The background of the slide is a composite image. The top portion shows a panoramic view of Lake Zurich with the city of Zurich in the distance and green hills. The middle and bottom portions show a close-up view of the ETH Zurich campus, featuring several large, classical-style buildings with prominent domes and tiled roofs. A large, semi-transparent red rectangle is overlaid on the left side of the image, containing the title and speaker information.

How to improve the metadata coverage and quality of open databases?

Simon Willemin
ETH Zurich, ETH Library
24 October 2024

International Open Access Week 2024 in Switzerland

Project TOBI (Towards Open Bibliometric Indicators)

Goal: Evaluating the quality of **open** scholarly metadata databases for **bibliometric purposes** regarding research affiliated with Higher Education Institutions (HEIs) in **Switzerland**

TOBI: **Towards Open Bibliometric Indicators**

ETH zürich

ETH Library

swissuniversities

TOBI is a project lead by the ETH Library and co-funded by swissuniversities. It aims to evaluate the quality of open bibliometric data sources regarding research affiliated with Swiss Higher Education Institutions. The project has started in Q1 2023 and will wrap up in Q2 2025.

- Timeline: March 2023 – June 2025
- Co-funded by swissuniversities
- Project website: <https://eth-library.github.io/tobi/>

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3. How to improve the publication metadata in open data sources?
 - Golden paths
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4. Future projects and events
5. Questions and discussion

An Open Access dashboard: COKI

Open Access Dashboard: COKI

OPEN ACCESS DASHBOARD

Open Access by country. Showing output counts, number and percentage of accessible outputs published between 2000 and 2023. You can sort and filter by region, subregion, number of publications (default filter is 1000 publications), and open access levels. You may also search for a specific country in the search bar at the top right.

COUNTRY **INSTITUTION**

INSTITUTION	OPEN ↓	BREAKDOWN PUBLISHER OPEN BOTH OTHER PLATFORM OPEN CLOSED	TOTAL PUBLICATIONS	OPEN PUBLICATIONS	LEARN MORE >
UNIVERSITY OF LAUSANNE	65%		62,650	40,679	LEARN MORE >
UNIVERSITY OF ZURICH	64%		111,216	71,682	LEARN MORE >
UNIVERSITY OF GENEVA	64%		67,373	43,119	LEARN MORE >
HES-SO VALAIS-WALLIS	64%		1,003	641	LEARN MORE >
UNIVERSITY OF BASEL	61%		57,552	35,028	LEARN MORE >
UNIVERSITY OF FRIBOURG	61%		19,951	12,124	LEARN MORE >
UNIVERSITY OF BERN	60%		84,390	50,952	LEARN MORE >
HES-SO UNIVERSITY OF APPLIED SCIENCES AND ART...	59%		8,610	5,065	LEARN MORE >
ZHAW ZÜRICH UNIVERSITY OF APPLIED SCIENCES	58%		6,449	3,744	LEARN MORE >
ETH ZÜRICH	56%		135,019	75,688	LEARN MORE >
UNIVERSITY OF LUCERNE	56%		4,492	2,514	LEARN MORE >
UNIVERSITY OF APPLIED SCIENCES AND ARTS OF...	56%		4,033	2,255	LEARN MORE >

FILTERS

REGION +

COUNTRY ×

SWITZERLAND ×

PUBLICATIONS & OA +

INSTITUTION TYPE ×

ARCHIVE

COMPANY

EDUCATION

FACILITY

GOVERNMENT

HEALTHCARE

NONPROFIT

OTHER

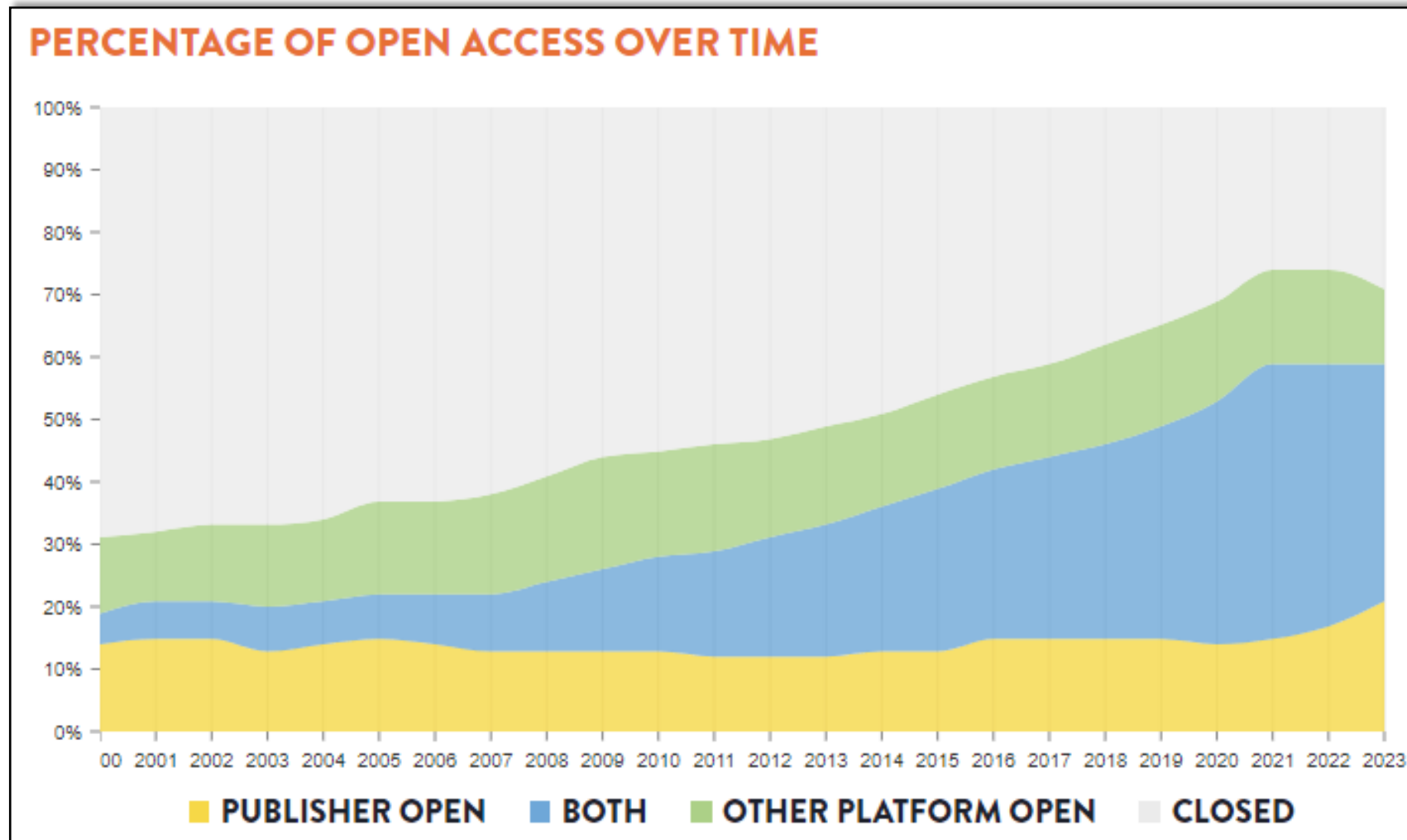
SELECT INSTITUTIONS +

APPLY CLEAR

Country: Switzerland
Institution type: Education

Data update: 7 October 2024

Open Access Dashboard: COKI



Country: Switzerland

Data update: 7 October 2024

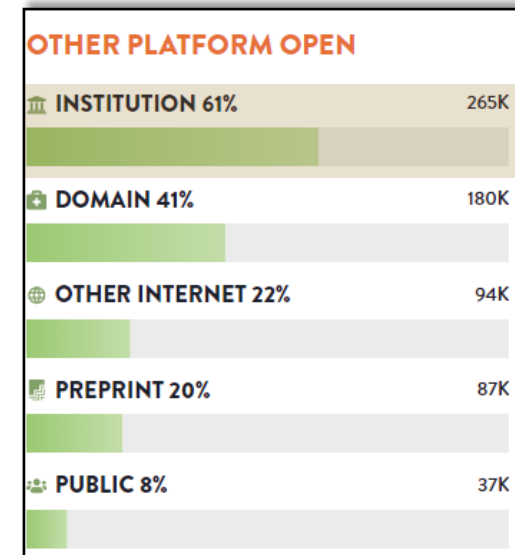
Open Access Dashboard: COKI

Locations for the green (and blue) part:

OTHER PLATFORM LOCATIONS			All Platform Type
Name	Platform Type	Publications	↓
PubMed Central	Domain	174K	
Europe PMC	Domain	89K	
arXiv	Preprint	59K	
University of Zurich - Zurich Open Repository and Archive	Institution	45K	
ETH Zurich - Repository for Publications and Research Data	Institution	35K	
Ecole Polytechnique Fédérale de Lausanne - Infoscience	Institution	28K	
Semantic Scholar	Public	28K	
Université de Lausanne - SERVAL	Institution	19K	
University of Geneva - Archive ouverte UNIGE	Institution	18K	
DOI	Other Internet	17K	

<< < 1 / 20 > >>

Country: Switzerland



Institutions play a significant role in making research outputs openly available

Open Access Dashboard: COKI

COKI is exclusively based on open data sources

DATASET	ROLE
Crossref Metadata	Citations, Paper Title, Journal Name
Crossref Funder Registry	Funder
Crossref Events	Social Media and Internet Events
OpenAlex	Affiliation, Subject
Unpaywall	Open Access Status
Research Organization Registry	Institution Identifiers
Open Citations	Additional citation information

Table 1. Datasets and their roles.

Crossref

OpenAlex

Unpaywall

ROR

OpenCitations

“Community over commercialization”: Open and closed data sources

International Open Access Week 2024: Theme

Community over Commercialisation

Open and closed data

A look back 3 years ago (May 2021)

Sources for publication data

Since scholarly publications are analysed for various purposes, not just monitoring Open Access, there is a market for this kind of data. Currently, a small number of commercial providers dominate this market, most notably Clarivate Analytics (Web of Science)⁹, Elsevier (Scopus)¹⁰ and Digital Science (Dimensions).¹¹ However, other open data sources, such as Crossref,¹² CORE,¹³ OpenAIRE,¹⁴ or Microsoft Academic,¹⁵ may become interesting alternatives.

Discontinued in
December 2021

Transferred to a membership
model in December 2022

Crossref

OpenAlex

OpenAIRE

Unpaywall

OpenCitations

ROR

Scopus
(Elsevier)

Web of Science
(Clarivate)

Dimensions
(Digital Science)

- Philipp, T., Botz, G., Kita, J.-C., Sanger, A., Siegert, O. & Reumaux, M. (2021). Open Access Monitoring: Guidelines and Recommendations for Research Organisations and Funders. <https://doi.org/10.5281/zenodo.4905554>
- Knoth, P. (2023, September 4-8), Towards sustainable open infrastructure: The case of CORE. Session 2: Ownership of scholarly infrastructures. OAI13 The Geneva Workshop on Innovations in Scholarly Communication <https://oai.events/oai13/>
- Microsoft Academic (2021, June 4), Next Steps for Microsoft Academic – Expanding into New Horizons. Microsoft Academic Blog. <https://www.microsoft.com/en-us/research/articles/microsoft-academic-to-expand-horizons-with-community-driven-approach/>

Open data in the context of the Research Assessment reform (DORA)

DORA: San Francisco Declaration on Research Assessment



DORA Declaration on Research Assessment

“For organizations that supply metrics

11. Be open and transparent by providing data and methods used to calculate all metrics.

12. Provide the data under a licence that allows unrestricted reuse, and provide computational access to data, where possible

13. Be clear that inappropriate manipulation of metrics will not be tolerated; be explicit about what manipulation and what measure

14. Account for the variation in a research articles), and in differences used, aggregated, or compared.”

<https://sfdora.org/read/>



DORA, *Guidance on the responsible use of quantitative indicators in research assessment*

- “Be clear”
- “Be contextual”
- “Be transparent”
- “Be fair”
- “Be specific”

Footnote 2: “Ideally also, any indicator used should be based on open data and algorithms so that anyone being evaluated can verify how it is calculated but many commonly used “off the shelf” indicators still rely on closed data.”

<https://doi.org/10.5281/zenodo.10979643>

More than 10 years after DORA’s publication, the use of open data appears to be an ideal rather than the norm

Open data in the context of the Research Assessment reform (CoARA)

CoARA: **C**oalition for **A**dvancing **R**esearch **A**ssessment (2022)

Principles for overarching conditions (p. 3)

“Ensure independence and transparency of the data, infrastructure and criteria necessary for research assessment and for determining research impacts; in particular by clear and transparent data collection, algorithms and indicators, by ensuring control and ownership by the research community over critical infrastructures and tools, and by allowing those assessed to have access to the data, analyses and criteria used.”

Research Assessment reform
and Open Science

- Possibly common values
- Different priorities

Annex 4: Practical tools and options to consider (p. 20)

“Diversify indicators (Open science badges; Publons, ORCID, open peer review; CRedit; Reporting guidelines e.g. EQUATOR Network) and metrics (Altmetrics, PlumX)”

Belongs to Clarivate since 2017,
owner of Web of Science

Belongs to Digital Science, owner of Dimensions

Belongs to Elsevier since 2017, owner of Scopus

A recent milestone from the Open Science movement

The Barcelona Declaration on Open Research Information
(16 April 2024)

BARCELONA
DECLARATION ON
OPEN RESEARCH
INFORMATION



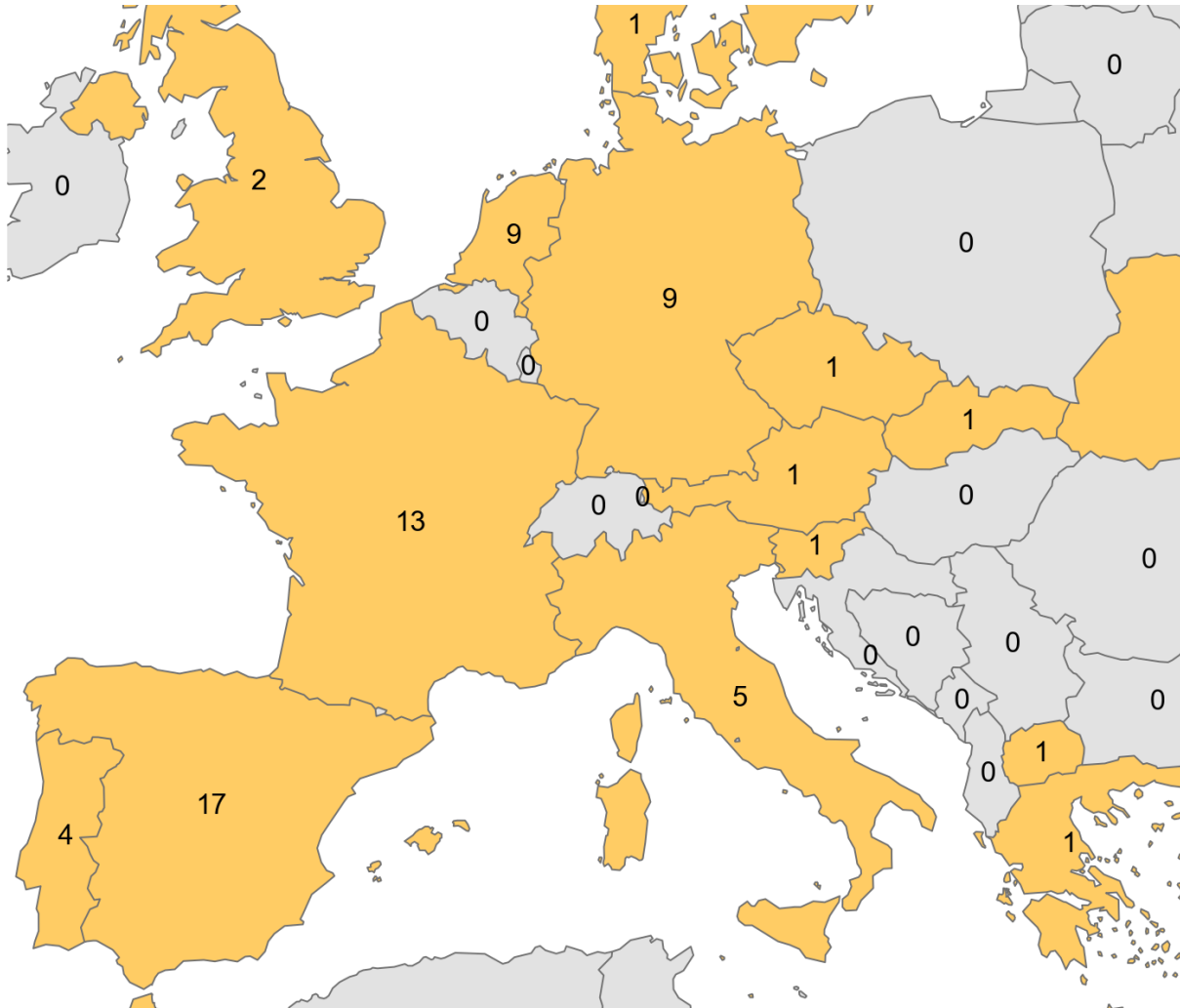
Commitment 4

We will support collective action to accelerate the transition to openness of research information

Barcelona Declaration on Open Research Information, <https://barcelona-declaration.org/resources/>

Collective actions to accelerate the transition

Number of signatories of the Barcelona Declaration by country
(international signatories not included)



- Countries with most signatories in Europe are:
 - Spain (17)
 - France (13)
 - Germany (9)
 - Netherlands (9)
 - Italy (5)
- Visibility of higher education institutions in the open scholarly data landscape may become a key factor to secure continuous funding opportunities, to foster partnerships and collaborations, and to attract talents
- As of 22 October 2024, no signatories in Switzerland (international signatories not included)
- However, in Switzerland, there is activity and awareness regarding the topic: many projects already have to do with open research information

Data source for the administrative boundaries: © EuroGeographics
Source for the number of signatories: <https://barcelona-declaration.org/signatories/>
Retrieval date: 22 October 2024
Chart: ETH Library

Examples of Open Science projects in Switzerland

Swiss National Open Access Strategy (2021-2024)

Examples of swissuniversities funded **projects** in the context of the Swiss National OA Strategy (currently) using **open** global scholarly metadata **databases** (OpenAlex, OpenAIRE...)

NOAM

- Swiss Open Access Monitor

<https://oam.oamonitor.ch/notes?culture=en>

Main data source for the journal monitor: OpenAlex
(the journal monitor was based on Dimensions prior to January 24, 2024)

AURORA

- Automatic Research Output Retrieval and self-archiving notification service for Authors

<https://www.zhaw.ch/de/forschung/forschungsdatenbank/projektdetail/projektid/7058/>

TOBI

- Towards Open Bibliometric Indicators

<https://eth-library.github.io/tobi/>

Openness score

- OA Dashboard, API, badges, reports...

Swiss National Open Access Strategy (2024 revision)

4.6 Pathway F: Monitor the OA transformation in terms of publications and costs

To strategically manage implementing the revised OA Strategy, it is necessary to monitor the OA landscape. These monitoring processes must assess not only publications, but also costs of the transformation at the institutional and national levels.

