

# Delo z bazami podatkov

## Iskanje podatkov

Bernarda KOREZ, Univerza v Mariboru, Univerzitetna knjižnica Maribor

Jerneja GRAŠIČ, Univerza v Mariboru, Univerzitetna knjižnica Maribor

Ljubljana in online, Centralna tehniška knjižnica Univerze v Ljubljani,  
Usposabljanje podatkovnih strokovnjakov, 18. – 21. 11. 2024



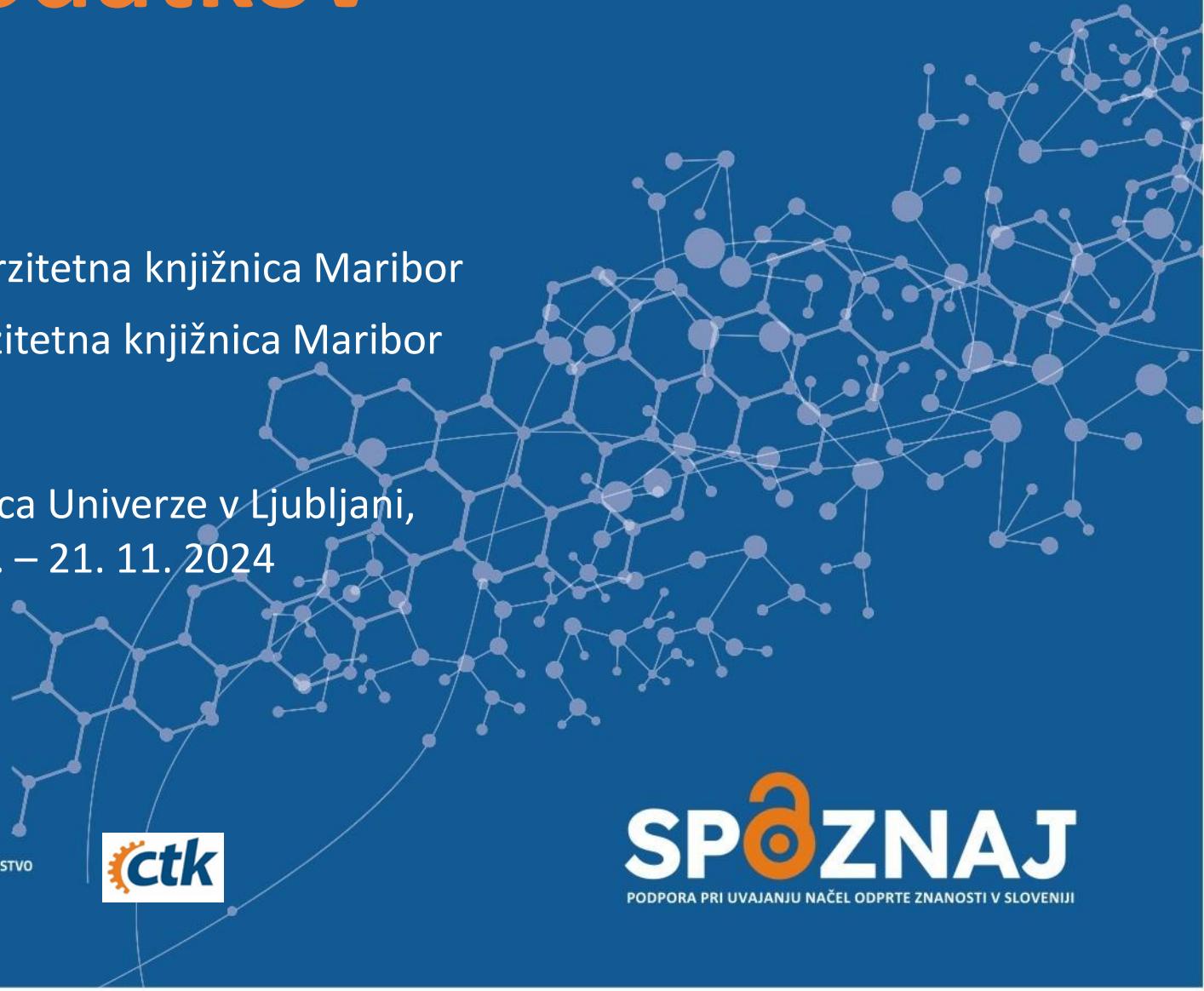
Finančna  
Evropska unija  
NextGenerationEU



NAČRT ZA  
OKREVANJE  
IN ODPORNOST



REPUBLIKA SLOVENIJA  
MINISTRSTVO ZA VISOKO ŠOLSTVO  
ZNANOST IN INOVACIJE



**SPAZNAJ**  
PODpora pri uvajanjju načel odprte znanosti v Sloveniji

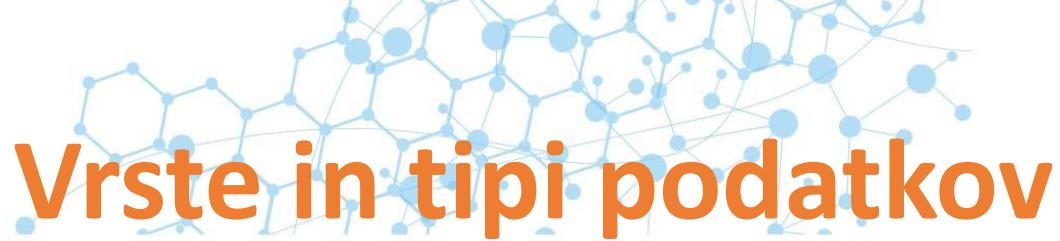


## Podatek ↔ informacija

**PODATEK** je enota, ki je sestavljena iz večjega števila sporočil in ima nek smisel. Po navadi podatki zajemajo številke, besede ali slike.

