knaw.nl/en/about/organisation-and-policy/legal-information/DANSLicence.pdf>

Date available
2022-01-03

Date submitted
2022-01-03

DOI: 10.17616/R3401D

Certification: CoreTrustSeal and DIN31644 standard

Repository type: Generalist

Principal institution: DANS (Netherlands)

Persistent identifier system: DOI and URN

Metrics: None

[Overview](#)
[Description](#)
[Data files \(4\)](#)

You need to log in to be able to view/access (some of) the files. [Log In](#)

You need to have special permission to be able to access (some of) the files. You can request permission after logging in.

Dataset Contents

Name	Size	Accessible
Codebook Search Behavior JPART.pdf	138050	Requires granted permission request
Dataset - JPART - Search behavior DANS EASY.dat	523044	Requires granted permission request
Dataset - JPART - Search behavior DANS EASY.sav	317237	Requires granted permission request
Dataset - JPART - Search behavior DANS EASY.sps	14411	Requires granted permission request



DRYAD

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Data from: Pupil diameter tracks lapses of attention

van den Brink, Ruud L., Leiden University
Murphy, Peter R., University Medical Center Hamburg-Eppendorf, Leiden University
Nieuwenhuis, Sander, Leiden University
Publication date: October 17, 2017
Publisher: Dryad
<https://doi.org/10.5061/dryad.mp332>

Citation

van den Brink, Ruud L.; Murphy, Peter R.; Nieuwenhuis, Sander (2017), Data from: Pupil diameter tracks lapses of attention, Dryad, Dataset, <https://doi.org/10.5061/dryad.mp332>

Abstract

Our ability to sustain attention for prolonged periods of time is limited. Studies on the relationship between lapses of attention and psychophysiological markers of attentional state, such as pupil diameter, have yielded contradicting results. Here, we investigated the relationship between tonic fluctuations in pupil diameter and performance on a demanding sustained attention task. We found robust linear relationships between baseline pupil diameter and several measures of task performance, suggesting that attentional lapses tended to occur when pupil diameter was small. However, these observations were primarily driven by the joint effects of time-on-task on baseline pupil diameter and task performance. The linear relationships disappeared when we statistically controlled for time-on-task effects and were replaced by consistent inverted U-shaped relationships between baseline pupil diameter and each of the task performance measures, such that most false alarms and the longest and most variable response times occurred when pupil diameter was both relatively small and large. Finally, we observed strong linear relationships between the temporal derivative of pupil diameter and task performance measures, which were largely independent of time-on-task. Our results help to reconcile contradicting findings in the literature on pupil-linked changes in attentional state, and are consistent with the adaptive gain theory of locus coeruleus-norepinephrine function. Moreover, they suggest that the derivative of baseline pupil diameter is a potentially useful psychophysiological marker that could be used in the on-line prediction and prevention of attentional lapses.

Data Files

Download dataset

October 17, 2017

Related Works

Article
<https://doi.org/10.1371/journal.pone.0165274>

Metrics

302 views

50 downloads

1 citations

License

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DOI: 10.17616/R34S33

Certification: None

Repository type: Generalist

Principal institution: DRYAD (International)

Persistent identifier system: DOI

Metrics: Views, downloads and citations




*Preservation: Merritt repository

Usage Notes

All data

Data for van den Brink, Murphy & Nieuwenhuis: Pupil diameter tracks lapses of attention. Three types of data are provided: 1) Raw data; 2) the processed data that were used to compute metrics for inferential statistics; 3) and the metrics themselves. (1) Raw data are contained in the folder 'raw_data'. The folder 'pupil_data' contains four sub folders: * edfs: Raw EDF files as produced by the EyeLink. * samples: ASCII file containing data points from the EDF files (so the pupil data). * events: ASCII file containing event type and timing information. Type: 0 = Scrambled image; 1 = Mountain; 2 = City; 32 = Response (space bar press). * converted: MATLAB files containing the data imported into EEGLAB format. Each block is contained in a separate EEG entry within ALLEEG. The first channel is pupil diameter in pixels. The second and third channel are gaze x and gaze y respectively. Event type and timing are contained in EEG.event. The folder 'behavior' contains a MATLAB file per participant and block that contains the behavioral data. * The relevant matrix here is 'response', which is organized as trials (rows) by variables (columns). Relevant columns are: Column 1 contains trial types (0 = Scrambled image; 1 = Mountain; 2 = City), Column 2 contains key code (32 = space bar; 0 = no response), Column 5 contains RTs (RT = 0 if no response), Column 7 contains response type (-1 = false alarm; 0 = miss; 1 = hit). (2) Processed data are contained in the folder 'processed_data'. Within are text files that resulted from the sliding window analysis. In all files the first column is participant number, and the second column is block number. All following columns are data points (a value per window). These data served as regressors in all the major analyses. Folder and file names will tell you what's what. (3) Regression coefficients and slopes are contained in 'statistics'. All MATLAB files containing matrices on which the stats were run. * Slopes, indicative of linear changes over time, are contained in 'Slopes_xxx.mat'; Size: participant (rows) by block (columns). * Linear regression coefficients are contained in 'Linear_betas_diameter/derivative.mat'. * Quadratic regression coefficients are contained in 'Quadratic_betas_diameter.mat'. * File suffix _noTOT indicates that these are regression coefficients after taking time on task into account. The matrices that contain regression coefficients are of size Participant by block by measure. Measure: 1 = False alarm; 2 = Slow quintile 3 = RT; 4 = RTCV. In all of the above, the participants are in the same order as in the text files in the folder 'processed_data'. Note that all statistics were run on the block-average of these matrices.