Key metadata for publications monitoring

- Publication identifier (publication_id, doi, title...)
- Information on time (date, year...)
- Publication type (article, book, preprint...)
- Affiliation (country, institution_name, ror_id...)
- OA status (is_oa, oa_status)

Key data for costs monitoring

- Article Processing Charges (apc_paid...)
- Payer (institution, author, funder...)
- Further information on costs (contracts with publishers, transformative agreements...)

https://www.swissuniversities.ch/fileadmin/swissuniversities/Dokumente/Hochschulpolitik/Open_Access/Swiss-National-Open-Access-Strategy-2024-en.pdf

Open Access in Switzerland according to five data sources

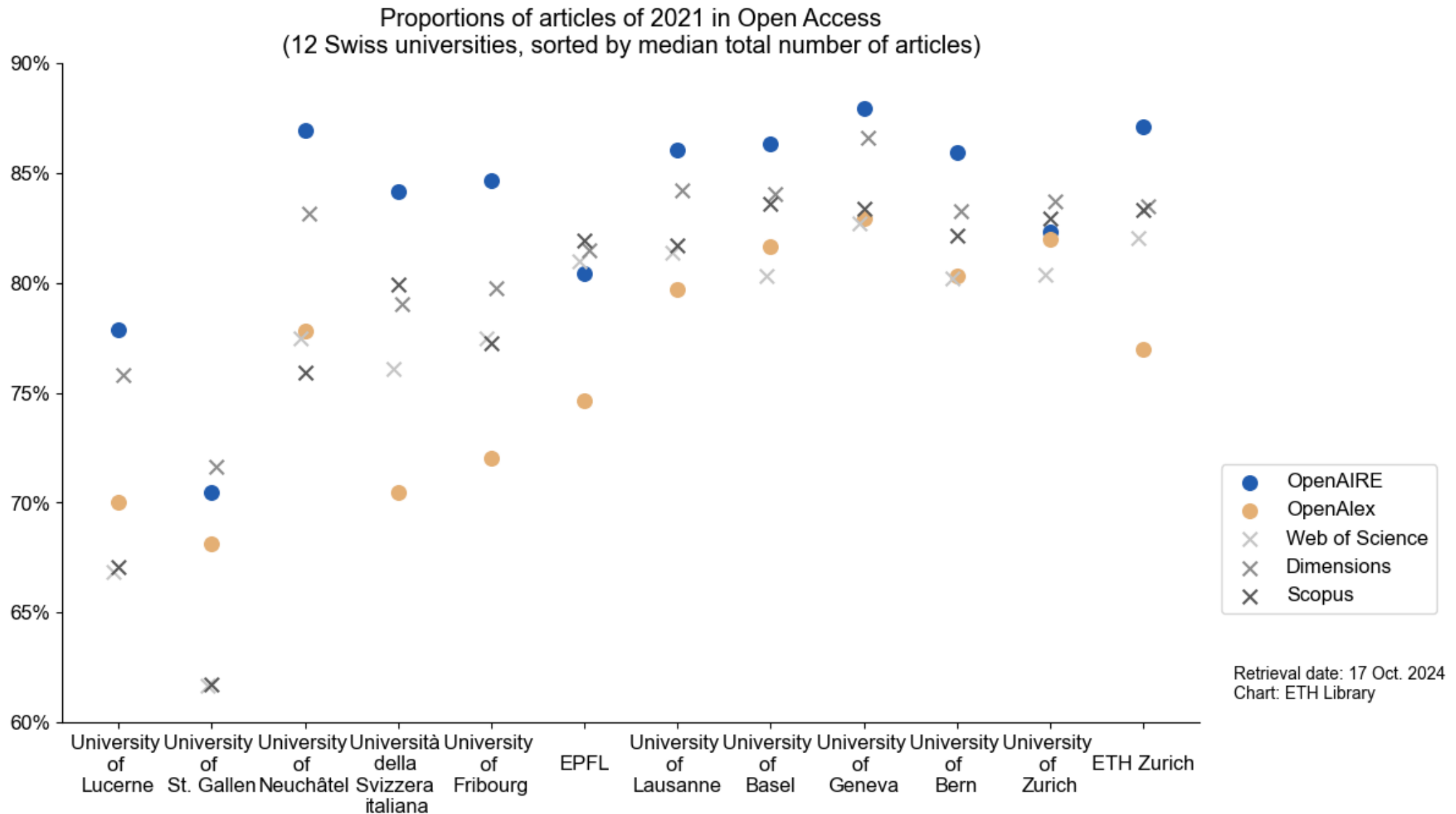


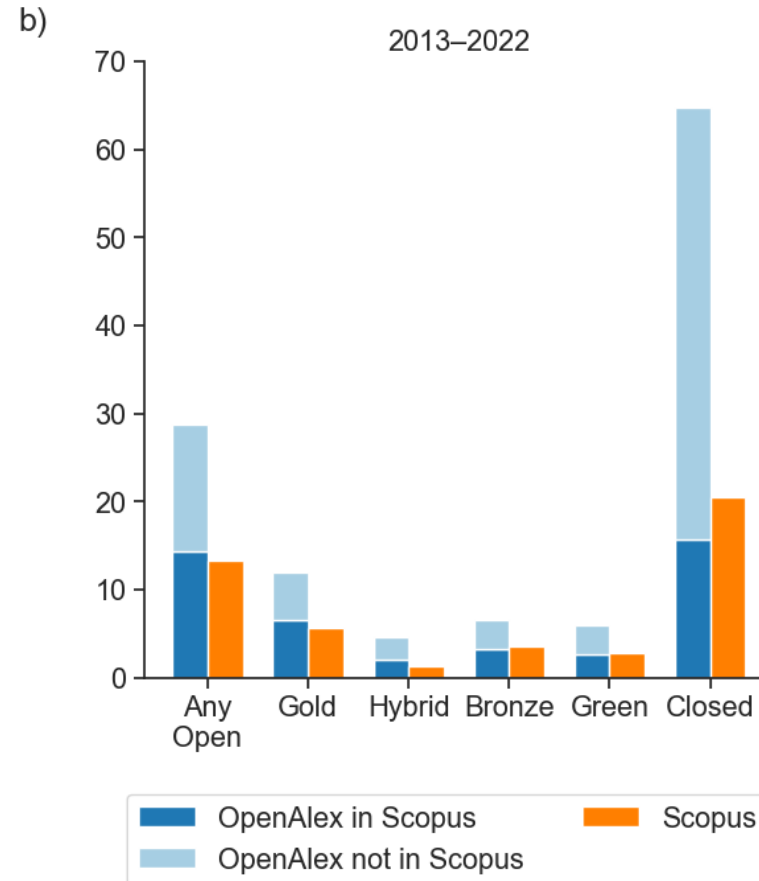
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Findings about OpenAlex

OpenAlex (OA status)

Figure 4: Comparison of Number of Works by OA Status Between OpenAlex and Scopus.



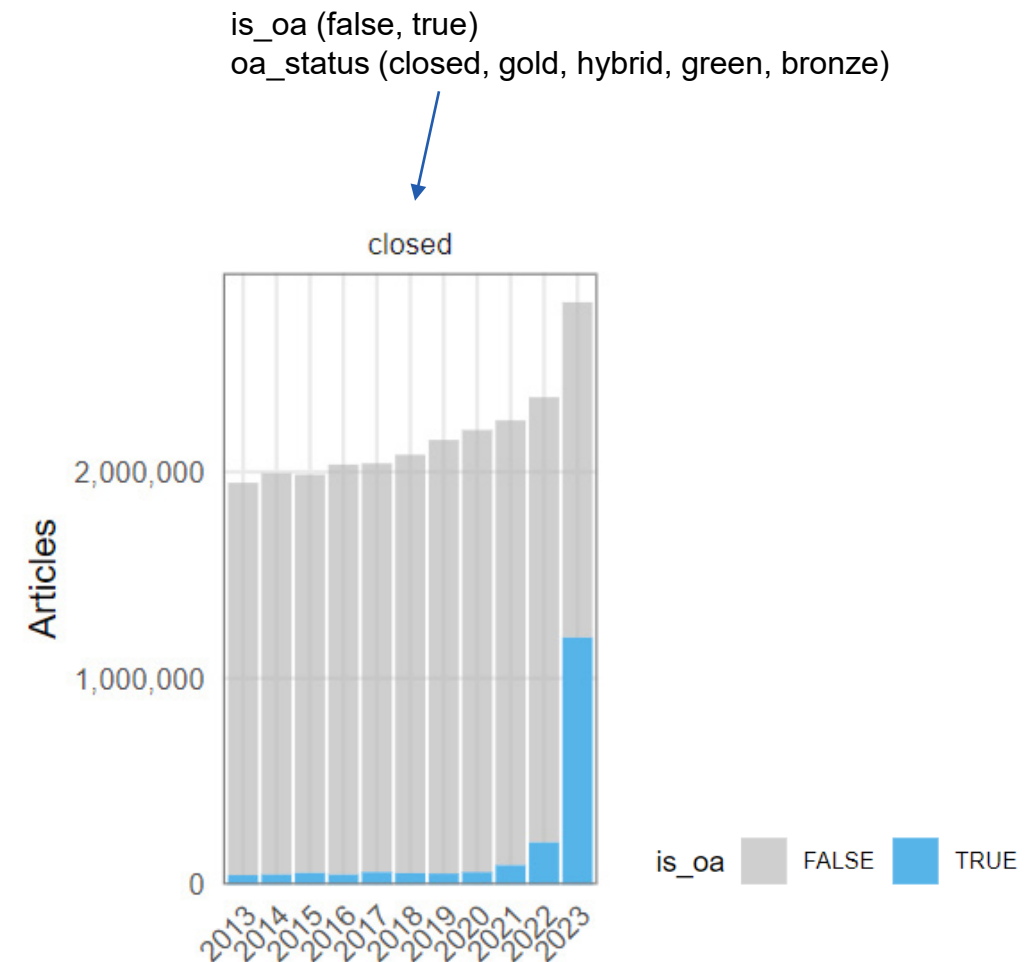
Time frame: All years; 2013-2022
Retrieval date: October 2023

Alperin, J. P., Portenoy, J., Demes, K., Larivière, V., & Haustein, S. (2024) An analysis of the suitability of OpenAlex for bibliometric analysis, <https://doi.org/10.48550/arXiv.2404.17663>

OpenAlex (OA status)

Analysing and reclassifying open access information in OpenAlex

We investigated OpenAlex and found over four million records with incompatible metadata about open access works. To illustrate this issue, we applied Unpaywall's methodology to OpenAlex data. The comparative analysis revealed a shift, with over one million journal articles published in 2023 that were previously labelled as "closed" in OpenAlex, being reclassified as "gold", "hybrid", "green", or "bronze".



Timeframe: 2013-2023
Retrieval date: October 2023

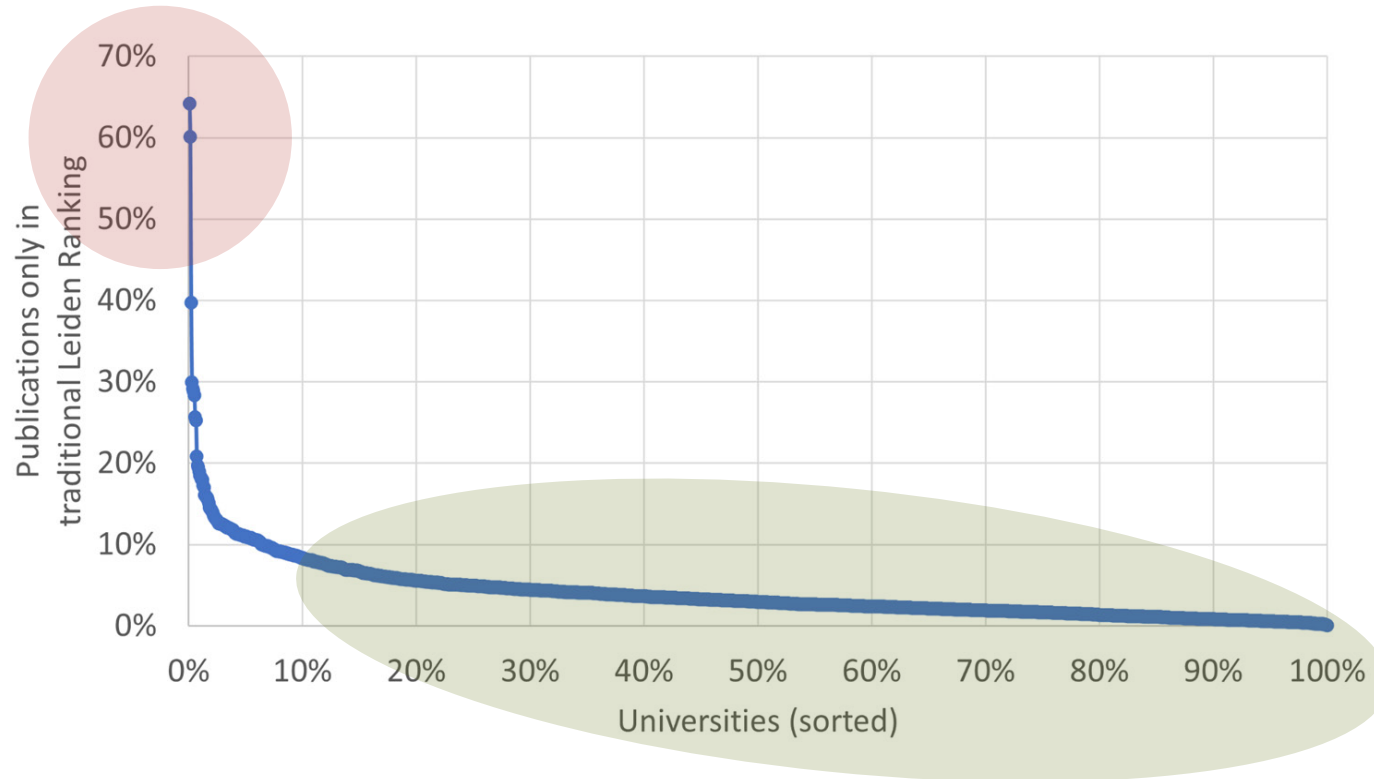
Jahn, N., Haupka, N., & Hobert, A. (2023, Nov. 7). Scholarly Communication Analytics: Analysing and reclassifying open access information in OpenAlex. Retrieved from https://subugoe.github.io/scholcomm_analytics/posts/oalex_oa_status/

Comparison between the Leiden Rankings (traditional and Open Edition)

Quotes from Ludo Waltman:

“One key question that we were facing is: Is the [open] data sufficiently accurate? [...] [H]ere we see the **discrepancies** between **Web of Science** and **OpenAlex**.”

“For some [universities], [...] [there are] **huge discrepancies**, sometimes bigger than 50%, but these are **exceptions**.”



“[F]or **most** universities, the **discrepancies** are **very small**.”

Retrieval dates: unknown (before 30 January 2024)

Quotes transcribed from the Lecture of Ludo Waltman during the fourth Swiss Year of Scientometrics event (SYoS 4, 24 April 2024), 00:54:15-00:54:50,

<https://video.ethz.ch/etc/designs/mmp/video/player.html?id=f20f2e21-5ea8-4c04-b9c2-0d535bc01c51&time=54m15s>

Waltman, L. (2024, June 14). Openness of research information - Democratizing the use of scientometrics. Zenodo. <https://doi.org/10.5281/zenodo.11652015>

See also: Van Eck, N. J., Visser, M., & Waltman, L. (2024, January 30). *Opening up the CWTS Leiden Ranking: Toward a decentralized and open model for data curation*. LeidenMadtrics. <https://www.leidenmadtrics.nl/articles/opening-up-the-cwts-leiden-ranking-toward-a-decentralized-and-open-model-for-data-curation>

Evolving landscape: OpenAlex release notes

Examples of recent release notes

- RELEASE 2024-07-30 [...]– used data from Pubmed to **reclassify 4M works** from type "article" to one of: editorial, erratum, letter, preprint, review, retraction [...]– delete 187,452 works: **deleted Zenodo records**. (merge into deleted id: W4285719527) [...]
- RELEASE 2024-09-27
 - **added ~14M affiliations** to works
 - **adjusted year** retrieved from Crossref, using the earliest from issued, published, approved, created, deposited. This affects **~20M works**. [...]

3 examples of data cleaning

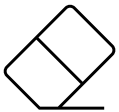
Icons for the 3 examples



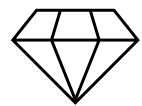
Start with a chart representing the raw proportions of OA publications



Examine the raw data to find whole series of unexpected records

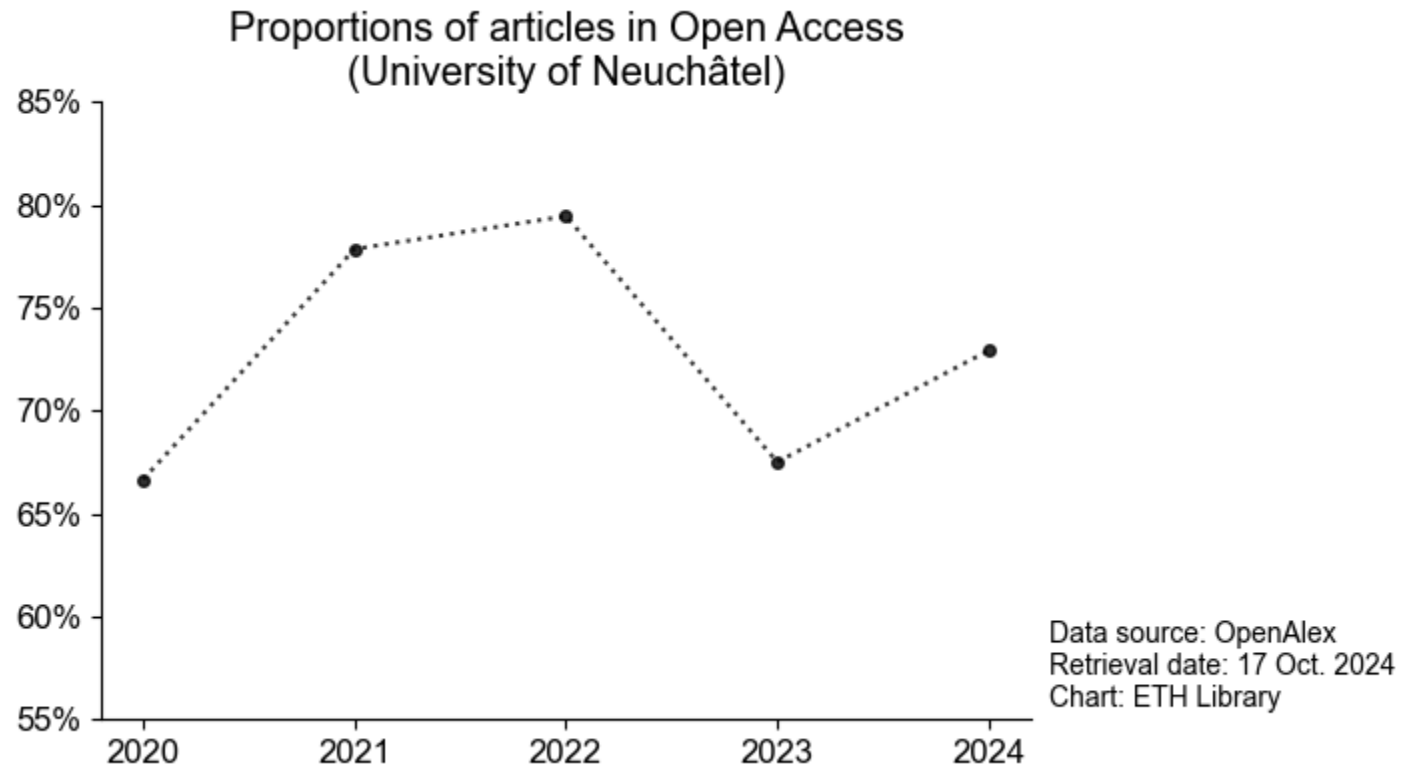


Eliminate series of records that might have introduced a bias in the analysis



Display the proportions of OA publications *before* and *after* having removed records