**INFORMACIJA** je najvišja enota komunikacije, sestavljena iz sporočil in podatkov, ki nam pove nekaj novega in služi za sprejemanje odločitev.

Primer: podatek je teža 10kg. Če želimo vedeti kolikšna je višina, potrebujemo še podatek o velikosti. Ko oba združimo, dobimo informacijo.



# Vrste in tipi podatkov





# Vrste in tipi podatkov

## Primarni podatki

Podatki, ki jih je ustvaril oz. zbral raziskovalec sam z anketami, intervjuji, eksperimenti, in so posebej zasnovani za razumevanje in reševanje raziskovalnega problema.

## Sekundarni podatki

So primarni podatki, ki jih uporabimo za nov namen. Sekundarni viri imajo seveda – oziroma bi morali imeti – izčrpno in natančno navedbo primarnega vira.

## Terciarni podatki

Pregledi, ki sistematično povzemajo primarne in sekundarne vire na določenem področju. Ne gre torej zgolj za pregled npr. literature kot del določenega članka, ampak je terciarni pregled virov po svoji naravi namenjen izključno zbiranju in povezovanju primarnih in sekundarnih virov. Terciarni viri se, podobno kot sekundarni viri, večinoma pojavljajo kot besedila. Najpogosteje so v obliki komentiranih bibliografij (angl. annotated bibliography), spiskov referenc, indeksov, enciklopedij, slovarjev in priročnikov. V določenih primerih so terciarni viri lahko tudi učbeniki, pregledni članki, almanahi, kronologije, vodniki ipd. Najbolj znan terciarni vir je seveda Wikipedia.

# Vrste in tipi podatkov



| Kriteriji    | Primarni podatki       | Sekundarni podatki        |
|--------------|------------------------|---------------------------|
| <b>Viri</b>  | Zbere raziskovalec sam | Zberejo drugi             |
| <b>Namen</b> | Za namen raziskave     | Bili zbrani za drug namen |
| <b>Čas</b>   | Dolgotrajno zbiranje   | Hiter dostop              |

Vir: <https://databasetown.com/primary-data-vs-secondary-data/>



# Pred uporabo obstoječih podatkov bodimo pozorni

- ✓ Preverite, ali licenca ali pogoji uporabe dovoljujejo vrsto ponovne uporabe, ki jo nameravate. Če licence ali pogojev uporabe ni, preverite, ali je ponovna uporaba sploh dovoljena, saj so nekateri podatki morda zaščiteni s pravicami intelektualne lastnine.
- ✓ Ali podatki vsebujejo osebne podatke? Če je tako, morate upoštevati predpise o zasebnosti.
- ✓ Preverite, ali obstajajo posebne zahteve za ponovno uporabo podatkov. Na primer: Ali morate podpisati pogodbo? Ali morate uvesti dodatne varnostne ukrepe? Ali morate podatke navajati na poseben način?
- ✓ Preverite formate podatkov in dokumentacijo. Ali lahko odprete datoteke, ali znate interpretirati oznake vrednosti ali manjkajoče podatke?
- ✓ Razmislite, kako lahko naredite uporabo teh podatkov pregledno. Kako lahko drugi ponovijo vaše raziskave ali vsaj pridejo do istega izhodiščnega položaja?



# Uporaba obstoječih podatkov

## Prednosti:

- ✓ Ponovna uporaba obstoječih podatkov lahko prihrani čas in stroške, ki se lahko porabijo za zbiranje novih podatkov, na primer za načrtovanje študije, zaposlovanje udeležencev, zbiranje podatkov, osebje, objekte itd.
- ✓ Običajno so že zbrani nabori podatkov večji od tistega, kar bi lahko zbrali v omejenem časovnem okviru. To lahko vodi do večje statistične moči in vam lahko omogoči odgovor na več ali bolj zapletena raziskovalna vprašanja.
- ✓ Obstojeci nabori podatkov so lahko bolj raznoliki glede na časovno obdobje, temo in geografsko regijo. To vam lahko omogoči odgovor na različna raziskovalna vprašanja v različnih kontekstih v daljšem časovnem obdobju.
- ✓ Obstojeci podatki vam lahko pomagajo potrditi in ponoviti ugotovitve prejšnjih študij.

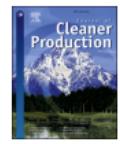


# Uporaba obstoječih podatkov

## Slabosti:

- ✓ Ne poznamo metodologije in pogojev pridobljenih podatkov (npr. uporabljeno drugačno izrazoslovje).
- ✓ Naši rezultati raziskave so odvisni od kvalitete uporabljenih podatkov.
- ✓ Merske enote se lahko razlikujejo od naših (npr. stopinje Farenheit, Kelvin, Celzij ; dolžina – meter, jard, milje, navtične milje ; hitrost – meter na sek., čevelj na sek.)
- ✓ Obstojeci podatki pokrivajo samo en segment našega raziskovanja (npr. omejeno geografsko področje, omejeno časovno obdobje).
- ✓ Podatki so zastareli.

Vir: <https://www.ncvo.org.uk/help-and-guidance/strategy-and-impact/impact-evaluation/planning-your-impact-and-evaluation/choosing-evaluation-methods/using-secondary-data/>



# Načini objav podatkov

## Raziskovalni podatki vključeni v objavo

Podatki so vključeni v besedilo članka.

Primeri:

<https://doi.org/10.1016/j.jclepro.2024.141387> (Elsevier)

COBISS.SI-ID - 202209539

<https://dirros.openscience.si/lzpisGradiva.php?id=20203>

V COBISS-u jih težko najdemo, saj so pod tipologijo 1.01 ali 1.03. Morda bi morali razmisiliti o uvedbi nove tipologije ali iskalnem kazalniku v COBIB?