vandenBrinketal2016PONE.zip



SCIENCE • ENGINEERING • DESIGN

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Dataset Calculated Moves

Chapter 7 - Validation

Chapter 3 - Team coordination.zip

Chapter 4 - Rewards.zip

Chapter 5 - Transfer learning.zip

README.txt

data.zip (201.39 MB)

DOI: 10.17616/R3VG6N

Certification: CoreTrustSeal

Repository type: Disciplinary and institutional

Subjects: Hydrogeology, hydrology, limnology, urban water management, water chemistry, bioinformatics, biology, urbanism, geosciences, construction engineering and architecture

Principal institution: 4TU.Federation (Netherlands)

Persistent identifier system: DOI

Metrics: Views, downloads and citations

Research data of the PhD thesis: Calculated Moves: Generating Air Combat Behaviour

[Cite](#)
[Download \(201.39 MB\)](#)
[Share](#)
[Embed](#)
[+ Collect](#)

Dataset posted on 15.01.2020, 01:00 authored by [Armon Toubman](#)

The dataset contains the data collected for the research in the PhD thesis "Calculated Moves". Two types of data were collected. The first type are the results of agent-based air combat simulations, in which the agents learned by act by means of machine learning. The second type are the results of a validation study, in which we aimed to determine whether the learned behaviour was fit for use in real-world training simulations.

HISTORY

- 15.01.2020 - First online date, Publication date, Posted date

CONTRIBUTORS

Leiden University, Leiden Centre of Data Science (LCDS), Leiden Institute of Advanced Computer Science

PUBLISHER

4TU.Centre for Research Data

FORMAT

media types: application/zip, text/csv, text/plain

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CATEGORIES

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KEYWORDS

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artificial intelligence


dissertation

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multi-agent systems

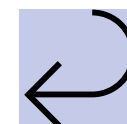
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Computation of the independent elements of the dynamical matrix

Published: 1 May 1995 | Version 1 | DOI: 10.17632/j5f59sxvzr.1
Contributors: Z.W. Hendrikse, M.O. Elout, W.J.A. Maaskant

Description

Abstract
In this paper we present a program which reduces the independent elements of the dynamical matrix with group theory to its theoretical minimum exactly, i.e. without the use of random numbers and incorporating the linear relations between the elements of the dynamical matrix which may arise in trigonal and hexagonal space groups. As input only the space group symbol, the atom positions of the asymmetrical unit of the unit cell and the coordinates of the vector k in the Brillouin zone are needed...

Title of program: Indep
Catalogue Id: ADBD_v1_0


Nature of problem
Full use of the symmetry properties in determining the dynamical matrix.

Versions of this program held in the CPC repository in Mendeley Data
ADBD_v1_0; Indep; 10.1016/0010-4655(94)00164-W

This program has been imported from the CPC Program Library held at Queen's University Belfast (1969-2019)

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Files


adbd_v1_0.gz
41 KB

Categories

Surface Science, Condensed Matter Physics, Computational Physics, Computational Method

Related Identifiers*

This dataset is supplement to
10.1016/0010-4655(94)00164-w

*provided by DataCite

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Dataset metrics

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Version 1
Published: 1 May 1995
DOI: 10.17632/j5f59sxvzr.1


Cite this dataset

Hendrikse, Z.W.; Elout, M.O.;
Maaskant, W.J.A. (1995),
"Computation of the independent
elements of the dynamical matrix",
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Associated article

This data is associated with the
following publication:

[Computation of the independent
elements of the dynamical matrix](#)



Published in:
Computer Physics
Communications

DOI: 10.17616/R3DD11

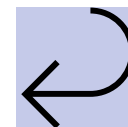
Certification: CoreTrustSeal

Repository type: Generalist

Principal institution: Elsevier (Netherlands)

Persistent identifier system: DOI and ARK

Metrics: Views, downloads and usage (Plumx)





PANGAEA

PANGAEA.



DOI: 10.17616/R3XS37

Certification: CoreTrustSeal

Repository type: Disciplinary

Subjects: Oceanography, geology, biology, palaeontology, geophysics, geochemistry, mineralogy, crystallography, atmospheric science, geodesy

Principal institution: Alfred Wegener Institute - Helmholtz Centre for Polar and Marine Research (Germany)

Persistent identifier system: DOI

Metrics: Views and downloads



PANGAEA.

Data Publisher for Earth & Environmental Science

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Citation:

Cucurachi, Stefano; Heijungs, Reinout (2013): Characterisation factors for life cycle impact assessment of sound emissions. PANGAEA, [doi: https://doi.org/10.1594/PANGAEA.805407](https://doi.org/10.1594/PANGAEA.805407)

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Comment:

A total of 32 spatial and 216 archetypal CFs were produced to be used to evaluate noise impacts at a European level (i.e. EU27). A user-defined CF is also provided. The factors produced are ready to be implemented in the available LCA databases and software. The spatial approach and the archetypal approach may be combined and selected according to the amount of information available and the life cycle under study.

Parameter(s):

#	Name	Short Name	Unit	Principal Investigator	Method/Device	Comment
1	Description	Description		Cucurachi, Stefano		
2	File name	File name		Cucurachi, Stefano		
3	File size	File size	kByte	Cucurachi, Stefano		
4	File type	File type		Cucurachi, Stefano		
5	Uniform resource locator/link to file	URL file		Cucurachi, Stefano		

URL file

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Size:

15 data points

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