Example 1: Misattribution of publication type



Example 1: Misattribution of publication type



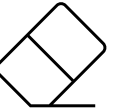
Most frequent titles (University of Neuchâtel, 2020-2024)

rank	title	type	id count	is_oa count
1	Data for EMSL Project 60184 from February 2023	article	74	0
2	Data for EMSL Project 60184 from October 2022	article	4	0
3	Zwitscher-Maschine. Journal on Paul Klee / Zeitschrift für internationale Klee-Studien No. 12 (Gesamtausgabe)	article	4	4
4	Primate phageomes are structured by superhost phylogeny and environment	article	3	3
5	A Framework for Untangling Transient Groundwater Mixing and Travel Times	article	2	1
6	Breaking antimicrobial resistance by disrupting extracytoplasmic protein folding	article	2	2
7	Does Educational Mismatch Affect Emigration Behaviour?	article	2	2
8	Finitely generated subgroups of branch groups and subdirect products of just infinite groups	article	2	2
9	Frontmatter	article	2	2
10	High-resolution kinetics of herbivore-induced plant volatile transfer reveal clocked response patterns in neighboring plants	article	2	2

"id count": The number of unique work identifiers with the same title

"is_oa count": The number of unique work identifiers in OA with the same title

Example 1: Misattribution of publication type

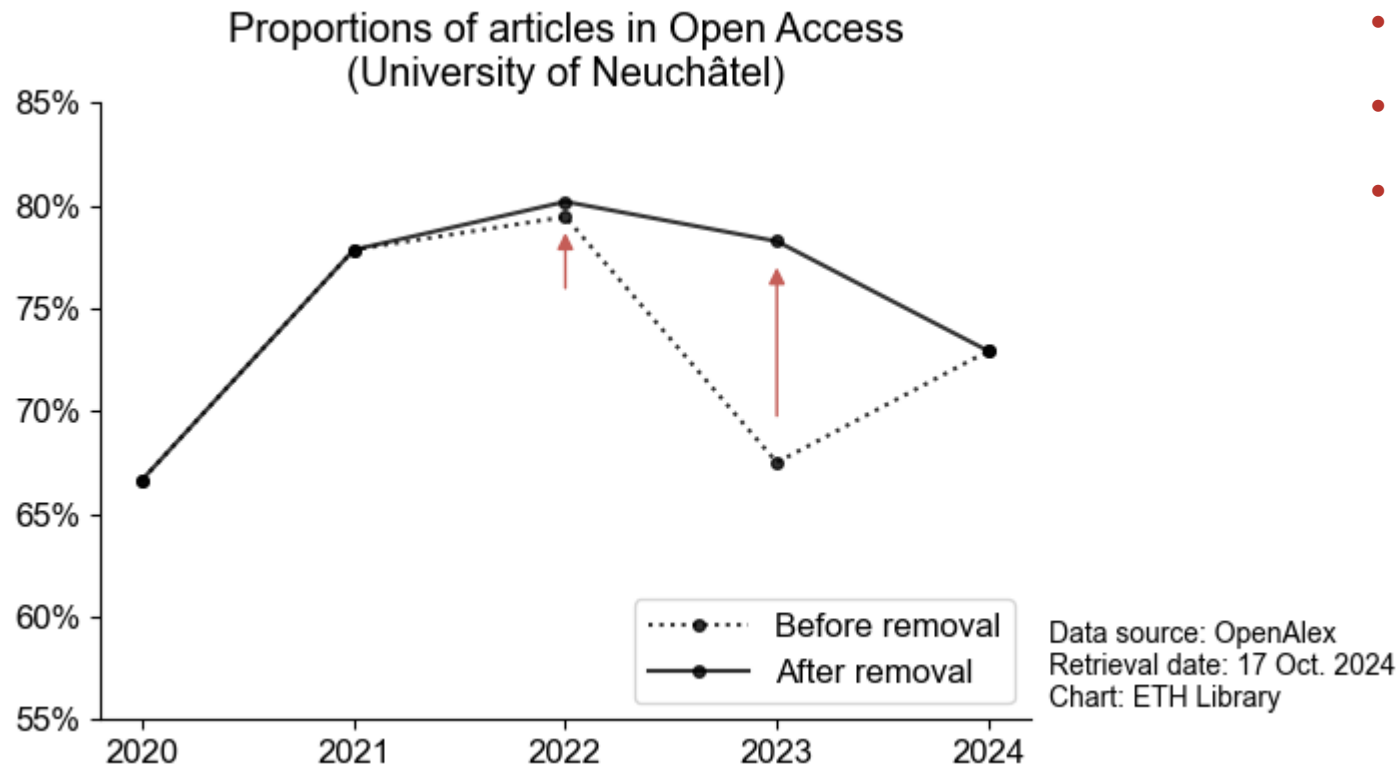
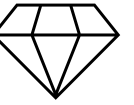


List of the titles of the works to remove

title	type	id count	is_oa count
Data for EMSL Project 60184 from September 2022	article	1	0
Data for EMSL Project 60184 from October 2022	article	4	0
Data for EMSL Project 60184 from January 2023	article	1	0
Data for EMSL Project 60184 from February 2023	article	74	0
Data for EMSL Project 60184 from April 2023	article	1	0
Data for EMSL Project 60184 from July 2023	article	1	0

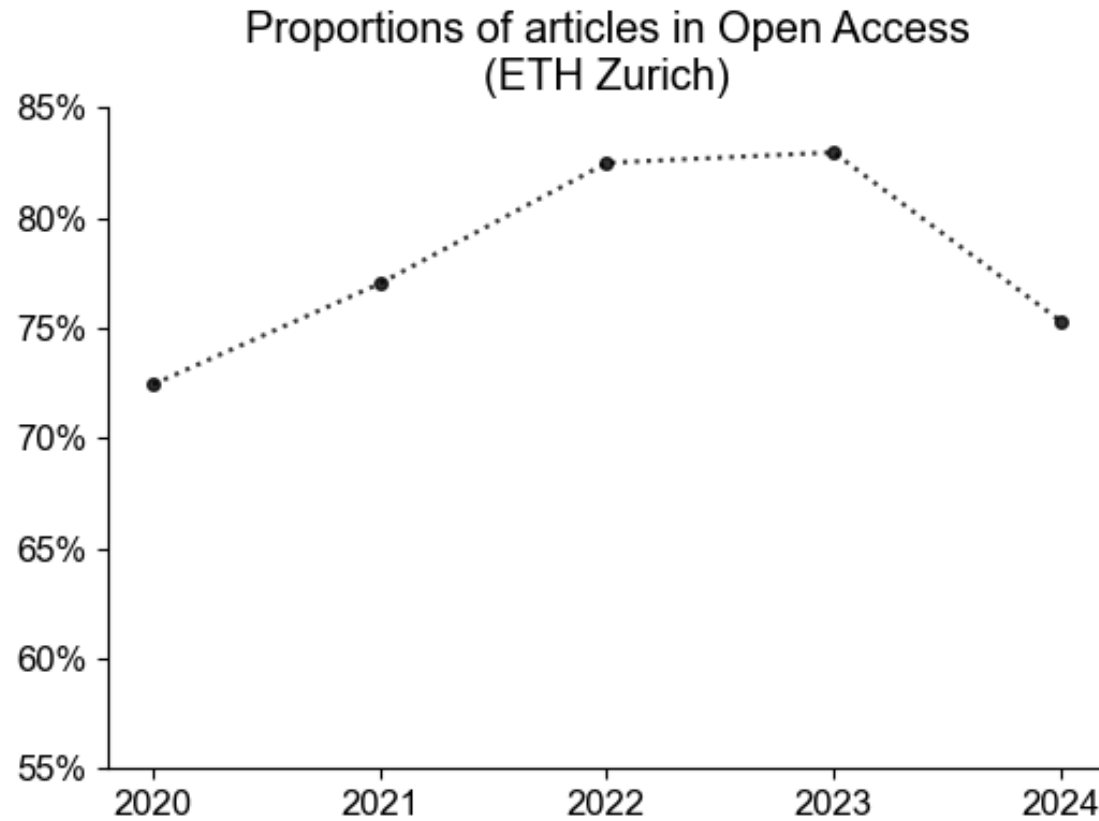
Total: 82 works to remove

Example 1: Misattribution of publication type



- Before removal: 2'565 “articles”
- Removed “articles”: 82 “articles” (3.2%)
- After removal: 2'483 “articles”

Example 1 bis: Misattribution of publication type



Data source: OpenAlex
Retrieval date: 17 Oct. 2024
Chart: ETH Library

Example 1 bis: Misattribution of publication type



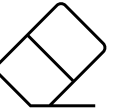
Most frequent titles (ETH Zurich, 2020-2024)

rank	title	type	id count	is_oa count
1	Data for EMSL Project 51536 from November 2021	article	146	0
2	Data for EMSL Project 51536 from September 2021	article	56	0
3	Contents list	article	10	10
4	Large Interferometer For Exoplanets (LIFE)	article	7	7
5	Data for EMSL Project 51536 from January 2022	article	6	0
6	Steering Committee	article	6	6
7	Table of Contents	article	6	6
8	High-Frequency Gaseous and Particulate Chemical Characterization using Extractive Electrospray Ionization Mass Spectrometry (Dual-Phase-EESI-TOF)	article	5	5
9	Balancing New Approaches and Harmonized Techniques in Nano- and Microplastics Research	article	4	3
10	Best Papers from 2022 published in the <i>Environmental Science</i> journals of the Royal Society of Chemistry	article	4	4

“id count”: The number of unique work identifiers with the same title

“is_oa count”: The number of unique work identifiers in OA with the same title

Example 1 bis: Misattribution of publication type

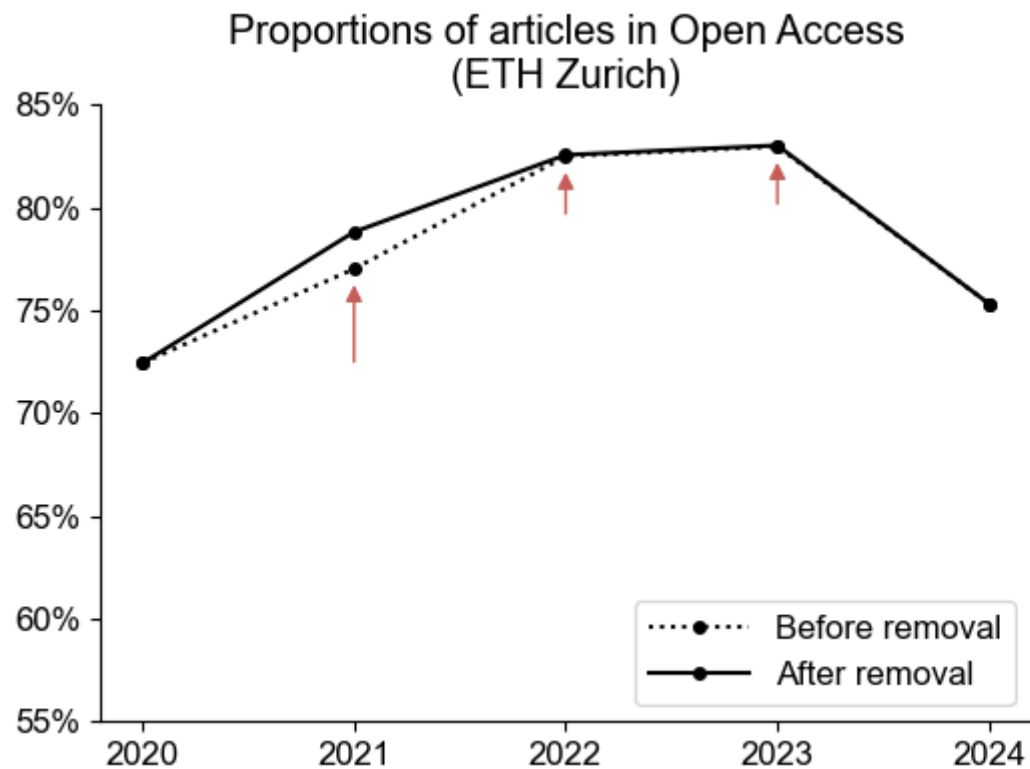
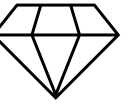


List of the titles of the works to remove

title	type	id count	is_oa
Data for EMSL Project 51536 from September 2021	article	56	0
Data for EMSL Project 51536 from November 2021	article	146	0
Data for EMSL Project 51536 from December 2021	article	2	0
Data for EMSL Project 51536 from January 2022	article	6	0
Data for EMSL Project 51536 from May 2023	article	4	0
Data for EMSL Project 51536 from July 2023	article	1	0

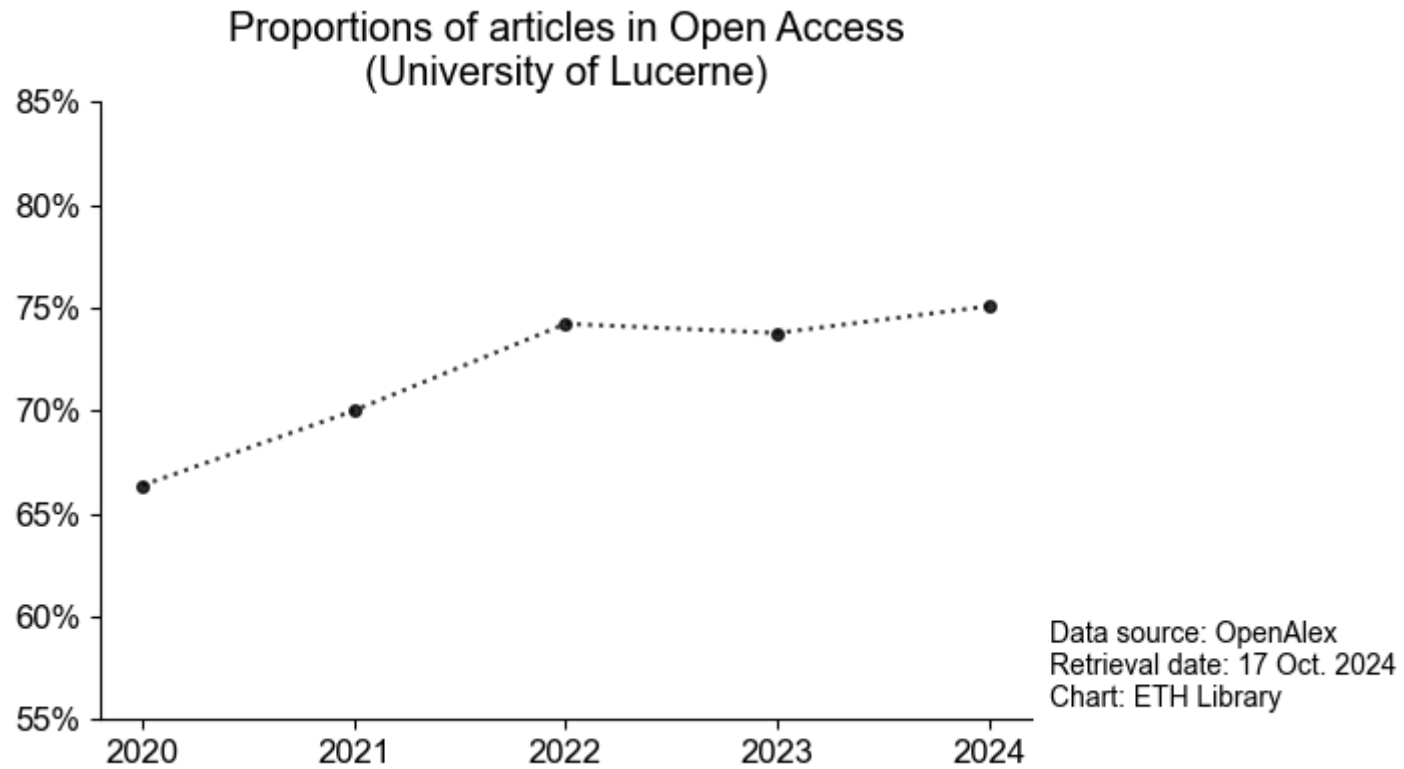
Total: 215 works to remove

Example 1 bis: Misattribution of publication type



- Before removal: 37382 “articles”
- Removed “articles”: 215 “articles” (0.6%)
- After removal: 37167 “articles”

Example 2: Deduplicated articles



Example 2: Deduplicated articles

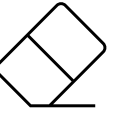


Publications with the same year and title (up to letter case and special characters), sorted by count

rank	reduced_title	year	id count	is_oa count
1	using exogenous organizational and regional hospital attributes to explain differences in casemix adjusted hospital costs	2023	4	4
2	the longitudinal impact of a chronic physical health condition on subjective wellbeing	2021	3	3
3	theorizing policy diffusion from a patchy set of mechanisms to a paradigmatic typology	2021	3	3
4	a debiased direct question approach to measuring consumers willingness to pay	2020	2	2
5	a raschbased comparison of the functional independence measure and spinal cord independence measure for outcome and quality in the rehabilitation of persons with spinal cord injury	2022	2	2
6	adaptation during spinal cord injury rehabilitation the role of appraisal and coping	2021	2	2
7	alcohol drinking and health in ageing a global scale analysis of older individual data through the harmonised dataset of athlos	2020	2	1
8	als helden der pandemie beklatscht dann im stich gelassen	2021	2	2
9	anatomical analysis of different helical plate designs for distal femoral fracture fixation	2022	2	0
10	anatomical analysis of different helical plate designs for proximal humeral shaft fracture fixation	2022	2	0
...
77	value of spectct in the assessment of necrotic bone fragments in patients with delayed bone healing or nonunion after traumatic fractures	2020	2	2
78	verschiebung planbarer eingriffe bei ressourcenknappheit	2021	2	2
79	what are the participants perspective and the systembased impact of a standardized interprofessional morbiditymortality conferences in a childrens hospital	2021	2	2
80	worries and anxiety in parents of adult survivors of childhood cancer a report from the swiss childhood cancer survivor studyparents	2023	2	2
81	zwischen ichgesellschaft und wirnation religionszugehörigkeit religiosität und der umgang mit religiöser vielfalt in der schweiz	2022	2	2

“id count”: The number of unique work identifiers with the same reduced_title and year
 “is_oa count”: The number of unique work identifiers in OA with the same reduced_title and year