Thermal insulation and flammability of composite waste polyurethane foam encapsulated in geopolymers for sustainable building envelope

Barbara Horvat <sup>a,\*</sup>, Nataša Knez <sup>a</sup>, Uroš Hribar <sup>b</sup>, Jakob König <sup>b</sup>, Branka Mušič <sup>a</sup>

<sup>a</sup> Slovenian National Building and Civil Engineering Institute, Ljubljana, Slovenia

<sup>b</sup> Jožef Stefan Institute, Ljubljana, Slovenia

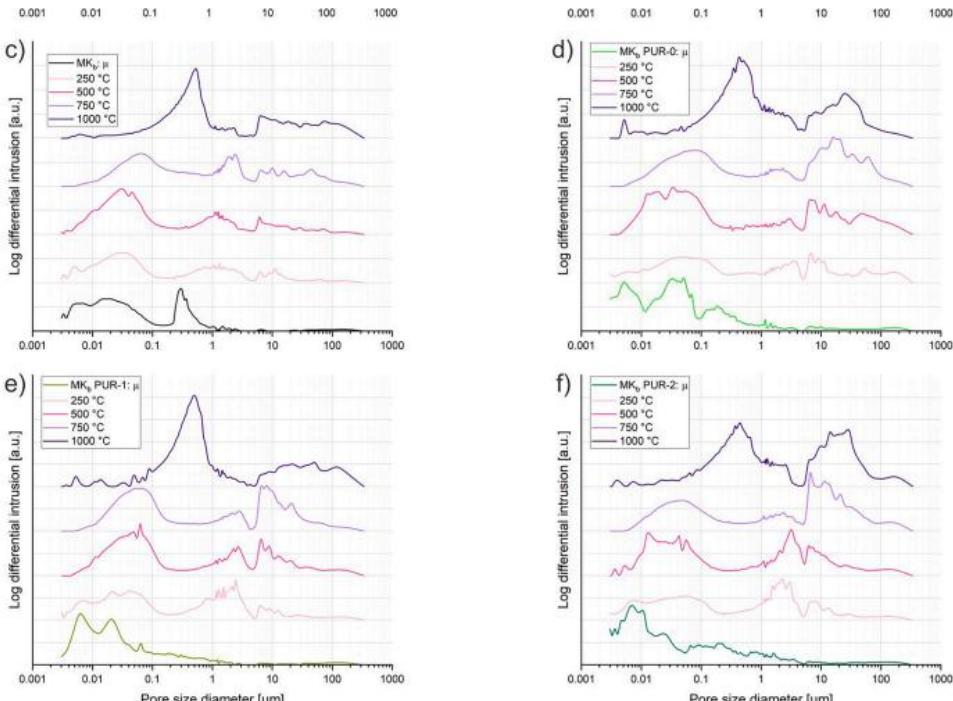


Fig. 5. MIP pore size distribution for composite samples made from a) PUR<sub>mix</sub> (1–5 g) and b-f) PUR-0, PUR-1, PUR-2 (3 g) in comparison to geopolymers without PUR (black and grey), untreated and treated with microwaves ( $T_0$  and  $\mu$ , respectively). c-f) MIP pore size distribution for irradiated composites with pure PURs compared to MK<sub>b</sub> at elevated temperatures.

when a material with a much smaller density is added, is valid (if no chemical reaction occurs between the materials). Because PURs integrated into geopolymers are grinded (the structure is destroyed, pores conferring lower  $\rho_g$  and  $\rho_G$  to the PUR are absent, Fig. 1 c-2 to c-4), its contributing density in the composite is (mainly) skeletal (Fig. 6 b), as can be seen in Table 4a-c (the formula used for calculations is in appendix Eq. (E.1), as are the graphs for all four combinations for each PUR in Fig. E1; the Excel file for the calculation of the composite density is in the Supplement, where mass of added PURs can be changed

without restrictions). Namely, the 14-day-old measured  $\rho_G$  (bold black values in Table 4a) can be compared to the calculated  $\rho_G$  where inclusions contribute with their  $\rho_s$  (blue bolded values in Table 4b). Notably, at 14 d, the samples retain a certain amount of water. Therefore, the calculations are also conducted on the entire slurry (and not just on solid material), providing the maximum possible value for density.

In Table 4b is presented calculated  $\rho_G$ , when the mass of added PUR is 3 g (like in this study), and in Table 4c is calculated  $\rho_G$  when the mass



# Načini objav podatkov

Raziskovalni podatki objavljeni kot članek (Data article)

Primer:

<https://www.sciencedirect.com/science/article/pii/S2352340922006163?via%3Dihub> (Science Direct)

V COBISS-u jih težko najdemo, saj so pod tipologijo 1.01 ali 1.03. Morda bi morali razmisliti o uvedbi nove tipologije ali iskalnem kazalniku v COBIB?

Data in Brief 43 (2022) 108419



## Data Article

Data on residential nearly Zero Energy Buildings (nZEB) design in Eastern Europe

Shady Attia

Department UEE, Sustainable Building Design Lab, Faculty of Applied Sciences, Université de Liège, Belgium



## Value of the Data

- The data is valuable for the building energy efficiency research community, including building energy professionals, building energy systems inventors, and scientists who seek to build future scenarios for energy efficiency and carbon emissions. Scientists engaged in building science, architecture, mechanical engineering, and climate engineering are secondary research beneficiaries. More importantly, the data allows scientists to design energy policies that translate design data and code requirements for full electric, energy neutral, and carbon-neutral buildings.
- The data provide quantitative information on the design requirements of nearly Zero Energy Buildings (nZEBs) across Eastern Europe between 2015 and 2020. The provided data can be used to develop energy conservation measures and build energy models for energy loads in buildings and the future carbon emissions of residential buildings. Provided data account for European carbon neutrality targets.
- The data give insight into the implications of nZEB implementations on energy consumption, heating and cooling energy needs, thermal comfort, renewable production, and selected energy efficiency measures.

## 1. Data Description

This study collected data from fourteen stakeholders involved in the ten countries to develop nZEB performance requirements, classify them, and fuse them into shared data. The data is externally deposited in a publicly available repository [1]. Three files in the format of an Excel sheet and pdf document representing Tables, images and data sheets are available in the dataset.



# Načini objav podatkov

Raziskovalni podatki  
objavljeni v repozitoriju  
kot spremno gradivo  
članka

Primer:

podatki:

<https://datadryad.org/stash/dataset/doi:10.25338/B82G9B>  
(Dryad),

članek

[https://journals.plos.org/plos\\_one/article?id=10.1371/journal.pone.0237295](https://journals.plos.org/plos_one/article?id=10.1371/journal.pone.0237295) (PlosOne)



DRYAD

0 ns and 75 ns configurations of glycosylated ACE2-FC and its interaction with SARS-CoV-2 binding domains

Faller, Roland ; Bernardi, Austen ; Huang, Yihan ; Harris, Bradley ; Xiong, Yongao ;  
; Nandi, Somen ; McDonald, Karen

Author affiliations ▾

Published Aug 03, 2020; Updated Aug 15, 2020 on Dryad. <https://doi.org/10.25338/B82G9B>

Data files

|                              |          |
|------------------------------|----------|
| ▲ Aug 03, 2020 version files | 23.41 MB |
| ACE2_Fc_GnGnXF_0ns.pdb       | 2.66 MB  |
| ACE2_Fc_GnGnXF_75ns.pdb      | 2.66 MB  |
| ACE2_Fc_GnGnXF_SF_0ns.pdb    | 3.16 MB  |
| ACE2_Fc_GnGnXF_SF_75ns.pdb   | 3.16 MB  |
| ACE2_Fc_MAN8_0ns.pdb         | 2.70 MB  |
| ACE2_Fc_MAN8_75ns.pdb        | 2.70 MB  |
| ACE2_Fc_MAN8_SF_0ns.pdb      |          |
| ACE2_Fc_MAN8_SF_75ns.pdb     |          |

Download

Who v

Related works

Primary article From: [PLOS ONE](#)

<https://doi.org/10.1371/journal.pone.0237295>

Preprint

<https://doi.org/10.1101/2020.05.05.050795>

PUBLISH

ABOUT

BROWSE

SEARCH



advanced search

PLOS ONE

OPEN ACCESS PEER-REVIEWED  
RESEARCH ARTICLE

Development and simulation of fully glycosylated molecular models of ACE2-Fc fusion proteins and their interaction with the SARS-CoV-2 spike protein binding domain

Austen Bernardi, Yihan Huang, Bradley Harris, Yongao Xiong, Somen Nandi, Karen A. McDonald, Roland Faller

Published: August 5, 2020 • <https://doi.org/10.1371/journal.pone.0237295>

|            |             |
|------------|-------------|
| 93 Save    | 40 Citation |
| 5,695 View | 1 Share     |

| Article | Authors | Metrics | Comments | Media Coverage |
|---------|---------|---------|----------|----------------|
| ▼       |         |         |          |                |

Abstract

Introduction

Materials and methods

Abstract

We develop fully glycosylated computational models of ACE2-Fc fusion proteins which are promising targets for a COVID-19 therapeutic. These models are tested in their interaction with a fragment of the receptor binding domain (RBD) of the Spike Protein S of the SARS-CoV-2

|                   |       |
|-------------------|-------|
| Download PDF      | ▼     |
| Print             | Share |
| Check for updates |       |

Included in the



# Načini objav podatkov

Raziskovalni podatki objavljeni samostojno v repozitorijih:  
ADP, Clarin,  
Zenodo, Dryad,  
DKUM, DKUL,  
DiRROS ...

## Izpis gradiva

Naslov: Simulated and experimental HDEMG signals of biceps brachii muscle for analysis of motor unit merging

Avtorji: [Holobar, Aleš](#), System Software Laboratory, Faculty of Electrical Engineering and Computer Science, University of Maribor, Slovenia (Avtor)

[Škarabot, Jakob](#), School of Sport, Exercise and Health Sciences, Loughborough University, Loughborough, UK (Avtor)

[Farina, Dario](#), Imperial College London, UK (Avtor)

Datoteke: [DKUM\\_introduction.pdf](#) (125,29 KB)  
MD5: B127DC886FFEDAEC0FDDBD4BFD0B6953A

[Kutovs et al\\_ERK2023\\_HDEMG\\_Biceps\\_Brachii\\_Dataset\\_v1.0.0.zip](#) (1,53 GB)  
MD5: CB43EF438AC6DA9955D6F50D975F3C0

### Simulated and experimental HDEMG signals of biceps brachii muscle for analysis of motor unit merging

Dataset, published on May 29th 2024

#### GENERAL INFORMATION

Title of dataset: Simulated and experimental HDEMG signals of biceps brachii muscle for analysis of motor unit merging

Author 1 name: Aleš Holobar

ORCID: <https://orcid.org/0000-0001-8338-5978>

Institution: System Software Laboratory, Faculty of Electrical Engineering and Computer Science, University of Maribor, Slovenia

Address: Koroska cesta 46, 2000 Maribor, Slovenia

Email: [ales.holobar@um.si](mailto:ales.holobar@um.si)

<https://dk.um.si/IzpisGradiva.php?id=88844>

Citiraj gradivo  
HOLOBAR, Aleš, ŠKARABOT, Jakob in FARINA, Dario, 2024, Simulated and experimental HDEMG signals of biceps brachii muscle for analysis of motor unit merging [na spletu]. Zaključena znanstvena zbirka raziskovalnih podatkov. 2024. s. n. [Dostopano 13 novembra 2024]. Pridobljeno s: <https://dk.um.si/IzpisGradiva.php?lang=slv&id=88844>  
[Kopiraj citat](#)

#### Licence

Licenca: CC0 1.0, Creative Commons CC0 1.0 Univerzalna



Povezava: [https://creativecommons.org/publicdomain/zero/1.0/deed\\_sl](https://creativecommons.org/publicdomain/zero/1.0/deed_sl)

Opis: CC Zero omogoča znanstvenikom, izobraževalcem, umetnikom in drugim ustvarjalcem ter lastnikom vsebin, zavarovanih z avtorsko pravico ali zbirko podatkov, da se odpovejo pravicam na svojih delih in jih tako čim bolj celovito predajo v javno domeno, da bodo drugi lahko prosto gradili, izboljševali in ponovno uporabljali dela za kakršne koli namene brez omejitev v skladu z zakonodajo o avtorskih pravicah ali zbirkah podatkov.