Example 2: Deduplicated articles

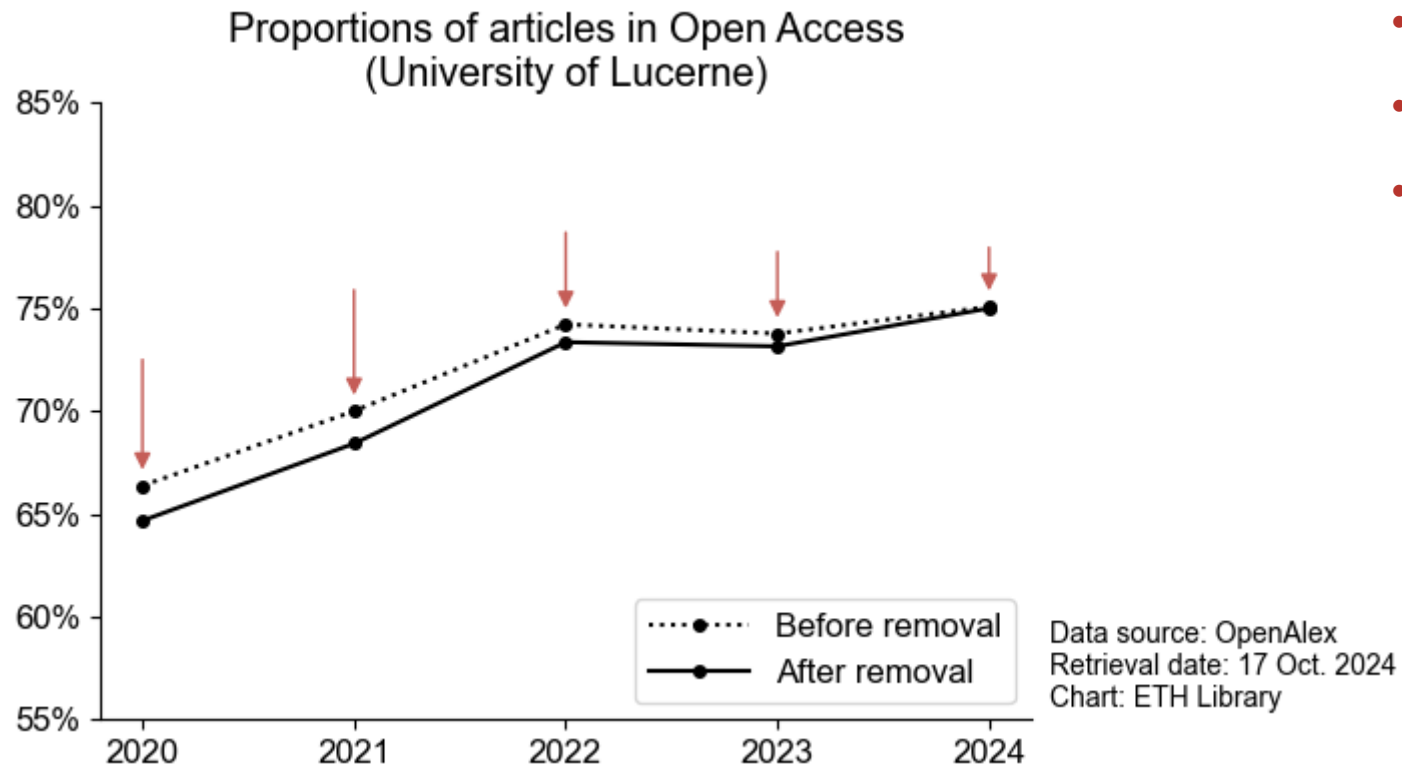
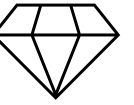


Removal action:

For each of the 81 reduced titles, keep only 1 article, in OA if possible

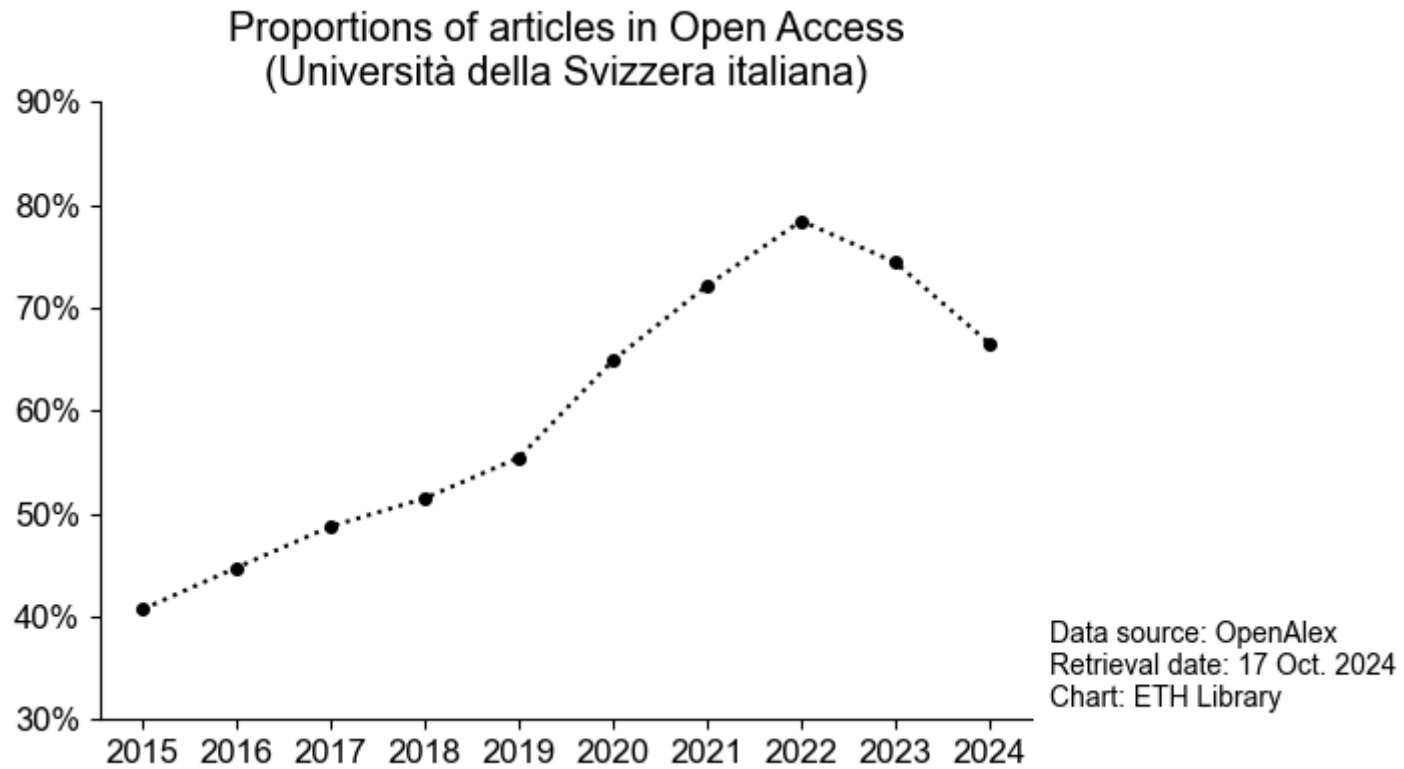
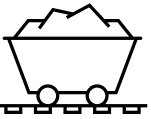
- Total articles with duplicates: 166
- Articles to remove: 85 articles

Example 2: Deduplicated articles



- Before removal: 1943 articles
- Removed articles: 85 articles (4.4%)
- After removal: 1858 articles

Example 3: Misattribution of affiliations



Example 3: Misattribution of affiliations



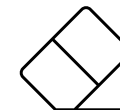
publication id	raw_affiliation	institution_name	manual check
W2538297977	[Università della Svizzera italiana, CH-6900 Lugano, Switzerland]	Università della Svizzera italiana	✓
W3207825108	[University of Lugano, Switzerland]	Università della Svizzera italiana	✓
W2202182017	[University of Italian Switzerland, Lugano, Switzerland]	Università della Svizzera italiana	✓
W2300442403	[Istituto Oncologico della Svizzera Italiana, Bellinzona, Switzerland]	Università della Svizzera italiana	×
W3092072399	[EOC, Istituto Imaging Svizzera Italiana – IIMSI, Viganello, Switzerland]	Università della Svizzera italiana	×
W3213432661	[Istituto Pediatrico della Svizzera Italiana, Bellinzona, Switzerland]	Università della Svizzera italiana	×
W2093507185	[5 Neurocentro Della Svizzera Italiana Lugano Switzerland]	Università della Svizzera italiana	×
W2094494529	[Supsi Scuola Universitaria per la Svizzera Italiana, Lugano, Switzerland]	Università della Svizzera italiana	×
W4200525926	[Scuola Universitaria Professionale Della Svizzera Italiana, Manno, Switzerland]	Università della Svizzera italiana	×
W2606609510	[Cardiac surgery department, L.U.de.S. University, Lugano, Switzerland]	Università della Svizzera italiana	×
W4313894708	[Ricerche Musicali nella Svizzera italiana, Lugano]	Università della Svizzera italiana	×
W2100379235	[Istituto di Musicologia dell'Università di Berna, Svizzera]	Università della Svizzera italiana	×
W2245153198	[Sezione di Italianistica, Università di Basilea, Svizzera]	Università della Svizzera italiana	×
W2780771244	[Storia Moderna, facoltà di Lettere, Università di Friburgo (Svizzera)]	Università della Svizzera italiana	×
W3183696393	[Università di Losanna (Svizzera)]	Università della Svizzera italiana	×
W2915424561	[Università di Zurigo, Switzerland]	Università della Svizzera italiana	×

Example 3: Misattribution of affiliations



publication id	raw_affiliation	institution_name	manual check
W2538297977	[Università della Svizzera italiana, CH-6900 Lugano, Switzerland]	Università della Svizzera italiana	✓
W3207825108	[University of Lugano, Switzerland]	Università della Svizzera italiana	✓
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W2300442403	[Istituto Oncologico della Svizzera Italiana, Bellinzona, Switzerland]	Università della Svizzera italiana	×
W3092072399	[EOC, Istituto Imaging Svizzera Italiana – IIMSI, Viganello, Switzerland]	Università della Svizzera italiana	×
W3213432661	[Istituto Pediatrico della Svizzera Italiana, Bellinzona, Switzerland]	Università della Svizzera italiana	×
W2093507185	[5 Neurocentro Della Svizzera Italiana Lugano Switzerland]	Università della Svizzera italiana	×
W2094494529	[Supsi Scuola Universitaria per la Svizzera Italiana, Lugano, Switzerland]	Università della Svizzera italiana	×
W4200525926	[Scuola Universitaria Professionale Della Svizzera Italiana, Manno, Switzerland]	Università della Svizzera italiana	×
W2606609510	[Cardiac surgery department, L.U.de.S. University, Lugano, Switzerland]	Università della Svizzera italiana	×
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W2245153198	[Sezione di Italianistica, Università di Basilea, Svizzera]	Università della Svizzera italiana	×
W2780771244	[Storia Moderna, facoltà di Lettere, Università di Friburgo (Svizzera)]	Università della Svizzera italiana	×
W3183696393	[Università di Losanna (Svizzera)]	Università della Svizzera italiana	×
W2915424561	[Università di Zurigo, Switzerland]	Università della Svizzera italiana	×

Example 3: Misattribution of affiliations

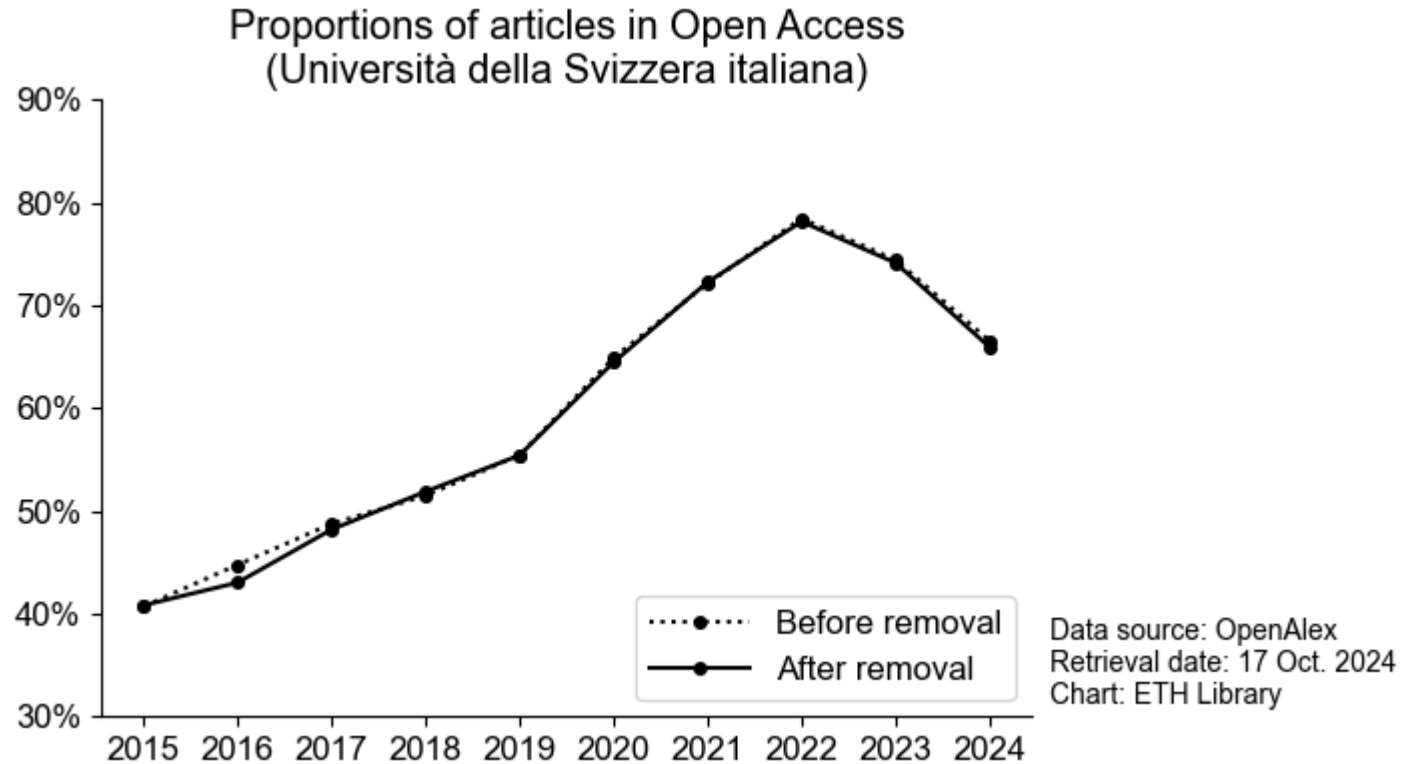
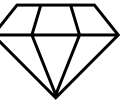


- Go through the “raw_affiliation” column and create a list with variant names of Università della Svizzera italiana (**List USI**) and a list with variant names of other institutions (**List non-USI**)
- Remove publication identifiers where at least one of the “raw_affiliation” contains a substring from the **List non USI** and where no “raw_affiliation” contains a substring from the **List USI**

List USI		
rank	substring	id count
1	Università della Svizzera	3982
2	Università della Svizzera italiana	2307
3	Università della Svizzera Italiana	1697
4	University of Lugano	541
5	USI Lugano	171
6	Universita della Svizzera italiana	143
7	Università Della Svizzera Italiana	129
8	University of Italian Switzerland	123
9	Universita della Svizzera Italiana	108
10	USI, Lugano	84
...
150	Universita??? della Svizzera italiana	1
151	Universita` della Svizzera Italiana	1
152	université de Lugano	1

List non USI		
rank	substring	id count
1	Istituto Oncologico della Svizzera Italiana	99
2	Scuola Universitaria Professionale della Svizzera Italiana	86
3	Scuola universitaria professionale della Svizzera italiana	78
4	Istituto di Imaging della Svizzera Italiana	16
5	Istituto Pediatrico della Svizzera Italiana	12
6	Scuola Universitaria Professionale della Svizzera italiana	12
7	Istituto Imaging della Svizzera Italiana	9
8	Zurigo, Svizzera	8
9	Istituto Oncologico Svizzera Italiana	6
10	Neurocentro della Svizzera Italiana	6
...
51	Cardiac surgery department, L.U.de.S. University	1
52	Attualità dalla Svizzera italiana	1
53	facoltà di Lettere, Università di Friburgo (Svizzera)	1

Example 3: Misattribution of institution



- Before removal: 6026 articles
- Removed articles: 292 articles (4.8%)
- After removal: 5734 articles

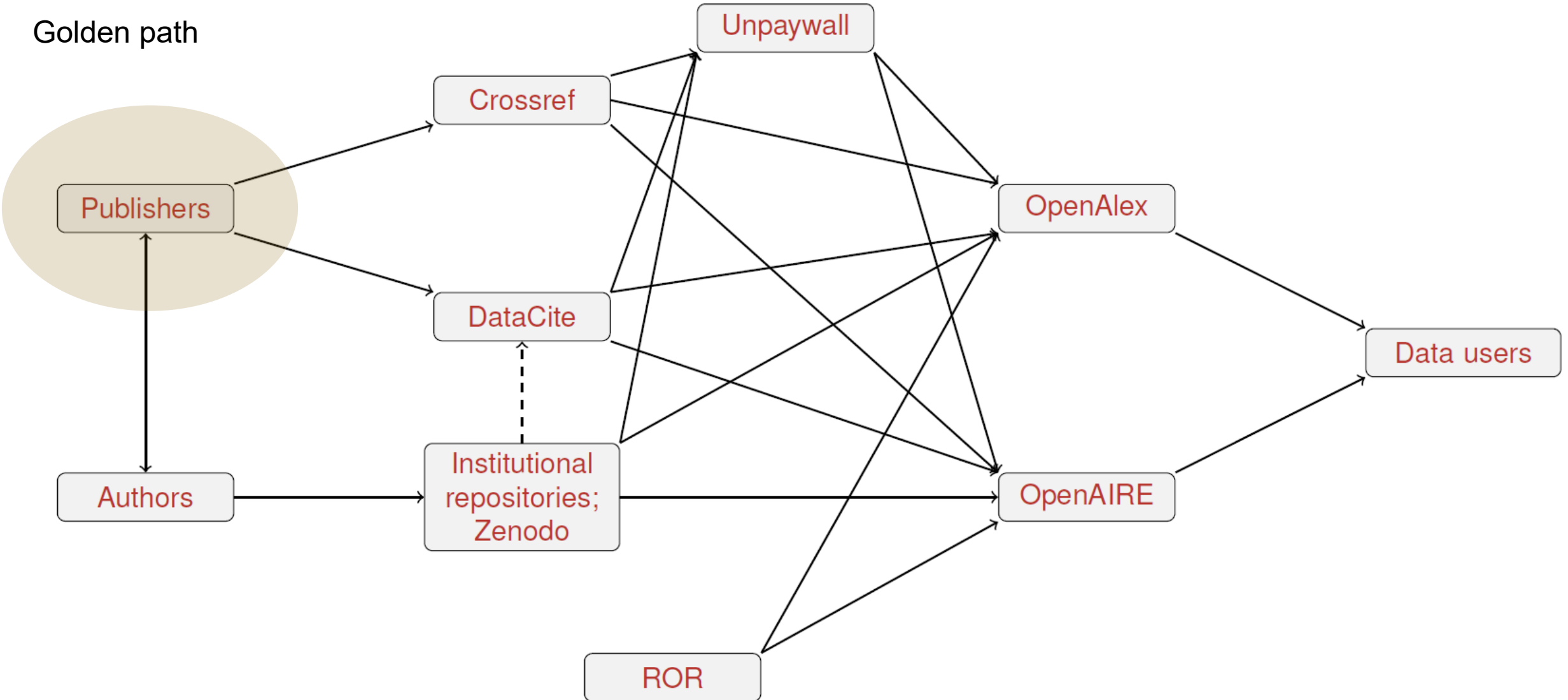
Table of contents

1. Open Access and open data sources
 - An Open Access dashboard: COKI
 - “Community over commercialization”: Open and closed data sources
 - Examples of Open Science projects in Switzerland based on open data sources
2. An open data source: OpenAlex
 - Findings about OpenAlex
 - Three examples of data cleaning
3. How to improve the publication metadata in open data sources?
 - Golden paths
 - Three examples of data curation
4. Future projects and events
5. Questions and discussion

How to improve the metadata quality and coverage?

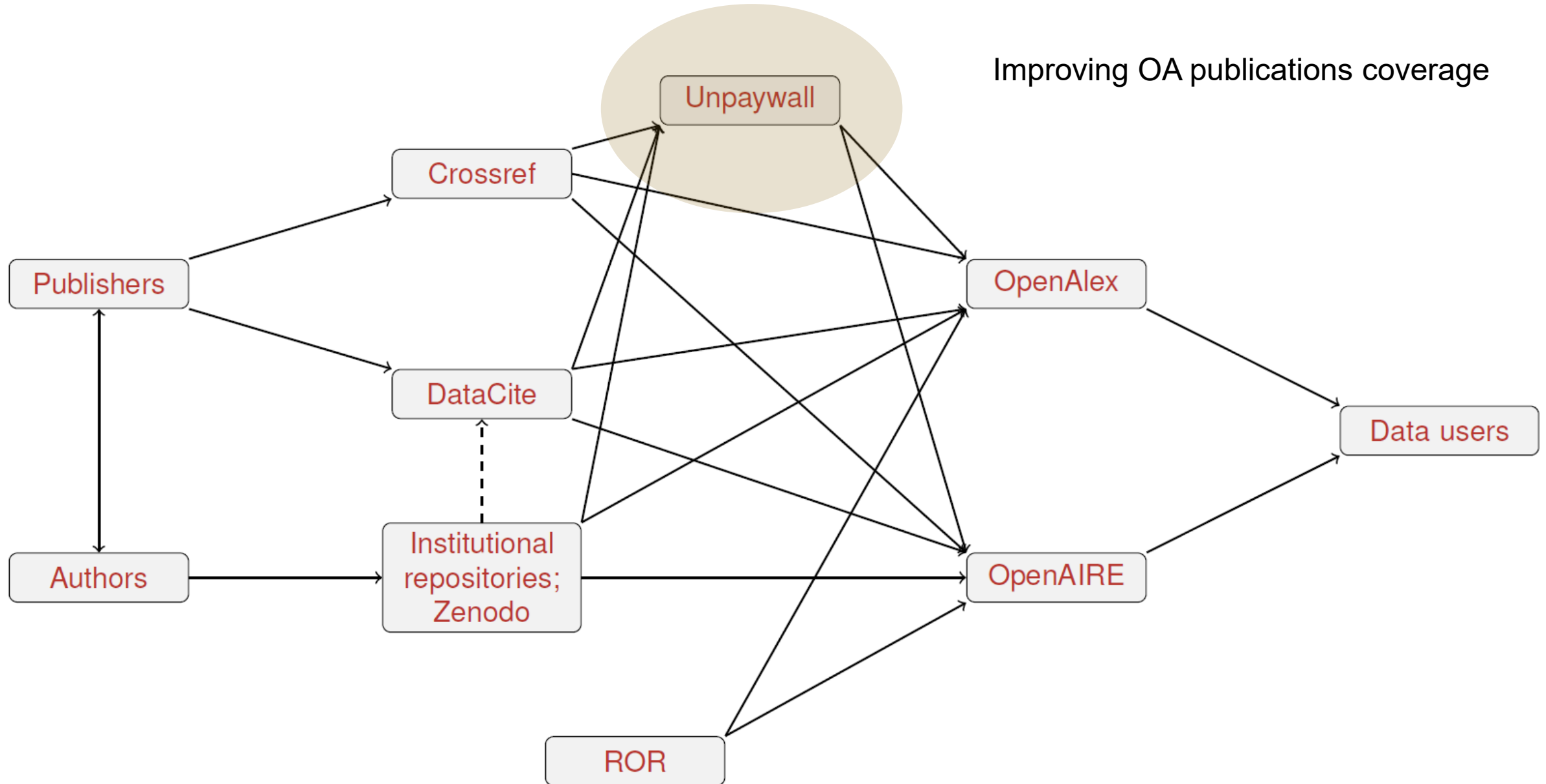
Improve metadata in a dynamic environment (simplified)

Golden path



Improve metadata in a dynamic environment (simplified)

Improving OA publications coverage



Dissemination of OA information from internal repository

Participating universities in the Swiss Open Access Monitor (NOAM):

Institution name	Repository name	URL	Findable in Unpaywall sources (16 September 2024)
University of Basel (incl. Hospitals)	edoc	http://edoc.unibas.ch/	✓
University of Bern	BORIS	https://boris.unibe.ch	✓
University of Fribourg	FOLIA	https://folia.unifr.ch/	×
University of Geneva	Archive ouverte UNIGE	https://archive-ouverte.unige.ch/home	✓
University of Lausanne	Serval	https://serval.unil.ch	✓
Università della Svizzera italiana	SUSI	https://susi.usi.ch/	×
University of Lucerne	FIS/LORY	https://zenodo.org	(✓)
University of Neuchâtel	Libra	https://libra.unine.ch/	×
University of St.Gallen	Research Platform Alexandria	https://www.alexandria.unisg.ch/	✓
University of Zurich	ZORA	http://www.zora.uzh.ch/	✓
École Polytechnique Fédérale de Lausanne	Infoscience	https://infoscience.epfl.ch/?In=en	✓
ETH Zurich	Research Collection	https://www.research-collection.ethz.ch/	✓

Possible reasons for the missing repositories:

- The repository does not satisfy the minimum requirements to be integrated in Unpaywall
- The repository satisfies the minimal requirements to be integrated in Unpaywall, but has not been added
- The homepage of the repository has been modified, but not updated in Unpaywall

<https://unpaywall.org/sources>

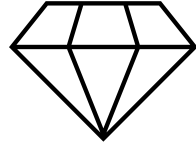
<https://oamonitor.ch/wiki/participating-institutions-repo-monitor/>

Dissemination of OA information from internal repository

Institution name	Repository name	URL	Findable in Unpaywall sources (16 September 2024)	Findable in Unpaywall sources (22 October 2024)
University of Basel (incl. Hospitals)	edoc	http://edoc.unibas.ch/	✓	✓
University of Bern	BORIS	https://boris.unibe.ch	✓	✓
University of Fribourg	FOLIA	https://folia.unifr.ch/	×	✓
University of Geneva	Archive ouverte UNIGE	https://archive-ouverte.unige.ch/home	✓	✓
University of Lausanne	Serval	https://serval.unil.ch	✓	✓
Università della Svizzera italiana	SUSI	https://susi.usi.ch/	×	×
University of Lucerne	FIS/LORY	https://zenodo.org	(✓)	(✓)
University of Neuchâtel	Libra	https://libra.unine.ch/	×	×
University of St.Gallen	Research Platform Alexandria	https://www.alexandria.unisg.ch/	✓	✓
University of Zurich	ZORA	http://www.zora.uzh.ch/	✓	✓
École Polytechnique Fédérale de Lausanne	Infoscience	https://infoscience.epfl.ch/?ln=en	✓	✓
ETH Zurich	Research Collection	https://www.research-collection.ethz.ch	✓	✓

3 examples of data curation

Icons for the 3 cases



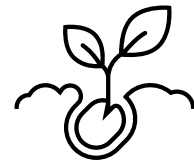
3 examples

- Publication type
- Deduplicated articles
- Misattribution of institution

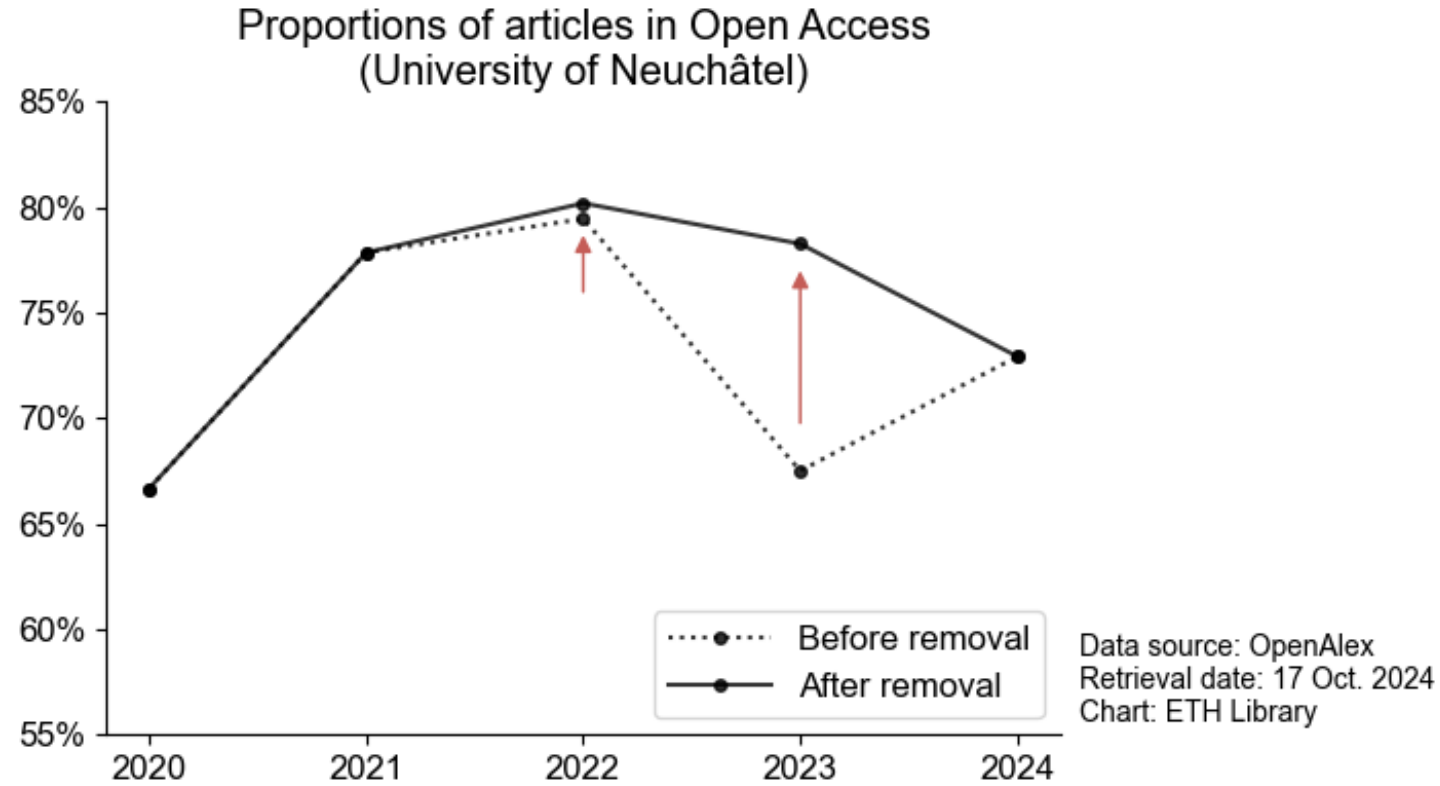
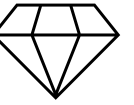


3 cases

- Track the source of the mismatch
- Find ways to curate databases



Example 1: Misattribution of publication type



Case 1: Misattribution of publication type



OpenAlex

Data for EMSL Project 60184 from February 2023

Work

HTML API

Year: 2023

Type: article

Source: OSTI OAI (U.S. Department of Energy Office of Scientific and Techni

<https://explore.openalex.org/works/w4395024076>
<https://commons.datacite.org/doi.org/10.25582/data.2023-02.2731330/2339366>
<https://www.osti.gov/biblio/2339366>
<https://explore.openaire.eu/search/dataset?pid=10.25582%2Fdata.2023-02.2731330%2F2339366>

DataCite

Data for EMSL Project 60184 from February 2023

Demosthenes Morales, Pilar Junier, Patrick Chain, Buck Hanson, Aaron Robinson & Saskia Bindschedler
Specialized Mix published 2023 in DOE Pacific Northwest National Laboratory (PNNL) Repository

Other Identifiers
OSTI ID: 2339366
DOE Contract Number: AC05-76RL01830
Product Number: upload_id: 2731330; project_id: 60184;
DOI registered April 22, 2024 via DataCite.

Dataset English

<https://doi.org/10.25582/data.2023-02.2731330/2339366>

OSTI

OSTI.GOV U.S. Department of Energy
Office of Scientific and Technical Information

Submit Search Tools Public Access PID Services & Dev

OSTI.GOV / Search for "data for emsl project 60184" / Dataset: Data for EMSL Project 60184 from February 2023

DATASET · 06 Februar 2023

DOI: <https://doi.org/10.25582/data.2023-02.2731330/2339366> · OSTI ID: 2339366

Morales, Demosthenes; Junier, Pilar; Chain, Patrick; Hanson, Buck; Robinson, Aaron

+ Show Author Affiliations

OpenAIRE

Data for EMSL Project 60184 from February 2023

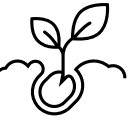
Research Data Dataset · 2023 · English · Publisher: Environmental Molecular Science

Authors: Morales, Demosthenes; Junier, Pilar; Chain, Patrick; Hanson, Buck; Robinson, Aaron

DOI: [10.25582/data.2023-02.2731330/2339366](https://doi.org/10.25582/data.2023-02.2731330/2339366), [10.25582/data.2023-02.2729756/2339424](https://doi.org/10.25582/data.2023-02.2729756/2339424), [10.25582/data.2023-02.2729811/2339424](https://doi.org/10.25582/data.2023-02.2729811/2339424)

In this case, the misattribution of type seems to be specific to OpenAlex

Case 1: Misattribution of publication type



Click on "Send feedback"

Data for EMSL Project 60184 from February 2023

Work

HTML API

Send feedback

Year: 2023

Type: article

Ask a question during Office Hours

Office Hours

events | community | office hours

We have regular office hours on Zoom: alternating between Wednesday at 12pm Eastern and Thursday at 9am Eastern. These are 1-hour informal drop-in/drop-off sessions to have conversations about using OpenAlex. Some of these are themed based on OpenAlex developments and emerging topics; discussion on those topics will be given precedence.

Curation of OpenAlex

Write a mail on the OpenAlex Community

OpenAlex Community [Inhaber und Manager kontaktieren](#)

This is a place for community-wide discussions and questions about OpenAlex.

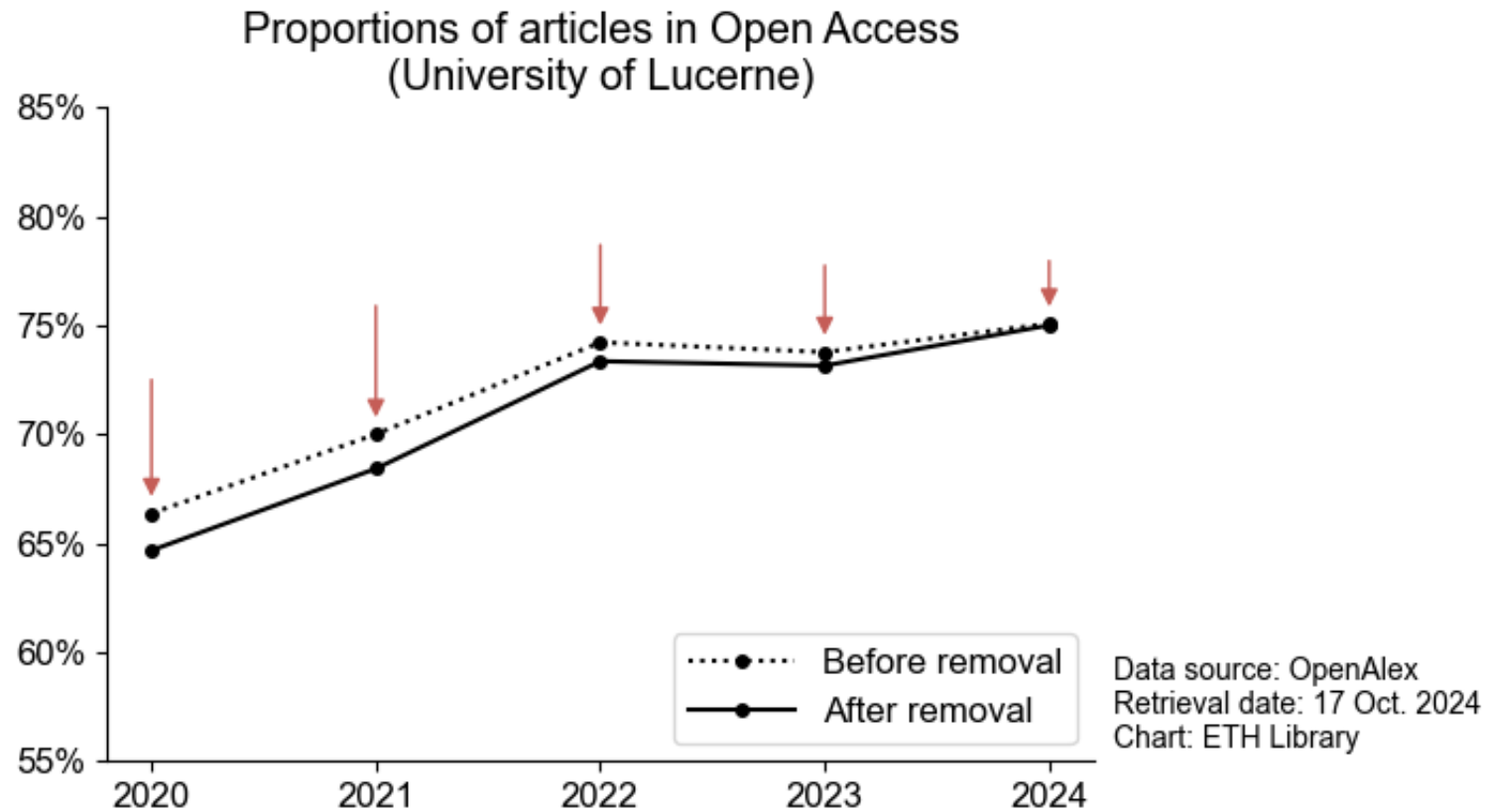
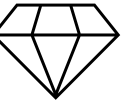
This is not a place to submit OpenAlex support questions. For that, please go to <https://openalex.org/support>

Dive into the code to continue investigation

ourresearch / openalex-guts Public

<> Code Pull requests Actions Projects Security Insights

Example 2: Deduplicated articles



Example 2: Deduplicated articles



Publications with the same year and title (up to letter case and special characters), sorted by count:

rank	reduced_title	year	id count	is_oa count
1	using exogenous organizational and regional hospital attributes to explain differences in casemix adjusted hospital costs	2023	4	4
2	the longitudinal impact of a chronic physical health condition on subjective wellbeing	2021	3	3
3	theorizing policy diffusion from a patchy set of mechanisms to a paradigmatic typology	2021	3	3
4	a debiased direct question approach to measuring consumers willingness to pay	2020	2	2
5	a raschbased comparison of the functional independence measure and spinal cord independence measure for outcome and quality in the rehabilitation of persons with spinal cord injury	2022	2	2
6	adaptation during spinal cord injury rehabilitation the role of appraisal and coping	2021	2	2
7	alcohol drinking and health in ageing a global scale analysis of older individual data through the harmonised dataset of athlos	2020	2	1
8	als helden der pandemie beklatscht dann im stich gelassen	2021	2	2
9	anatomical analysis of different helical plate designs for distal femoral fracture fixation	2022	2	0
10	anatomical analysis of different helical plate designs for proximal humeral shaft fracture fixation	2022	2	0
...
77	value of spectct in the assessment of necrotic bone fragments in patients with delayed bone healing or nonunion after traumatic fractures	2020	2	2
78	verschiebung planbarer eingriffe bei ressourcenknappheit	2021	2	2
79	what are the participants perspective and the systembased impact of a standardized interprofessional morbiditymortality conferences in a childrens hospital	2021	2	2
80	worries and anxiety in parents of adult survivors of childhood cancer a report from the swiss childhood cancer survivor studyparents	2023	2	2
81	zwischen ichgesellschaft und wirnation religionszugehörigkeit religiosität und der umgang mit religiöser vielfalt in der schweiz	2022	2	2