Začetek licenciranja: 29.05.2024

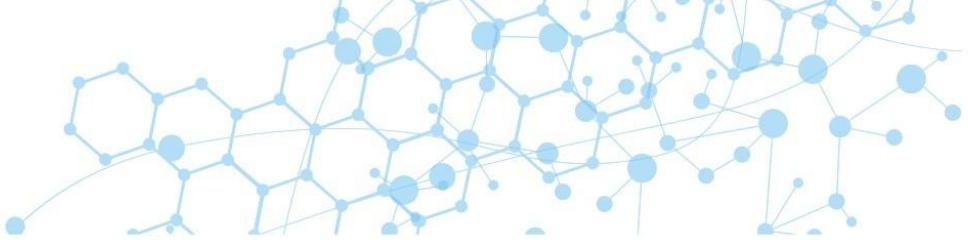
#### METHODOLOGICAL INFORMATION

##### Description of methods used for collection/generation of data:

The synthetic multichannel sEMG data were generated by a multilayer cylindrical conductor model [1] for the biceps brachii muscle.

##### Model parameters:

- Motor unit conduction velocity: 4 m/s
- Tissue conductivities (in S/m):
  - Bone: 0.02
  - Muscle (radial and transverse): 0.1
  - Muscle (longitudinal): 0.5
  - Subcutaneous tissue: 0.05
  - Skin: 0.1
- - Muscle properties:
  - Number of motor units: 500
  - Number of muscle fibers: 165656
  - Number of fibers in a motor unit (range): 25 - 1500
  - Muscle cross-sectional area: 1413 square mm
  - Average fiber length: 130 mm
- - Skin thickness: 1 mm



# Različne vrste zbirk, ki vsebujejo podatke

**Bibliografske baze podatkov:** vsebujejo bibliografske podatke

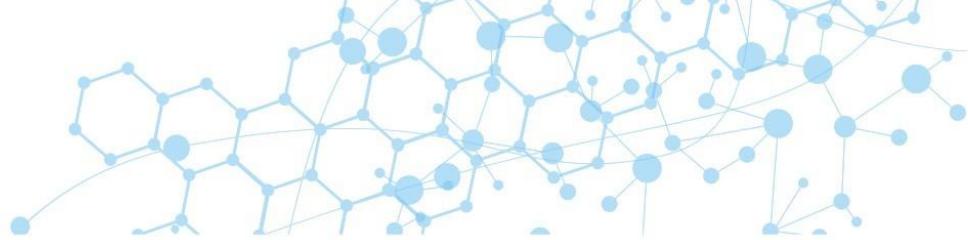


WEB OF SCIENCE™



Scopus®

Mednarodne bibliografske baze podatkov,  
ki se upoštevajo pri kategorizaciji znanstvenih publikacij (BIBLIO-A) ?  
2023



# Različne vrste zbirk, ki vsebujejo podatke

**Repozitoriji in arhivi:** raziskovalcem omogočajo arhiviranje in deljenje rezultatov svojih raziskav.



Digitalna  
Knjižnica  
Univerze v  
Mariboru



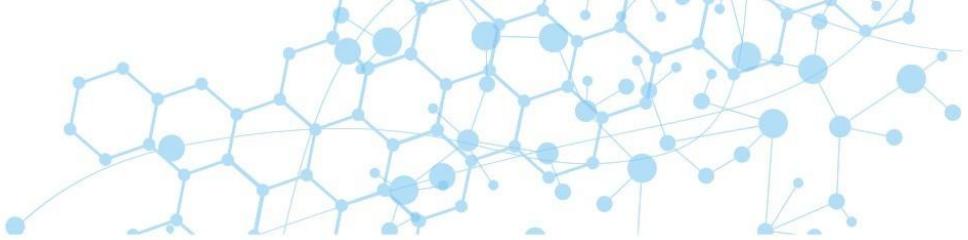
Univerza v Ljubljani



DiRROS

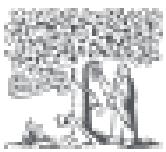
Digitalni repozitorij raziskovalnih organizacij Slovenije





## Različne vrste zbirk, ki vsebujejo podatke

**Zbirke revij pri založnikih:** platforme velikih založnikov znanstvenih revij



ScienceDirect<sup>®</sup>

WILEY



Springer

**Faktografske baze podatkov:** zbrana dejstva in podatki, ki so na voljo za nadaljnjo analizo in uporabo

statista



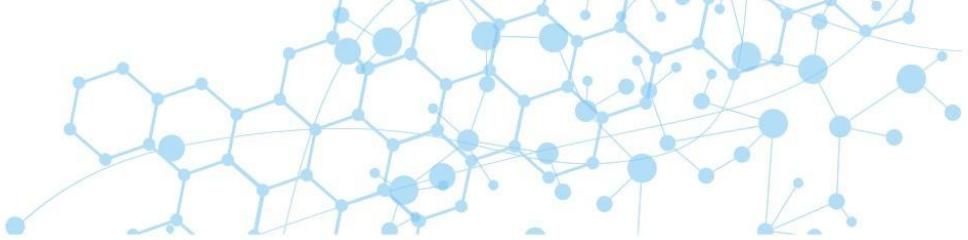
WORLD BANK GROUP

Data

eurostat



REPUBLIKA SLOVENIJA  
STATISTIČNI URAD



# Iskanje podatkov



Google Dataset Search

<https://datasetsearch.research.google.com>



kaggle



European data

[data.europa.eu](http://data.europa.eu) The official portal for European data

OpenDOAR



Global Health Observatory data repository



in v prej navedenih zbirkah s podatki



# Možnosti iskanja podatkov

- ✓ Po repozitorijih (institucionalnih – DKUM, DKUL; DiRROS; področnih – ADP, Clarin, ...)



Digitalna  
Knjižnica  
Univerze v  
Mariboru



- ✓ Po katalogih repozitorijev (npr. Re3Data, FAIRsharing)



- ✓ Po COBISSu: tipologije 1.01, 1.02 in 2.20



- ✓ Pri posameznih založnikih



# Iskanje podatkov – generični iskalniki



type

- dataset 7.540.000
- article 0
- book-chapter 0
- preprint 0
- dissertation 0

vegan: Community Ecology Package  
2001 · Jari Oksanen, Gavin L. Simpson, et al.

Cited by 21.520

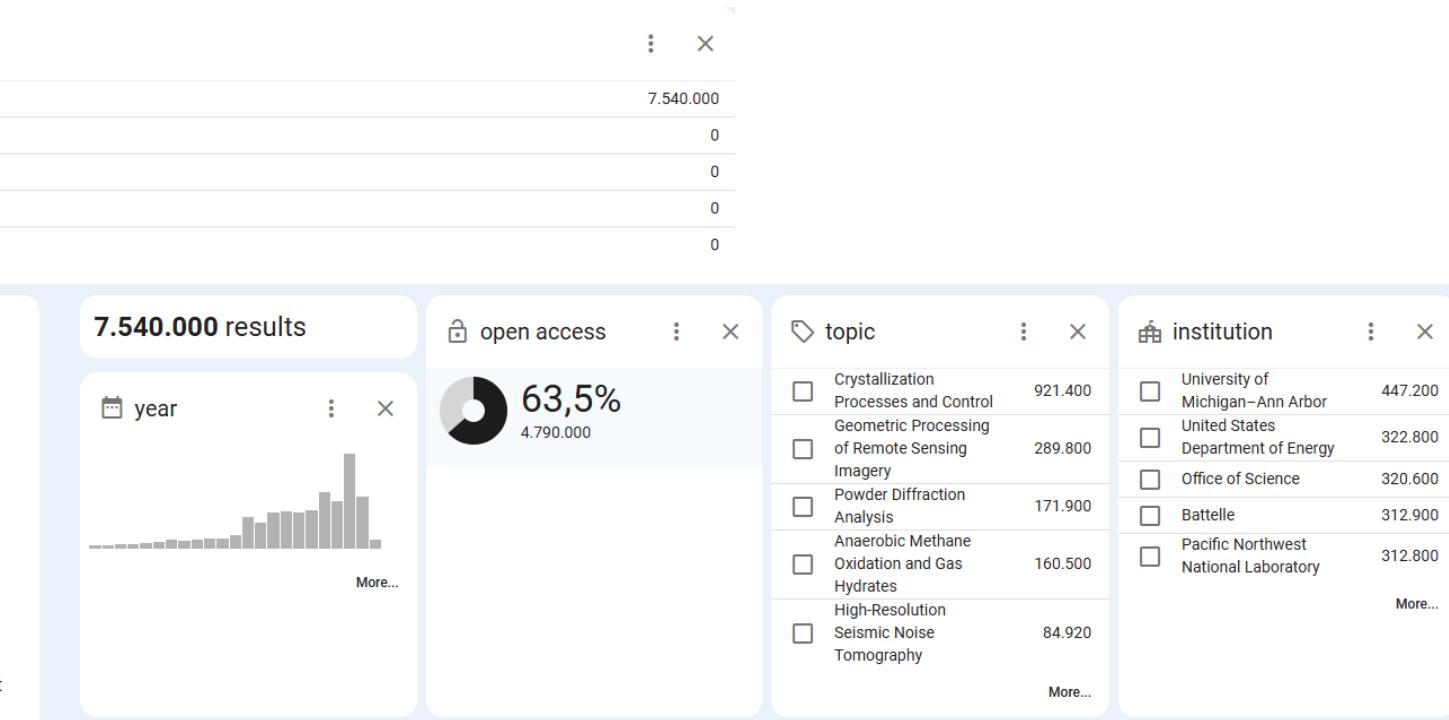
Qualitative research: Methods in the social sciences  
2006 · Bruce L. Berg · PsycEXTRA Dataset

Cited by 10.850

Cognitive Therapy for Depression  
2012 · Steven D. Hollon, Aaron T. Beck · PsycEXTRA Dataset

Cited by 9.965

Clinical guidelines on the identification, evaluation, and treatment of overweight and obesity in adults: The evidence report





# Iskanje podatkov – generični iskalniki

Google Dataset Search  
<https://datasetsearch.research.google.com>

## Dataset Search

kibernetic atack

Versuchen Sie es mit [Coronavirus \(bzw. COVID-19\)](#) oder [water quality site:canada.ca](#).