“id count”: The number of unique work identifiers with the same reduced_title and year

“is_oa count”: The number of unique work identifiers in OA with the same reduced_title and year

Case 2: Deduplicated articles



Most frequent DOI prefixes for duplicated articles (University of Lucerne, 2020-2024)

rank	doi_prefix	id_count	DOI Registration Agency https://doi.org/ra/{doi}	DOI https://api.test.datacite.org/prefixes/{doi_prefix} https://api.crossref.org/prefixes/{doi_prefix}
1	https://doi.org/10.5281/	67	DataCite	cern.zenodo
2	https://doi.org/10.4414/	11	Crossref	EMH Swiss Medical Publishers, Ltd.
3	https://doi.org/10.1007/	9	Crossref	Springer Science and Business Media LLC
4	https://doi.org/10.1016/	9	Crossref	Elsevier BV
5	https://doi.org/10.1002/	8	Crossref	Wiley
6	https://doi.org/10.1093/	6	Crossref	Oxford University Press (OUP)
7	https://doi.org/10.3389/	5	Crossref	Frontiers Media SA
8	https://doi.org/10.3390/	5	Crossref	MDPI AG
9	https://doi.org/10.2139/	5	Crossref	Elsevier BV
10	None	4		
11	https://doi.org/10.1186/	4	Crossref	Springer Science and Business Media LLC
12	Other prefixes	33		

Case 2: Deduplicated articles (Zenodo) – Example I



Zenodo

Falling ill raises the health insurer's administration bill

Kauer, Lukas¹; Douven, Rudy

In many countries, governments use payment systems to compensate health insurers more for enrollees with higher expected costs. However, little empirical research has examined whether these payment systems should also include health insurers' administrative costs. We provide two sources of evidence that health insurers with a more morbid population have higher administrative costs. First, we show at the customer level a causal relationship between individual morbidity and individual administrative contacts with the insurer, using the weekly evolution of the number of individual customer contacts (calls, emails, in-person visits etc.) of a large Swiss health insurer. Using a difference-in-differences design, we find that the onset of a chronic illness causes on average a persistent increase of about 40% in individuals' contacts with the health insurer. Second, we provide evidence that this relationship also holds for total administrative costs at the insurer level. We study twenty years of Swiss health insurance market data and find a positive elasticity of around 1, indicating that, all else equal, an insurer with a more morbid population, equal to 1% more health care spending, faces about 1% higher administrative costs.

Notes

+ ID der Publikation: unilu_68256 + Sprache: Englisch + Letzte Aktualisierung: 2023-06-09 15:28:56

Files

Douven_Kauer_2023_Falling_ill_raises_the_health_insurers_administration_bill.pdf

Social Science & Medicine 324 (2023) 115856

Contents lists available at ScienceDirect

Social Science & Medicine

journal homepage: www.elsevier.com/locate/socscimed

Falling ill raises the health insurer's administration bill

Rudy Douven^{a,b}, Lukas Kauer^{c,d,e,*}

^a Erasmus University Rotterdam, Erasmus School of Health Policy & Management, Burgemeester Oudlaan 50, 3062, PA, Rotterdam, the Netherlands
^b CPB Netherlands Bureau for Economic Policy Analysis, Bezuidenhoutweg 30, 2594, AV, The Hague, the Netherlands
^c CSS Institute for Empirical Health Economics, Tribschenstrasse 21, 6002, Lucerne, Switzerland
^d University of Lucerne, Faculty of Economics and Management, Frohburgstrasse 3, 6002, Lucerne, Switzerland

Keywords and subjects

Administrative costs | Health insurance | Individual administrative contacts | chronically ill | health expenditures

<https://doi.org/10.5281/zenodo.8020880>

Publisher

Social Science & Medicine 324 (2023) 115856

Contents lists available at ScienceDirect

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Falling ill raises the health insurer's administration bill

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^a Erasmus University Rotterdam, Erasmus School of Health Policy & Management, Burgemeester Oudlaan 50, 3062, PA, Rotterdam, the Netherlands
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^c CSS Institute for Empirical Health Economics, Tribschenstrasse 21, 6002, Lucerne, Switzerland
^d University of Lucerne, Faculty of Economics and Management, Frohburgstrasse 3, 6002, Lucerne, Switzerland

<https://doi.org/10.1016/j.socscimed.2023.115856>

Case 2: Deduplicated articles (Zenodo) – Example I



Falling ill raises the health insurer's administration bill

Work

HTML PDF API

Year: 2023
Type: article
Source: Zenodo (CERN European Organization for Nuclear Research)
Authors Lukas Kauer, Rudy Douven
Institution University of Lucerne

Cites:
Cited by:
Related to: 10

Topic: Economics of Health Care Systems and Policies
Subfield: Economics and Econometrics
Field: Economics, Econometrics and Finance
Domain: Social Sciences

Open Access status: green

Falling ill raises the health insurer's administration bill

Work

HTML API

Year: 2023
Type: article
Abstract: In many countries, governments use payment systems to compensate health insurers more for enrollees with higher expected costs. However, little empirical research has examined whether these payment sy... [more](#)
Source: Social Science & Medicine
Authors Rudy Douven, Lukas Kauer
Institutions Erasmus University Rotterdam, CPB Netherlands Bureau for Economic Policy Analysis, University of Zurich, University of Lucerne

Cites: 20
Cited by:
Related to: 10

Topic: Economics of Health Care Systems and Policies
Subfield: Economics and Econometrics
Field: Economics, Econometrics and Finance
Domain: Social Sciences
Sustainable Development Goal Partnerships for the goals

Open Access status: hybrid
APC paid (est): \$3,360

Case 2: Deduplicated articles (Zenodo) – Example II



Zenodo

Overall Neutrophil-to-Lymphocyte Ratio and SUVmax of Nodal Metastases Predict Outcome in Head and Neck Cancer Before Chemoradiation

Werner, Jonas; Strobel, Klaus; Lehnick, Dirk¹; Rajan, Gunesh P.

Introduction: This study investigates the pretherapeutic neutrophil-to-lymphocyte ratio (NLR) with markers of tumor metabolism in 18-fluorodeoxyglucose positron emission tomography/computed tomography (FDG-PET/CT) and their potential prognostic value in head and neck cancer patients prior to primary chemoradiation. Materials and Methods: NLR and metabolic markers of primary tumor and nodal metastases including maximum standardized uptake value (SUVmax), metabolic tumor volume (MTV), and total lesion glycolysis (TLG) were retrospectively assessed in a consecutive cohort of head and neck squamous cell cancer patients undergoing primary chemoradiation. The main outcome measure was survival. Results: The study included 90 patients of which 74 had lymph node metastases at diagnosis. Median follow-up time of nodal positive patients (n=74) was 26.5 months (IQR 18–44). The NLR correlated significantly with metabolic markers of the primary tumor (TLG: rs=0.47, P<0.001; MTV: rs=0.40, P=0.001; SUVmax: rs=0.34, P=0.003), but much less with FDG-PET/CT surrogate markers of metabolic activity in nodal metastases (TLG: rs=0.15, P=0.19; MTV: rs=0.25, P=0.034; SUVmax: rs=0.06, P=0.63). For nodal positive cancer patients, multivariate analysis showed that an increased NLR (HR=1.19, 95% CI=1.04-1.37, P=0.012) and SUVmax of lymph node metastasis (HR=1.09, 95% CI=1.02-1.16, P=0.021) are independently predictive of disease-specific survival. High NLR had a negative prognostic value for overall survival (HR=1.16, 95% CI=1.02-1.33, P=0.021). Conclusion: NLR correlates positively with metabolic markers of the primary tumor, suggestive of an unspecific/inflammatory response in the host as a possible reflection of increased metabolism of the primary tumor. SUVmax of lymph node metastases and the NLR, however, show no correlation and are independently predictive of disease-specific survival. Therefore, their addition could be used to improve survival prediction in nodal positive head and neck cancer patients undergoing primary chemoradiation.

Notes

+ ID der Publikation: unilu_55240 + Sprache: Englisch + Letzte Aktualisierung: 2021-11-03 16:14:18

Files

Werner_Strobel_et_al_2021_-_Overall_Neutrophil-to-Lymphocyte_Ratio_and_SUVmax.pdf

frontiers in Oncology ORIGINAL RESEARCH published: 08 October 2021 doi: 10.3389/fonc.2021.679287

Overall Neutrophil-to-Lymphocyte Ratio and SUV_{max} of Nodal Metastases Predict Outcome in Head and Neck Cancer Before Chemoradiation

Jonas Werner^{1*}, Klaus Strobel², Dirk Lehnick³ and Gunesh P. Rajan^{1,4}

¹ Department of Otorhinolaryngology - Head and Neck Surgery, Cantonal Hospital Lucerne, Lucerne, Switzerland, ² Department of Radiology and Nuclear Medicine, Cantonal Hospital Lucerne, Lucerne, Switzerland, ³ Department of Health Sciences and Medicine, Biostatistics & Methodology, University of Lucerne, Lucerne, Switzerland, ⁴ Otolaryngology, Head & Neck Surgery, Medical School, University of Western Australia, Perth, WA, Australia

DOI: 10.5281/zenodo.5643470

Resource type: Journal article

Publisher: Zenodo

Published in: Frontiers in Oncology, Front. Oncol., 11(679287), 1, 10, 2021.

<https://doi.org/10.5281/zenodo.5643470>

Publisher

frontiers in Oncology ORIGINAL RESEARCH published: 08 October 2021 doi: 10.3389/fonc.2021.679287

Overall Neutrophil-to-Lymphocyte Ratio and SUV_{max} of Nodal Metastases Predict Outcome in Head and Neck Cancer Before Chemoradiation

Jonas Werner^{1*}, Klaus Strobel², Dirk Lehnick³ and Gunesh P. Rajan^{1,4}

¹ Department of Otorhinolaryngology - Head and Neck Surgery, Cantonal Hospital Lucerne, Lucerne, Switzerland, ² Department of Radiology and Nuclear Medicine, Cantonal Hospital Lucerne, Lucerne, Switzerland, ³ Department of Health Sciences and Medicine, Biostatistics & Methodology, University of Lucerne, Lucerne, Switzerland, ⁴ Otolaryngology, Head & Neck Surgery, Medical School, University of Western Australia, Perth, WA, Australia

OPEN ACCESS

Introduction: This study investigates the pretherapeutic neutrophil-to-lymphocyte ratio

<https://doi.org/10.3389/fonc.2021.679287>

Case 2: Deduplicated articles (Zenodo) – Example II



Overall Neutrophil-to-Lymphocyte Ratio and SUVmax of Nodal Metastases Predict Outcome in Head and Neck Cancer Before Chemoradiation

Work

HTML PDF API

Year: 2021

Type: article

Source: [Zenodo \(CERN European Organization for Nuclear Research\)](#)

Authors [Jonas Werner](#), [Klaus Strobel](#), [Dirk Lehnick](#), [Gunesh P. Rajan](#)

Institution [University of Lucerne](#)

Cites:

Cited by:

Related to: 10

Topic: [Inflammation's Role in Cancer Development and Progression](#)

Subfield: [Oncology](#)

Field: [Medicine](#)

Domain: [Health Sciences](#)

Sustainable Development Goal [Good health and well-being](#)

Open Access status: green

Overall Neutrophil-to-Lymphocyte Ratio and SUVmax of Nodal Metastases Predict Outcome in Head and Neck Cancer Before Chemoradiation

Work

HTML PDF API

Year: 2021

Type: article

Abstract: This study investigates the pretherapeutic neutrophil-to-lymphocyte ratio (NLR) with markers of tumor metabolism in 18-fluorodeoxyglucose positron emission tomography/computed tomography (FDG-PET/CT) ... [more](#)

Source: [Frontiers in Oncology](#)

Authors [Jonas Werner](#), [Klaus Strobel](#), [Dirk Lehnick](#), [Gunesh P. Rajan](#)

Institutions [University of Lucerne](#), [University of Western Australia](#)

Cites: 53

Cited by: 9

Related to: 10

Topic: [Epidemiology and Treatment of Head and Neck Cancer](#)

Subfield: [Otorhinolaryngology](#)

Field: [Medicine](#)

Domain: [Health Sciences](#)

Sustainable Development Goal [Good health and well-being](#)

Open Access status: gold

APC paid (est): \$2,950

Case 2: Deduplicated articles (Zenodo) – Example III



Zenodo

"I don't take for granted that I am doing well today": a mixed methods study on well-being, impact of cancer, and supportive needs in long-term childhood cancer survivors

Hendriks, Manya Jerina¹ · Roser, Katharina¹ · Harju, Erika¹ · Michel, Gisela¹

Purpose: With increasing numbers of childhood cancer survivors (CCS), it is important to identify the impact of cancer and CCS' needs for support services that can mitigate the long-term impact on psychosocial wellbeing, including health-related quality of life (HRQOL). We aimed (1) to describe survivors' wellbeing, impact of cancer, and supportive care needs and (2) to determine how socio-demographic or clinical characteristics and impact of cancer relate to survivors' unmet needs. Method: In this mixed methods study, a quantitative survey was used to assess HRQOL, psychological distress, impact of cancer, and supportive care needs. Qualitative interviews were conducted to explore the meaning of wellbeing, health, and impact of cancer. Results: Overall, 69 CCS participated in the survey of which 28 participated in qualitative interviews (aged ≥ 18 years, diagnosed with cancer ≤ 18 years). Few CCS (13%) reported poor physical HRQOL, but almost half reported poor mental HRQOL (49%) and psychological distress (42%). Health was considered to encompass both: physical and emotional aspects of wellbeing. Cancer positively impacted CCS' ability to care and attitude towards life, whereas relationships and insurance were negatively impacted. Risks for unmet needs increased in CCS with self-reported low health status, late effects, psychological distress, with older age at study or longer time since end of treatment. Conclusion: In our study, many CCS experienced various psychosocial, psychological and informational unmet needs, indicating that survivors' needs are currently not duly addressed. Current efforts to provide supportive psychosocial care in Switzerland should be further operationalized to provide adequate support.

Notes

+ ID der Publikation: unilu_55697 + Sprache: Englisch + Letzte Aktualisierung: 2021-12-02 14:21:08

Files

Hendriks_2021_QualLifeRes_IDonTTakeForGranted.pdf

Quality of Life Research
<https://doi.org/10.1007/s11136-021-03042-6>

"I don't take for granted that I am doing well today": a mixed methods study on well-being, impact of cancer, and supportive needs in long-term childhood cancer survivors

Manya Jerina Hendriks^{1,2} · Nathalie Hartmann¹ · Erika Harju¹ · Katharina Roser¹ · Gisela Michel¹

Accepted: 17 November 2021
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Abstract
Purpose With increasing numbers of childhood cancer survivors (CCS), it is important to identify the impact of cancer and CCS' needs for support services that can mitigate the long-term impact on psychosocial wellbeing, including health-related quality of life (HRQOL). We aimed (1) to describe survivors' wellbeing, impact of cancer, and supportive care needs and (2) to determine how socio-demographic or clinical characteristics and impact of cancer relate to survivors' unmet needs.

Details
DOI: [10.5281/zenodo.5749751](https://doi.org/10.5281/zenodo.5749751)
Resource type: Journal article
Publisher: Zenodo
Published in: Quality of Life Research, 1-15, 2021.

External resources
Indexed in: OpenAIRE

Communities
UnILU - Universität Luzern, Fakultät für Gesundheitswissenschaften und Medizin
UnILU - Universität Luzern
LORY - Lucerne Open Repository

Views
SHOW MORE DETAILS

Versions
Version v1
10.5281/zenodo.5749751 Nov 24, 2021
Cite all versions? You can cite all versions by using the DOI 10.5281/zenodo.5749750. This DOI represents all versions, and will always resolve to the latest one. Read more.

Rights

<https://doi.org/10.5281/zenodo.5749751>

Publisher

Quality of Life Research (2022) 31:1483–1497
<https://doi.org/10.1007/s11136-021-03042-6>

"I don't take for granted that I am doing well today": a mixed methods study on well-being, impact of cancer, and supportive needs in long-term childhood cancer survivors

Manya Jerina Hendriks^{1,2} · Nathalie Hartmann¹ · Erika Harju¹ · Katharina Roser¹ · Gisela Michel¹

Accepted: 17 November 2021 / Published online: 24 November 2021
© The Author(s) 2021

Abstract
Purpose With increasing numbers of childhood cancer survivors (CCS), it is important to identify the impact of cancer and CCS' needs for support services that can mitigate the long-term impact on psychosocial wellbeing, including health-related quality of life (HRQOL). We aimed (1) to describe survivors' wellbeing, impact of cancer, and supportive care needs and (2) to determine how socio-demographic or clinical characteristics and impact of cancer relate to survivors' unmet needs.
Method In this mixed methods study, a quantitative survey was used to assess HRQOL, psychological distress, impact of

<https://doi.org/10.1007/s11136-021-03042-6>

Case 2: Deduplicated articles (Zenodo) – Example III



"I don't take for granted that I am doing well today": a mixed methods study on well-being, impact of cancer, and supportive needs in long-term childhood cancer survivors

Work

HTML PDF API

Year: 2021
Type: article
Source: Zenodo (CERN European Organization for Nuclear Research)
Authors: Manya J. Hendriks, Katharina Roser, E Harju, Gisela Michel
Institution: University of Lucerne

Cites:
Cited by:
Related to: 10

Topic: Pediatric Cancer and Quality of Life
Subfield: Pediatrics, Perinatology and Child Health
Field: Medicine
Domain: Health Sciences

Open Access status: green

"I don't take for granted that I am doing well today": a mixed methods study on well-being, impact of cancer, and supportive needs in long-term childhood cancer survivors

Work

HTML PDF API

Year: 2021
Type: article
Abstract: Purpose With increasing numbers of childhood cancer survivors (CCS), it is important to identify the impact of cancer and CCS' needs for support services that can mitigate the long-term impact on psy... [more](#)
Source: Quality of Life Research
Authors: Manya J. Hendriks, Nathalie Hartmann, E Harju, Katharina Roser, Gisela Michel
Institution: University of Lucerne

Cites: 62
Cited by: 3
Related to: 10

Topic: Pediatric Cancer and Quality of Life
Subfield: Pediatrics, Perinatology and Child Health
Field: Medicine
Domain: Health Sciences
Sustainable Development Goal: No poverty

Open Access status: hybrid
APC paid (est): \$3,009

Case 2: Deduplicated articles (Zenodo)



What about the articles with a Zenodo DOI and without duplicates (University of Lucerne, 2020-2024)?

Have they been correctly matched?