[Weitere Informationen zu Dataset Search](#)

Google

Mehr als 100 Datensätze gefunden

 Multi-Step Cyber-Attack Dataset (MSCAD for Intrusion...  
test.ieee-dataport.org  
ieee-dataport.org  
Aktualisiert: Jun 18, 2022

 Share of cyberattacks in worldwide regions 2023, by...  
statista.com  
proxy.parisjc.edu  
+3Mehr  
Aktualisiert: Jul 30, 2024

 Dataset with cyber attacks in HoneySELK  
commons.datacite.org  
ieee-dataport.org  
Aktualisiert: Sep 3, 2020

 Key cyber attack vectors in smart mobility 2023  
bobcaton.com

Q kibernetic attack

### Multi-Step Cyber-Attack Dataset (MSCAD for Intrusion Detection)

Mehr unter: [test.ieee-dataport.org](https://test.ieee-dataport.org) [ieee-dataport.org](https://ieee-dataport.org)

#### Eindeutige Kennzeichnung

<https://doi.org/10.21227/phr0-e264>

#### Datensatz aktualisiert

Jun 18, 2022

#### Datenpool bereitgestellt von

IEEE Dataport

#### Autoren

Mohammad Almseidin

#### Lizenz

[Attribution 4.0 \(CC BY 4.0\)](#)

Lizenzinformationen wurden automatisch abgeleitet

#### Beschreibung

Nowadays, with the rapid increase in the number of applications and networks, the number of cyber multi-step (IDS) solution is becoming urgent to protect the networks and devices. However, implementing a robust IDS step attacks. In this work, a new benchmark Multi-Step Cyber-Attack Dataset (MSCAD) is introduced. MSCAD is a volume-based Distributed Denial of Service (DDoS) attack. The MSCAD was assessed in two manners; fi Under Curve (AUC). Secondly, the MSCAD was compared with other free open-source and public datasets ba the best performance with G-mean of 0.83 and obtained good accuracy to detect the attacks. Besides, the M



# Iskanje podatkov – generični iskalniki



RESEARCH PRODUCTS (64M) PROJECTS (3M) DATA SOURCES (141K) ORGANIZATIONS (321K)

## Filters

140,813 Data Sources

### Type

- Journal Archive (128,169)
- Repository (10,831)
- CRIS System (1,358)
- Research Entity Registry (256)
- Aggregator (178)
- Catalogue Of Research Prod... (20)

[View less >](#)

Top 100 values are shown in the filters

Sort by  
Name

- Aggregator (178)
- CRIS System (1,358)
- Catalogue Of Research Prod... (20)
- Journal Archive (128,169)
- Repository (10,831)
- Research Entity Registry (256)
- Scientific Database (1)

### I3 Biodiversity

Journal • Finland • Compatibility: OpenAIRE Basic (DRIVER OA) • Partners: I3 Press

Website URL: <https://biodiversity.i3press.fi>

I3 Biodiversity is an open access online journal, publishes original research articles, notes as well as review articles in all conservation. This journal covers multidisciplinary academic fields, which embraces all life-forms. We welcome articles

[Share](#)

### CAIDA Data

Data Repository • United States • Compatibility: Not yet registered • Partners: NSF, UCSD, SDSC, ARIN, DAF Engineering Sciences, Computer Science, Electrical and System Engineering

re3data: r3d100010195

Website URL: <https://catalog.caida.org/>

[Share](#)

### Mise en Abyme. International Journal of Comparative Literature

Journal • Italy • Compatibility: collected from a compatible aggregator • Partners: Bel-Ami Edizioni • Fine Arts: Arts in general | Language and Literature: Philology, Linguistics: Communication, Mass media | Lar literature - Italian literature - Spanish literature - Portuguese literature

## Collected from

Crossref (96,383)

DOAJ (24,328)

OpenDOAR (6,551)

Registry Of Research Dat... (3,258)

TÜBİTAK ULAKBİM DergiPark (2,71)

FAIRsharing (2,280)

[View all >](#)

## Compatibility Level

Collected From A Compa... (123,491)

Not Yet Registered (14,750)

OpenAIRE Basic (DRIVER OA) (983)

OpenAIRE 3.0 (OA, Funding) (869)

OpenAIRE PubRepos V4.0 (318)

OpenAIRE 2.0 (EC Funding) (114)

[View all >](#)



# Iskanje podatkov – generični iskalniki



[video tutorial](#)

**DataCite Commons**

Type to search...

Works People Organizations Repositories

Works People Organizations Repositories

Search repositories by repository name or keyword(s).

Examples:

- Dryad
- biology

Documentation is available in DataCite Support.



## Criterias Compliance

- Enabling FAIR Data Project
- FAIR's FAIR Project

## Certificates

- CoreTrustSeal 3
- CLARIN certificate 1
- B 1
- other 1

## Software

- other 5
- unknown 3
- DSpace 1
- Other 1

computer science

Works People Organizations Repositories

## 15 Repositories

### GroupLens Datasets

GroupLens is a research lab in the Department of Computer Science and specializing in recommender systems, online communities, mobile and information systems.

[humanities and social sciences](#) [psychology](#) [social sciences](#) [soc](#)  
[engineering sciences](#) [computer science, electrical and system engin](#)  
[eachmovie](#) [jester](#) [book-crossing](#) [wikilens](#) [hetrec 2011](#) [mo](#)

More info about GroupLens Datasets Repository

[Go to GroupLens Datasets Repository](#)

### CLARIN-UK

CLARIN-UK is a consortium of centres of expertise involved in research and development in the field of language resources and computer science.



# Iskanje podatkov – generični iskalniki

The screenshot shows the homepage of re3data.org. At the top, there is a search bar with a placeholder "Search..." and a "Search" button. Below the search bar, the re3data.org logo is displayed with the text "REGISTRY OF RESEARCH DATA REPOSITORIES". To the right of the logo is a navigation bar with "Search" and "Browse" buttons. A red circle highlights the "Browse" button, which has a dropdown menu showing "Browse by subject" and "Browse by country". Below the navigation bar, the text "Found 4 result(s)" is displayed. The results are listed in a card-based format:

- MODES**  
Modal view of atmospheric circulation
- Slovenian Social Science Data Archives**  
ADP
- CLARIN.SI repository**  
Slovenian CLARIN repository
- InGeoCloudS**  
Inspired GEOdata CLOUD Services



# Iskanje podatkov – generični iskalniki

## OpenDOAR

Repository Name

### Browse by Country and Region

View: [by Name](#) | [by Software](#) | [Statistics](#)

Jump to: [C](#) | [D](#) | [E](#) | [I](#) | [J](#) | [P](#) | [R](#) | [S](#)

Number of items: 14.