Case 2: Deduplicated articles (Zenodo) – Example IV



Zenodo

Should administrative costs in health insurance be included in the risk-equalization? An analysis of five countries

Douven, Rudy; Kauer, Lukas¹; Demme, Sylvia; Paolucci, Francesco; van de Ven, Wynand; Wasem, Jürgen; Zhao, Xiaoxi

Most countries that apply risk-equalization in their health insurance market(s) perform risk-equalization on medical claims but do not include other components of the insurance premium, such as administrative costs. Using fixed effects panel regressions from individual insurers in Australia, Germany, the Netherlands, Switzerland, and the US, we find evidence that health insurers with a high morbidity population on average have higher administrative costs. We argue that administrative costs should also be included in risk-equalization and we show that such equalization results in additional equalization payments nontrivial in size. Using examples from Germany and the US, we show how in practice policymakers can include administrative costs in risk-equalization. We are skeptical about applying risk-equalization to other components of the insurance premium, such as profits or costs related to solvency requirements of insurers.

Notes

+ ID der Publikation: unilu_68259 + Sprache: Englisch + Letzte Aktualisierung: 2023-06-06 12:23:46

Files

Douven2022_EJHE_ShouldAdministrativeCostsInHea.pdf

The European Journal of Health Economics (2022) 23:1437–1453
<https://doi.org/10.1007/s10198-022-01436-y>

ORIGINAL PAPER

Should administrative costs in health insurance be included in the risk-equalization? An analysis of five countries

Rudy Douven^{1,7} · Lukas Kauer^{2,3,10} · Sylvia Demme⁴ · Francesco Paolucci^{5,6} · Wynand van de Ven⁷ · Jürgen Wasem⁸ · Xiaoxi Zhao⁹

Received: 15 October 2021 / Accepted: 11 January 2022 / Published online: 7 February 2022
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Version v1
10.5281/zenodo.8009889 Feb 7, 2022

Cite all versions? You can cite all versions by using the DOI 10.5281/zenodo.8009888. This DOI represents all versions, and will always resolve to the latest one. [Read more.](#)

External resources

Indexed in

OpenAIRE

Communities

UniLU - Universität Luzern, Fakultät für Gesundheitswissenschaften und Medizin

UniLU - Universität Luzern

LORY - Lucerne Open Repository

Keywords and subjects

Risk-equalization Risk-equalization payments

Administrative insurance costs Loading fee Medical claims

<https://doi.org/10.5281/zenodo.8009889>

Publisher

The European Journal of Health Economics (2022) 23:1437–1453
<https://doi.org/10.1007/s10198-022-01436-y>

ORIGINAL PAPER

Should administrative costs in health insurance be included in the risk-equalization? An analysis of five countries

Rudy Douven^{1,7} · Lukas Kauer^{2,3,10} · Sylvia Demme⁴ · Francesco Paolucci^{5,6} · Wynand van de Ven⁷ · Jürgen Wasem⁸ · Xiaoxi Zhao⁹

Received: 15 October 2021 / Accepted: 11 January 2022 / Published online: 7 February 2022
© The Author(s) 2022

Check for updates

<https://doi.org/10.1007/s10198-022-01436-y>

Case 2: Deduplicated articles (Zenodo) – Example IV



Should administrative costs in health insurance be included in the risk-equalization? An analysis of five countries

Work

HTML PDF API

Year: 2022
Type: article
Source: Zenodo (CERN European Organization for Nuclear Research)
Authors Rudy Douven, Lukas Kauer, Sylvia Demme, Francesco Paolucci, Wynand van de Ven +2 more
Institution University of Lucerne

Cites:
Cited by:
Related to: 10

Topic: Economics of Health Care Systems and Policies
Subfield: Economics and Econometrics
Field: Economics, Econometrics and Finance
Domain: Social Sciences

Open Access status: green

University of Lucerne is the only identified institution

Should administrative costs in health insurance be included in the risk-equalization? An analysis of five countries

Work

HTML PDF API

Year: 2022
Type: article
Abstract: Most countries that apply risk-equalization in their health insurance market(s) perform risk-equalization on medical claims but do not include other components of the insurance premium, such as admini... more
Source: The European Journal of Health Economics
Authors Rudy Douven, Lukas Kauer, Sylvia Demme, Francesco Paolucci, Wynand van de Ven +2 more
Institutions CPB Netherlands Bureau for Economic Policy Analysis, Federal Office for Information Security, University of Newcastle Australia, Erasmus University Rotterdam, University of Duisburg-Essen

Cites: 18
Cited by: 4
Related to: 10

Topic: Economics of Health Care Systems and Policies
Subfield: Economics and Econometrics
Field: Economics, Econometrics and Finance
Domain: Social Sciences
Sustainable Development Goal Decent work and economic growth

Open Access status: hybrid
APC paid (est): \$4,390

University of Lucerne is missing

Case 2: Deduplicated articles (Zenodo) – Example IV



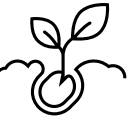
After further investigation of example 4, it appears that the University of Lucerne does not appear in the institutions list of the publisher's version in OpenAlex because:

1. The publisher does not make affiliations available in Crossref, and
2. the extracting and parsing algorithm (applied on an OA version of the article) only detects the first affiliation of each author for this specific publication

Intermediary takeaway:

- Institutional repositories offer an opportunity to enrich affiliation metadata (i.e., the information available in the Zenodo version in OpenAlex could be used to enrich the publisher's version in OpenAlex when the metadata of both versions of the publication are merged), but...

Case 2: Deduplicated articles (Zenodo) – Example IV



Institutional repositories offer an opportunity to enrich affiliation metadata (i.e., the information available in the Zenodo version in OpenAlex could be used to enrich the publisher's version in OpenAlex when the metadata of both versions of the publication are merged), but...

- As of today, one cannot rely on the presence of a publication in an institutional repository to infer the presence of an affiliation with the institution
- It is therefore preferable to use repositories that include a metadata indicating whether or not the publications it contains are affiliated with the institution

Attitudes and needs of residents in long-term care facilities regarding physical activity-A systematic review and synthesis of qualitative studies

This is the peer-reviewed version of the following article: Maurer C, Chagnacou E, Mayer H, Gattlinger H. Attitudes and needs of residents in long-term care facilities regarding physical activity-A systematic review and synthesis of qualitative studies. J Clin Nurs. 2019; 29: 2394-2403, which has been published in final form at <https://doi.org/10.1111/jocn.14761>. This article may be used for non-commercial purposes in accordance with Wiley Terms and Conditions for Use of Self-Archived Versions. This article may not be extracted, scanned or otherwise transformed into a derivative work, without express permission from Wiley or by statutory rights under applicable legislation. Copyright notices must not be removed, obscured or modified. The article must be stored in Wiley Online Library and any embedding, framing or otherwise making available the article or pages thereof by third parties from platforms, services and websites other than Wiley Online Library must be prohibited.

Aims and objectives: To identify the attitudes and needs of nursing home residents regarding physical activity.

Background: Nursing home residents often have mobility problems and are at high risk for further mobility impairment. From their point of view, being physically active is an important part of their perceived quality of life. However, no study has synthesised existing qualitative literature on residents' attitudes and needs regarding physical activity.

Design: Synthesis of qualitative studies.

Methods: A systematic review and synthesis of qualitative studies was performed, using ENTREQ statement for reporting. Three databases (PubMed, CINAHL, and PsycINFO) were searched, supplemented by a hand search. Qualitative studies published in English or German were included if they addressed the attitudes and needs of residents concerning the promotion of physical activities. Finally, 12 studies were critically reviewed, and a thematic synthesis was conducted.

Results: Four analytical themes relating to residents' attitudes were identified: "grounding physical activity increases the quality of life," "accepting the conditions," "personal relative is significant" and "promoting physical activity is not helpful." Studies to residents' needs, the employees needed five themes: "being autonomous," "continuing life as before," "competent care," "individually adapted programme and support," and "barrier-free accessibility."

Conclusions: Nursing home residents have a different attitudes and needs regarding being physically active. It is important to perceive these attitudes and needs of each resident and to offer an individually adapted programme and support. Further research should consider individual strategies for residents who are not very mobile (beginning with being physically active and offer exercise programmes with individual parts to address residents' preferences).

Relevance to clinical practice: To include and activate residents, institutions should be aware of residents' individual attitudes and needs regarding physical activity. Further development of interventions concerning mobility promotion activities and their implementation in long-term care settings should consider the outlined factors.

Notes
© der Publikation: info_15593 • Art des Beitrags: Facharbeiten • Sprache: Deutsch • Letzte Aktualisierung: 2024-10-22 17:30:50

Files
Journal_of_Clinical_Nursing_2019_Maurer_C_Attitudes_and_needs_of_residents_in_longterm_care_facilities_regarding.pdf

Received 3 October 2018 | Revised 8 December 2018 | Accepted 17 December 2018

REVIEW

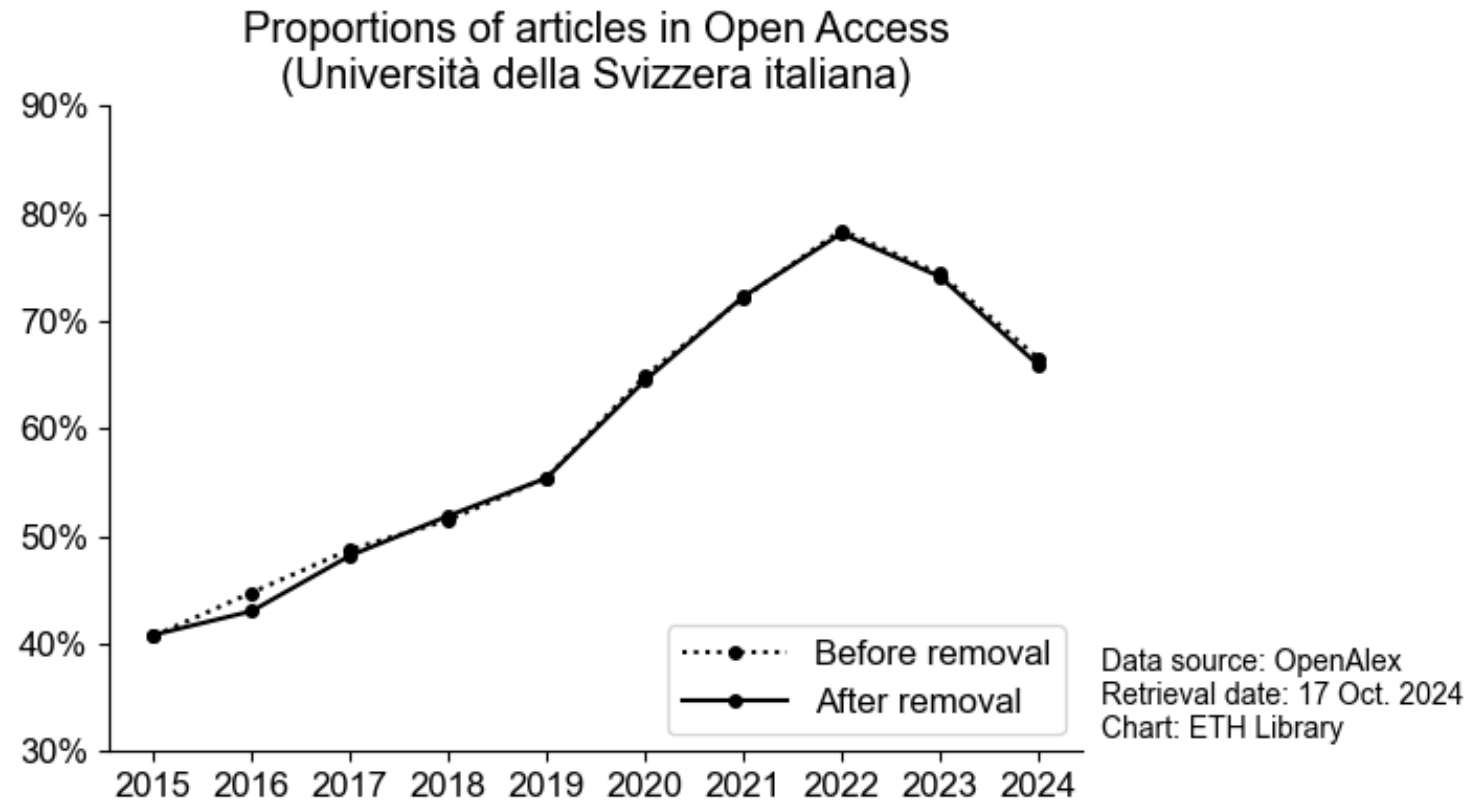
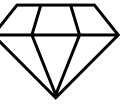
Attitudes and needs of residents in long-term care facilities regarding physical activity—A systematic review and synthesis of qualitative studies

Example of a publication in the institutional repository of the University of Lucerne that does not have any affiliation with the University of Lucerne

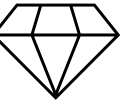
<https://doi.org/10.5281/zenodo.13972030>

Takeaway:
Institutional repositories with a metadata indicating whether the publications they contain are affiliated with their institution are more likely to be used to enrich the affiliation metadata

Example 3: Misattribution of institution



Example 3: Misattribution of affiliations



What can be done with the green list?

List USI		
rank	substring	id count
1	Università della Svizzera	3982
2	Università della Svizzera italiana	2307
3	Università della Svizzera Italiana	1697
4	University of Lugano	541
5	USI Lugano	171
6	Universita della Svizzera italiana	143
7	Università Della Svizzera Italiana	129
8	University of Italian Switzerland	123
9	Universita della Svizzera Italiana	108
10	USI, Lugano	84
...
150	Universita??? della Svizzera italiana	1
151	Universita` della Svizzera Italiana	1
152	université de Lugano	1

Case 3: Misattribution of affiliations



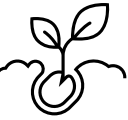
List USI		
rank	substring	id count
1	Università della Svizzera	3982
2	Università della Svizzera italiana	2307
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10	USI, Lugano	84
...
150	Universita??? della Svizzera italiana	1
151	Universita` della Svizzera Italiana	1
152	université de Lugano	1

The Università della Svizzera italiana has a style guide stipulating explicitly that "the translation of the official name of the institution as University of Lugano is not to be used." Other unofficial names are not included in the style guide.

The green list suggests that mentioning "University of Lugano" and not mentioning other unofficial names is a wise choice, since it is the most widespread unofficial name in the considered sample.

<https://www.desk.usi.ch/en/corporate-design-templates-and-rules>

Case 3: Misattribution of affiliations



List USI		
rank	substring	id count
1	Università della Svizzera	3982
2	Università della Svizzera italiana	2307
3	Università della Svizzera Italiana	1697
4	University of Lugano	541
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6	Universita della Svizzera italiana	143
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9	Universita della Svizzera Italiana	108
10	USI, Lugano	84
...
150	Universita??? della Svizzera italiana	1
151	Universita` della Svizzera Italiana	1
152	université de Lugano	1

Examples of actions regarding future research outputs

- **Availability**

Ensure that a style guide with official (and, if relevant, the most widespread unofficial) institution names is accessible and easily findable.

- **Awareness**

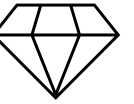
Ensure that researchers and academic staff are aware of the official institution names.

Encourage publishers to use persistent institutional identifiers like ROR.

- **Targeted actions**

Use open databases to identify the origin of the most widespread unofficial naming and to target actions in a significant way (unawareness of authors from a specific research unit, improper semi-automatic entries for address on publishers' platforms...)

Example 3: Misattribution of affiliations



What can be done with the red list?

List non USI		
rank	substring	id count
1	Istituto Oncologico della Svizzera Italiana	99
2	Scuola Universitaria Professionale della Svizzera Italiana	86
3	Scuola universitaria professionale della Svizzera italiana	78
4	Istituto di Imaging della Svizzera Italiana	16
5	Istituto Pediatrico della Svizzera Italiana	12
6	Scuola Universitaria Professionale della Svizzera italiana	12
7	Istituto Imaging della Svizzera Italiana	9
8	Zurigo, Svizzera	8
9	Istituto Oncologico Svizzera Italiana	6
10	Neurocentro della Svizzera Italiana	6
...
51	Cardiac surgery department, L.U.de.S. University	1
52	Attualità dalla Svizzera italiana	1
53	facoltà di Lettere, Università di Friburgo (Svizzera)	1

Case 3: Misattribution of affiliations



List non USI		
rank	substring	id count
1	Istituto Oncologico della Svizzera Italiana	99
2	Scuola Universitaria Professionale della Svizzera Italiana	86
3	Scuola universitaria professionale della Svizzera italiana	78
4	Istituto di Imaging della Svizzera Italiana	16
5	Istituto Pediatrico della Svizzera Italiana	12
6	Scuola Universitaria Professionale della Svizzera italiana	12
7	Istituto Imaging della Svizzera Italiana	9
8	Zurigo, Svizzera	8
9	Istituto Oncologico Svizzera Italiana	6
10	Neurocentro della Svizzera Italiana	6
...
51	Cardiac surgery department, L.U.de.S. University	1
52	Attualità dalla Svizzera italiana	1
53	facoltà di Lettere, Università di Friburgo (Svizzera)	1

Case 3: Misattribution of affiliations: Missing institution in ROR



EOC Pazienti Specialità Ospedali e Istituti Professi

Istituto Oncologico della Svizzera Italiana

L'Istituto Oncologico della Svizzera Italiana (IOSI) raggruppa in un'unica struttura organizzativa tutte le specialità non chirurgiche che all'interno dell'EOC si occupano di tumori. Lo IOSI si basa sul modello del

ROR Istituto Oncologico dell. ABOUT

474 Organizations

Are we missing an organization you're looking for? [Submit a request to add it](#)

Record status ?

- Active
- Inactive
- Withdrawn

[Apply](#) [Clear](#)

<https://ror.org/03c4atk17>

Università della Svizzera italiana

ROR IOSI

Record status ?

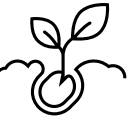
- Active
- Inactive
- Withdrawn

[Apply](#) [Clear](#)

No Organizations found. [Return to organizations list.](#)

The misattributed institutions are missing in ROR (Research Organization Registry), the source used by OpenAlex to match affiliations.

Case 3: Misattribution of affiliations: Missing institution in ROR



Solution:
Add the missing institutions to ROR

What are you requesting? *

- Add a new organization to ROR
- Modify the information in an existing ROR record
- Deprecate an existing ROR record
- Merge two or more ROR records
- Split an existing ROR record into two or
- Sonstiges: _____

Weiter

783 Open ✓ 14,260 Closed

Author ▾ Label ▾ Projects ▾ Milestones ▾ Assignee ▾ Sort ▾

- Add a new organization to ROR: Istituto Oncologico della Svizzera Italiana triage needed 
#15119 opened 3 minutes ago by ror-curator-bot
- Add a new organization to ROR: Istituto Pediatrico della Svizzera Italiana triage needed 
#15118 opened 3 minutes ago by ror-curator-bot
- Add a new organization to ROR: Istituto Imaging della Svizzera Italiana triage needed 
#15117 opened 3 minutes ago by ror-curator-bot

Case 3: Misattribution of affiliations: Other cases



List non USI		
rank	substring	id count
1	Istituto Oncologico della Svizzera Italiana	99
2	Scuola Universitaria Professionale della Svizzera Italiana	86
3	Scuola universitaria professionale della Svizzera italiana	78
4	Istituto di Imaging della Svizzera Italiana	16
5	Istituto Pediatrico della Svizzera Italiana	12
6	Scuola Universitaria Professionale della Svizzera italiana	12
7	Istituto Imaging della Svizzera Italiana	9
8	Zurigo, Svizzera	8
9	Istituto Oncologico Svizzera Italiana	6
10	Neurocentro della Svizzera Italiana	6
...
51	Cardiac surgery department, L.U.de.S. University	1
52	Attualità dalla Svizzera italiana	1
53	facoltà di Lettere, Università di Friburgo (Svizzera)	1

The misattribution of the *Suola Universitaria Professionale della Svizzera Italiana* to the *Università della Svizzera italiana* is not due to missing or incomplete records in ROR

<https://ror.org/05ep8g269>

University of Applied Sciences and Arts of Southern Switzerland

ORGANIZATION TYPES
Education

LOCATIONS
Bioggio (GeoNames ID 2661498), Switzerland

OTHER NAMES
Acronyms
SUPSI
Labels
Scuola Universitaria Professionale della Svizzera Italiana (it)

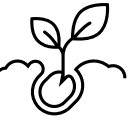
WEBSITE
http://www.supsi.ch/home_en.html

OTHER IDENTIFIERS
GRID grid.16058.3a
ISNI 0000 0001 2325 2233
Wikidata Q663984

RELATIONSHIPS
Child Organizations
Dalle Molle Institute for Artificial Intelligence Research
Related Organizations
Swiss Distance University of Applied Sciences

Some record data is not displayed in this view. See JSON view for full record data
Record last modified 2024-05-13. Is there an issue with the data on this record? [Suggest a change](#)

Case 3: Misattribution of affiliations: Other cases



Works magnet

to improve affiliation data in OpenAlex

Works magnet

OpenAlex Raw affiliation	ROR computed by OpenAlex ↑↓	Click to improve / edit RORs	Modified by user? ↑↓	Works ↓
<input type="checkbox"/>				
<input checked="" type="checkbox"/> universita di zurigo [source: OpenAlex]		• 02cr#812	✖ MODIFIED	<ul style="list-style-type: none"> W2775683561 10.22015/vrstr/64 W4245485310 10.22015/vrstr/64 W2909536277
<input type="checkbox"/> universita di zurigo italy [source: OpenAlex]				<ul style="list-style-type: none"> W2785857090 10.23744/1029
<input type="checkbox"/> universita di zurigo / universita degli studi di udine [source: OpenAlex]	ROR https://ror.org/05ht0mh31 (University of Udine - IT)	• 05ht0mh31		<ul style="list-style-type: none"> W2774722788 10.22015/vrstr/64
<input checked="" type="checkbox"/> universita di zurigo svizzera [source: OpenAlex]	ROR https://ror.org/03d4rlk17 (Universita della Svizzera italiana - CH)	• 02cr#812	✖ MODIFIED	<ul style="list-style-type: none"> W2921999216 10.1177/0014585819
				• W3042309156

<https://works-magnet.esr.gouv.fr/>

OpenOrgs

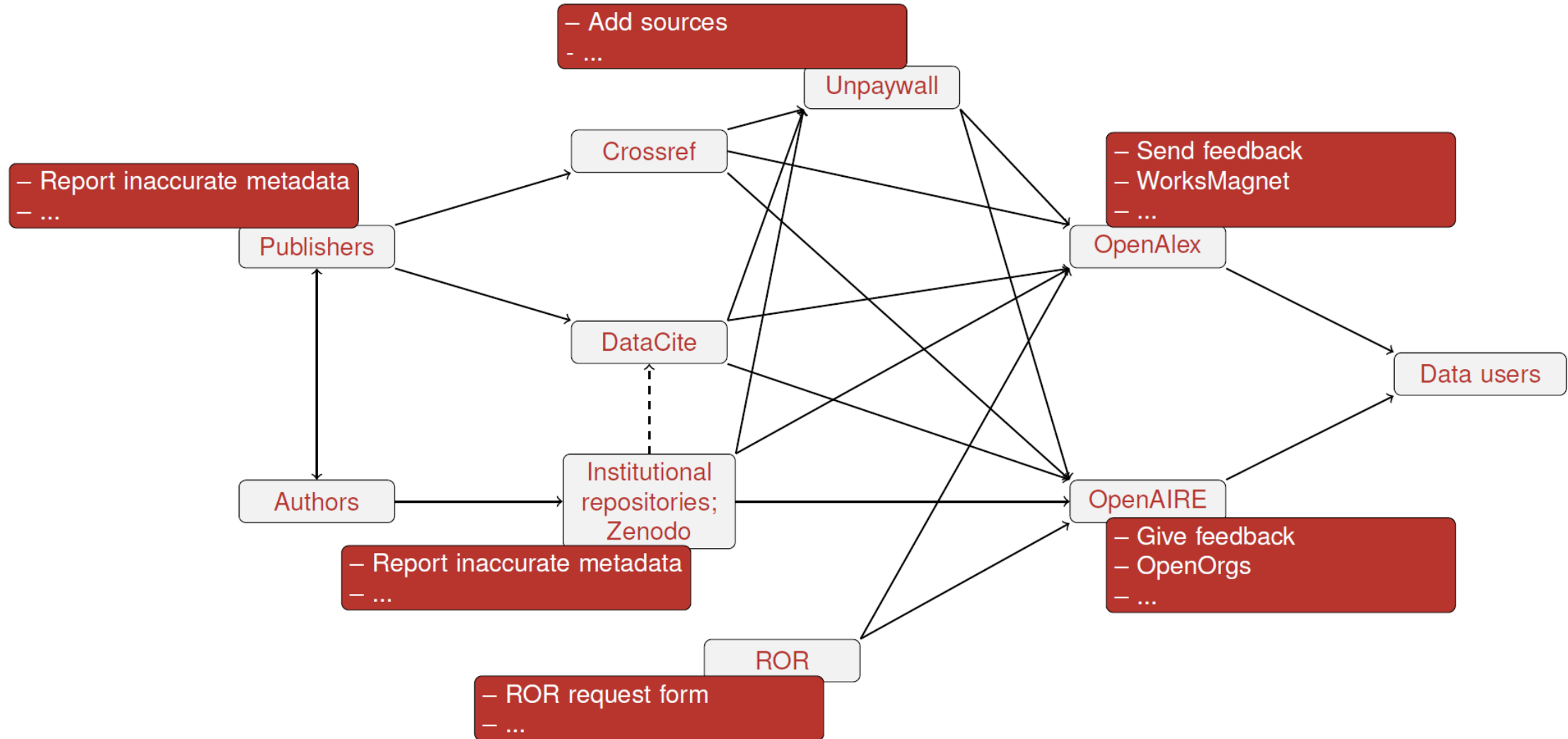
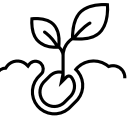
to improve affiliation data in OpenAIRE Graph

OpenOrgs

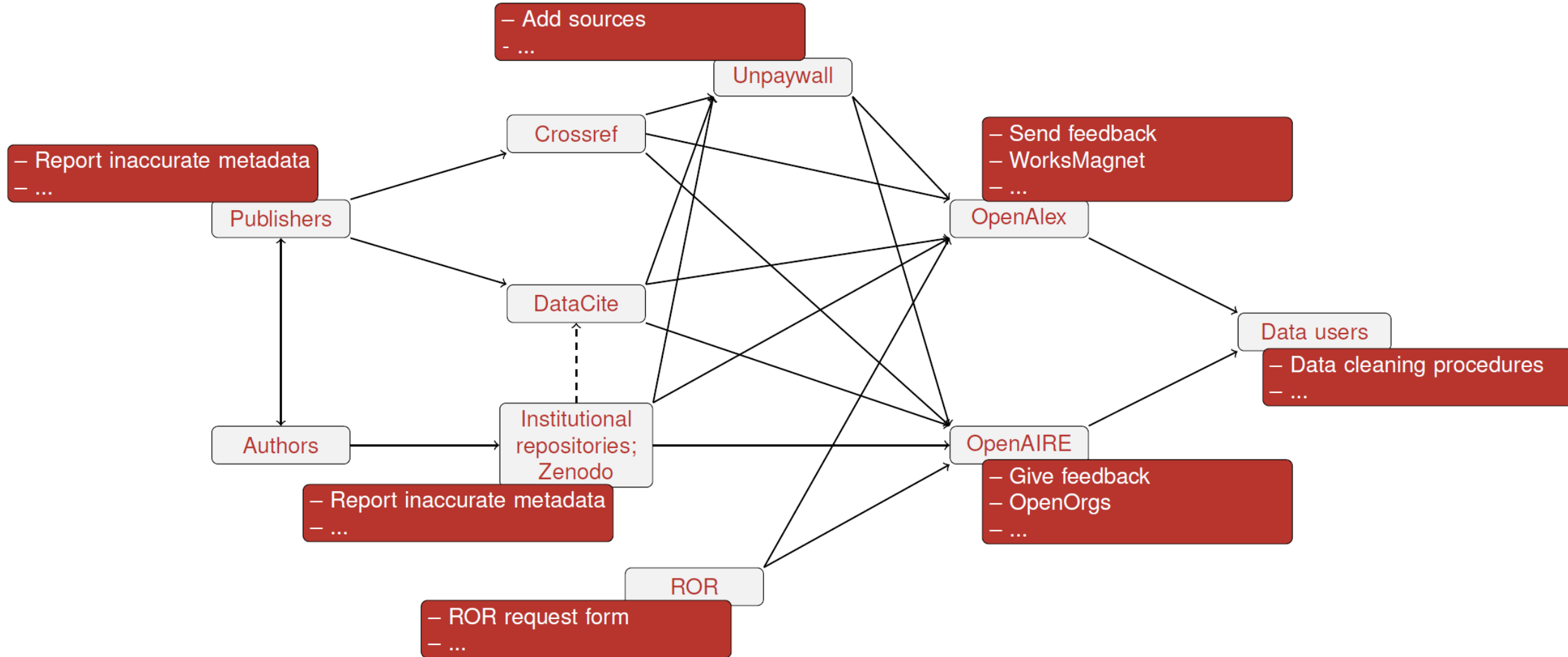
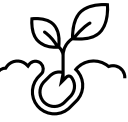
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ETH Zürich - Suisse URL:	UNKNOWN	Original Id: :94bb1de1f791de99b71264e325302bc1 OA Graph Node ID: :cfdaf8e01e7c7d284f62079aabfad5c0 [try] Added by: simon.willemin@library.ethz.ch	✖ ? ✓
ETH Zuerich URL:	UNKNOWN	Original Id: :95e5b334860c86748f6f5a194667c7ed OA Graph Node ID: :c9042f631c88fa3de41ef8f73e6f4c04 [try] Added by: simon.willemin@library.ethz.ch	✖ ? ✓
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<https://openorgs.openaire.eu/>

Curation processes of institutional metadata in a dynamic environment (simplified)



Curation processes of institutional metadata in a dynamic environment (simplified)



Curation processes of institutional metadata in a dynamic environment (simplified)

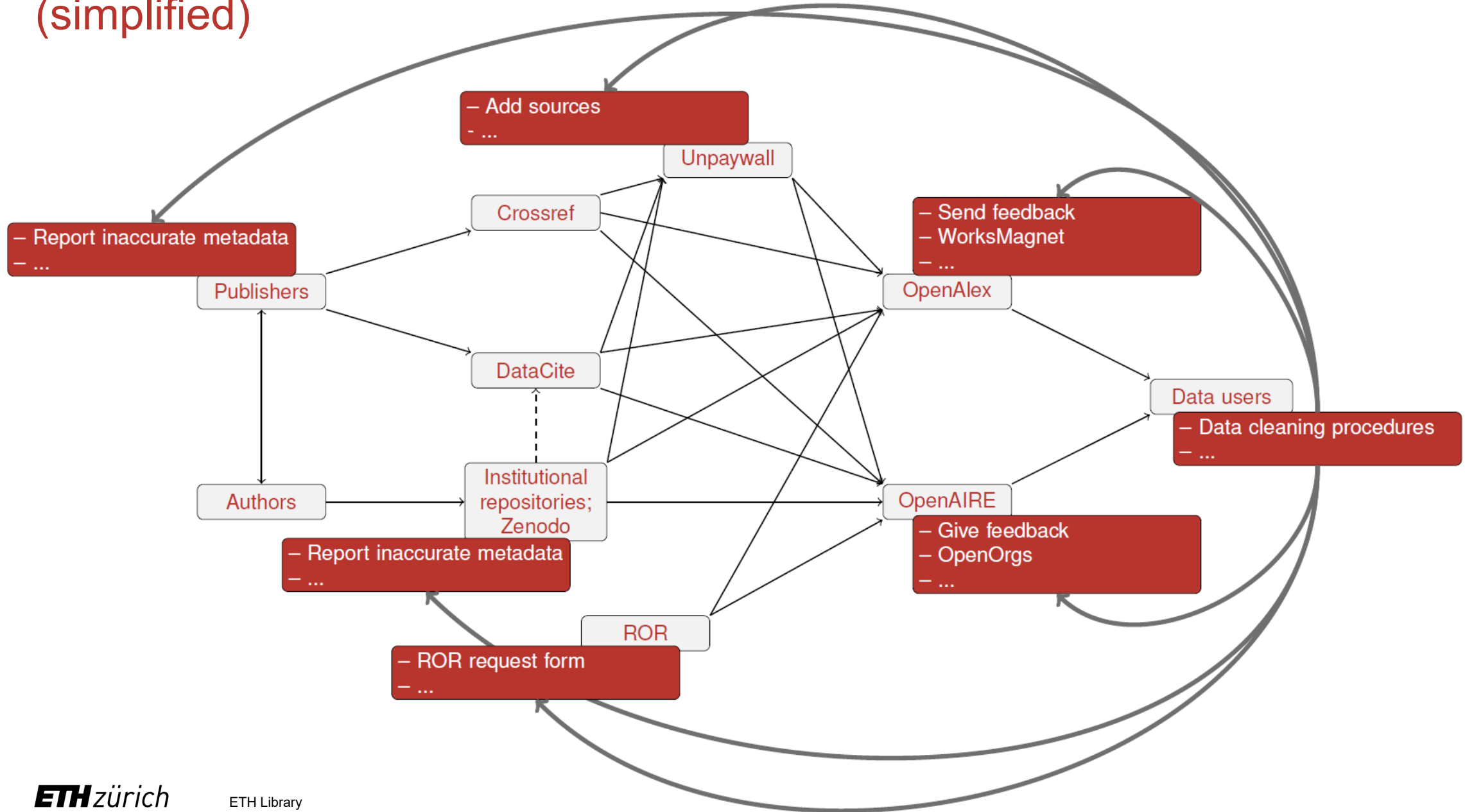
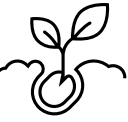


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 - Three examples of data cleaning
3. How to improve the publication metadata in open data sources?
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4. Future projects and events
5. Questions and discussion

Future projects and events

TOBI deliverable in preparation

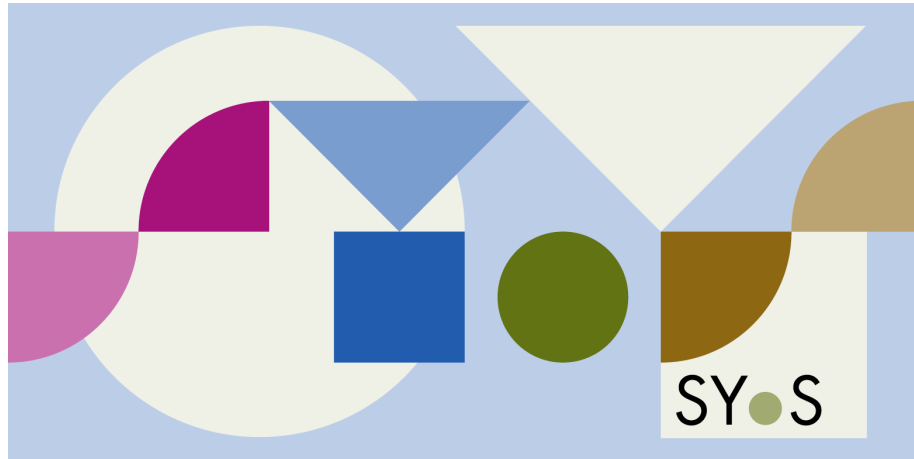
- “Recommendations for Swiss Higher Education Institutions to enhance the visibility of their research output in open databases”
 - A set of recommendations accompanied by use cases

- Possible focusses:
 - Increase of the availability of open metadata provided by **publishers** and other primary (meta)data providers
 - Improve accessibility, accurateness and interoperability of **institutional repositories**
 - Facilitate document upload and promotion of persistent identifiers for **authors and contributors**
 - Enrich and curate research outputs and research information in **global open databases**
 - ...

Future project (metadata standards)

- We are planning a project in which the metadata standards of the HEIs repositories are further developed so that the data of the repositories allow the following:
 - Easy linkage with bibliometric data sources such as OpenAlex and OpenAIRE
 - (Comparative) bibliometric analyses of the Swiss higher education landscape
- Guidelines to set a gold standard will be developed and made available to all higher education institutions
- For the project to be a success, the project aims to encourage as many institutions as possible to declare their willingness to meet the set gold standard.
- With this project, we want to take the next step towards the goal of formal cooperation in the field of scientometrics

Swiss Year of Scientometrics (SYoS)



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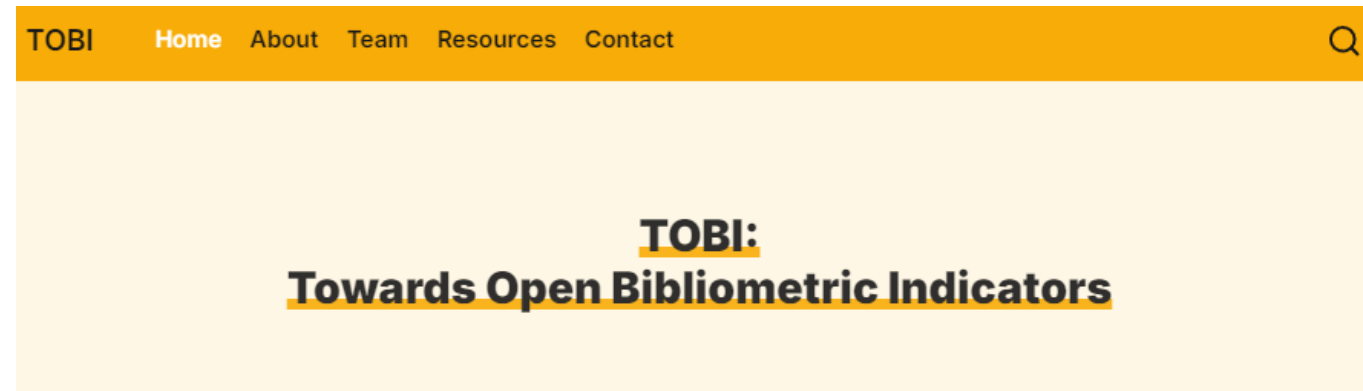
In 2025, the Swiss Year of Scientometrics event (SYoS 6) will address topics related to **open research information** and **open scholarly data** (OpenAlex, OpenAIRE, ROR, ORCID...)

Together with EPFL, we plan to organize a joint event gathering participants to share their findings and experiences with open scholarly data in Switzerland

More **details** will be provided at the end of the SYoS 5 Lecture on **Wednesday 13 November 2024**, at the **University of Fribourg (17:00-18:30)**

Thank you for your attention

- Further results are available on the project website



ETH zürich

ETH Library

swissuniversities

TOBI is a project lead by the ETH Library and co-funded by swissuniversities. It aims to evaluate the quality of open bibliometric data sources regarding research affiliated with Swiss Higher Education Institutions. The project has started in Q1 2023 and will wrap up in Q2 2025.

<https://eth-library.github.io/tobi/>

Questions and discussion

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