Slovenija:

- CLARIN
- DKUM
- Digital Library of Slovenia
- Digital repository of Slovenian research organizations
- dCOBISS.SI Digital Repository
- ELPUB Digital Repository
- ePrints.FRI
- Journal of Health and Rehabilitation Sciences repository
- PeFprints
- Repository of University of Nova Gorica
- Repository of University of Primorska
- Repository of colleges and higher education institutions
- Repository of the University of Ljubljana
- SciVie



# Iskanje podatkov – primer dobre prakse Utrecht University

## Data Repository Finder

**1. Are you looking for a repository managed by Utrecht University?**

Yes  Not necessarily

This Data Repository Finder can help you choose the data repository that fits your needs when sharing and publishing your research data. For more information you can consult the Guide Publishing and sharing data or contact RDM Support.

**2. Will you publish data under access restriction?**

Yes  Not necessarily

**4TU.Centre for Research Data**

**4TU.RESEARCH DATA**

**DANS**  
Data Archiving and Networked Services

**DANS DATA STATIONS**

**3. Are you looking for a repository with the option to deposit for free?**

Yes  Not necessarily



**DATAVERSE NL**



**DRYAD**

**4. Do you wish to have the freedom to choose your own data usage licence?**

Yes  Not necessarily



**MENDELEY DATA**



**OPEN SCIENCE FRAMEWORK (OSF)**

**5. Do you want to be able to create a private URL?**

Yes  Not necessarily



**YODA**



**ZENODO**

Iskanje reponzitorija: Re3data.org, [Data Repository Finder](#) ([4TU.RESEARCH DATA](#), [MENDELEY DATA](#), [DRYAD](#), [OSF](#), [ZENODO](#))

# Objava in delitev podatkov

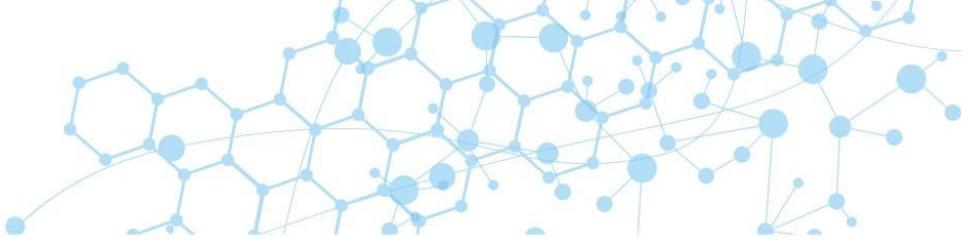
Ne glede na to, kateri javni repozitorij izberete, preverite:

- ✓ ali ima znak kakovosti, kot je certifikat CoreTrustSeal  
<https://www.coretrustseal.org/about/>,
- ✓ trajni identifikator (npr. doi, PID),
- ✓ Zagotavlja dolgotrajno hranjenje,
- ✓ Kakšen je strošek glede na velikost podatkov,
- ✓ V kateri državi se podatki hranijo, saj zapadejo pod njihovo zakonodajo,
- ✓ Omogoča delni dostop pri zaščitenih podatkih (npr. pri anonimizaciji),
- ✓ Lahko določi raziskovalec licenco,

# Objava in delitev podatkov

Pri oddaji je potrebno dodati metapodatke, ki opišejo oddane raziskovalne podatke. Te naj vsebujejo:

- ✓ ime datoteke,
- ✓ licenco,
- ✓ kratek opis (povzetek) raziskave,
- ✓ opis podatkov in namena raziskave,
- ✓ podrobnosti o formatu in strukturi podatkov,
- ✓ navodila za interpretacijo in uporabo podatkov,
- ✓ informacije o programski in strojni opremi, ki je bila uporabljena za pridobivanje in obdelavo raziskovalnih podatkov,
- ✓ informacije o programski opremi ali orodjih, potrebnih za dostop do podatkov,
- ✓ datum zadnje posodobitve podatkov.



# Priporočeni viri oz. dobre prakse:

1. [4TU Research data.](#)
2. [Data Reuse Stories. Some concrete cases involving several institutions and consortia in Europe](#)
3. [Developing a Data Reuse Strategy for Solving Public Problems.](#)
4. [Healey, R.: The Importance of Data Lifecycle Management: What It Is And Why You Need It.](#)
5. [Kanza, S., Knight, N.J. Behind every great research project is great data management. BMC Res Notes 15, 20 \(2022\).](#)
6. [Longwood Research Data Management.](#)
7. [Maastricht University Data Processing&Storage Finder .](#)
8. [Maastricht University Research Data Management Support .](#)
9. [Research Data Oxford.](#)
10. [Rossiter, D.G., Dungait, J.A.J., Mulder, V.L. and Heuvelink, G.B.M. \(2022\), A new article type: The 'Data Article'. Eur J Soil Sci, 73: e13265.](#)
11. [Springer Nature Research Communities](#)
12. [UEF Data Support.](#)
13. [UK Data Archive.](#)
14. [University of Cambridge Research Data.](#)
15. [Utrecht University Data Repository Finder.](#)
16. [Utrecht University Data Storage Finder.](#)
17. [Utrecht University Research Data Management Support.](#)



PODPORA PRI UVAJANJU NAČEL ODPRTE ZNANOSTI V SLOVENIJI

Centralna tehniška knjižnica Univerze v Ljubljani  
*Central Technical Library at the University of Ljubljana*  
Trg republike 3, SI-1000 Ljubljana  
Slovenija / Slovenia

HVALA ZA POZORNOST

