

Hybrid OA Dashboard

Ein Analysewerkzeuge zur Open Access Transformation
wissenschaftlicher Journale

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Open Access Transformationsverträge

Ziele des Lizenzierungsmodells:

- Verringerung Subskriptionsanteil
- Erhöhung OA-Anteil
- Auffindbarkeit der OA-Artikel
- Transparente und effiziente Workflows

(siehe auch [ESAC-Workflow Empfehlungen](#))

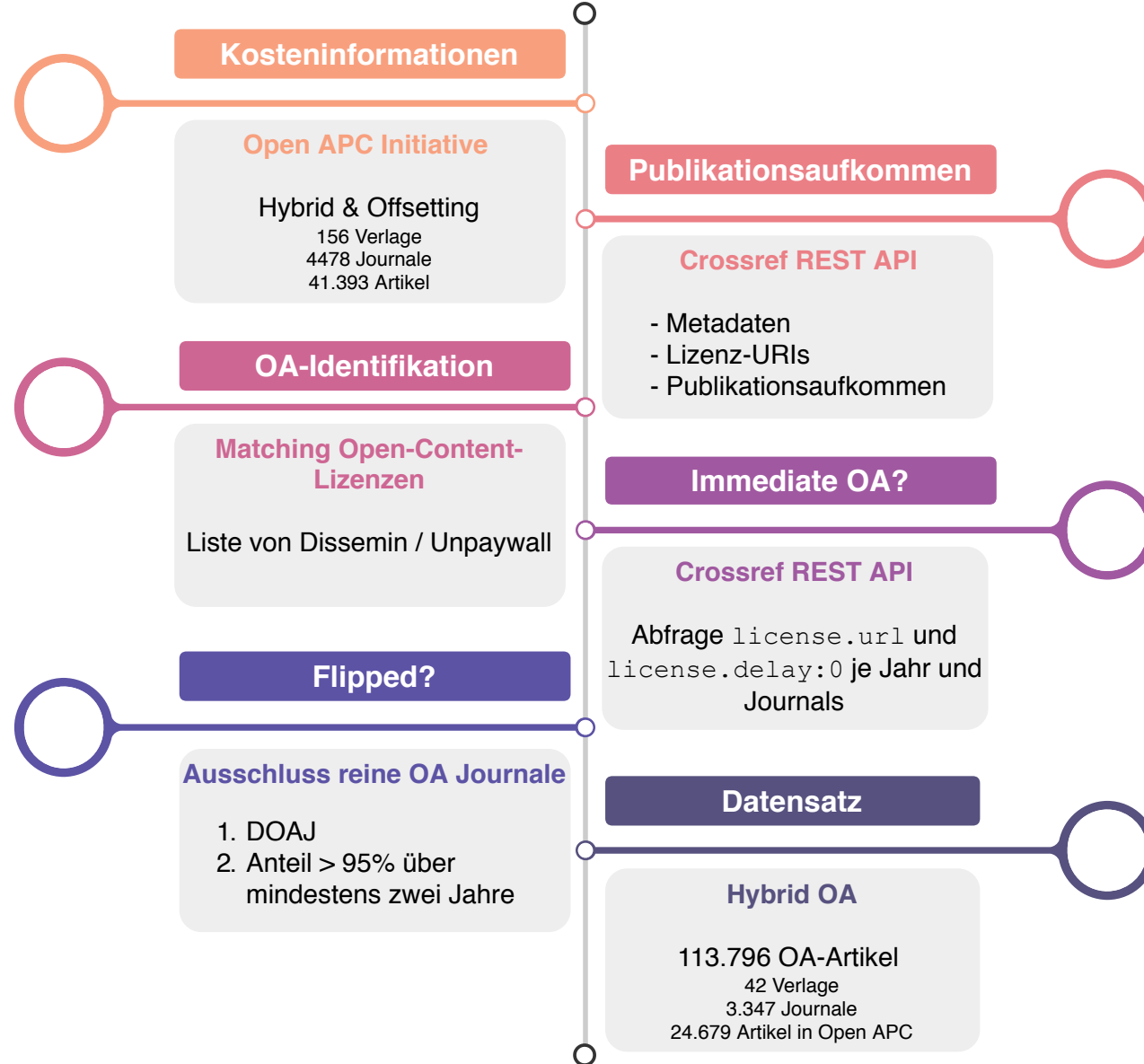


The screenshot shows the DFG (Deutsche Forschungsgemeinschaft) website. The header includes the DFG logo and the text 'Deutsche Forschungsgemeinschaft'. Below the header is a navigation bar with a menu icon and the following items: 'Förderung', 'Geförderte Projekte', 'DFG im Profil', and 'DFG MAGAZIN'. The breadcrumb trail reads: 'Startseite > Förderung > Förderung auf einen Blick > Wissenschaftliche Infrastruktur > LIS > > Informationen zur Ausschreibung Transformationsverträge'. The main heading is 'Informationen zur Ausschreibung "Open-Access-Transformationsverträge"'. The text below explains the initiative: 'Die weltweite Initiative zur Transformation des wissenschaftlichen Publikationswesens in den Open Access (OA2020) hat zum Ziel, die Finanzierungsströme für wissenschaftlich hochwertige Zeitschriften umzustellen. Künftig soll nicht mehr für den Zugang zu Artikeln, sondern für deren Publikation im Open Access gezahlt werden. Dies kann durch Verträge zwischen Bibliothekskonsortien und Verlagen erreicht werden. Dabei können alle Wissenschaftlerinnen und Wissenschaftler einer am Vertrag beteiligten Einrichtung ohne eigene Aufwände im Open Access publizieren.'

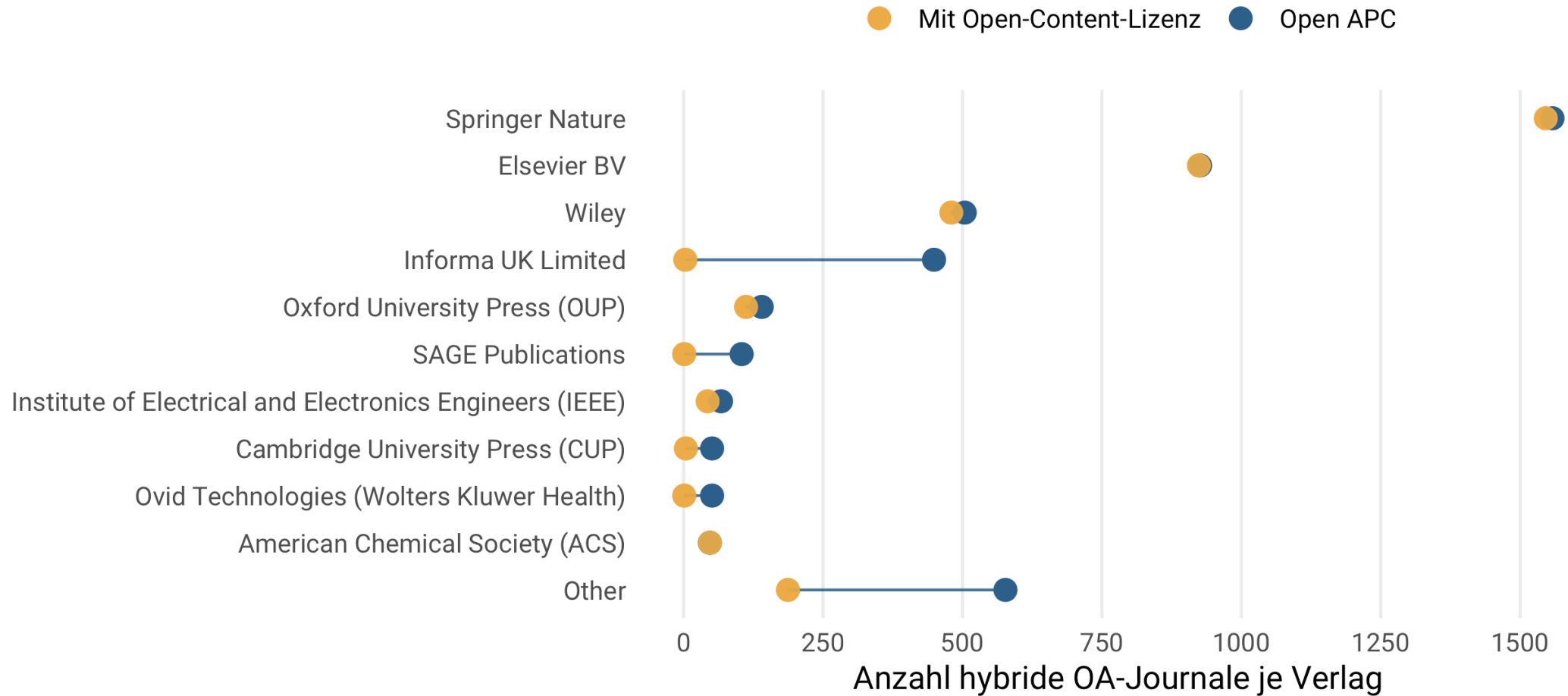
Kennzahlenorientierte Definition hybrides OA-Journal

1. Institutionelle Förderung für mindestens einen Open-Access-Artikel ist durch die **Open APC Initiative** erfasst
2. Artikel im sofortigen Open Access sind als solche über **Crossref** mittels Open-Content-Lizenzen (z.B. CC-Lizenz) auffindbar

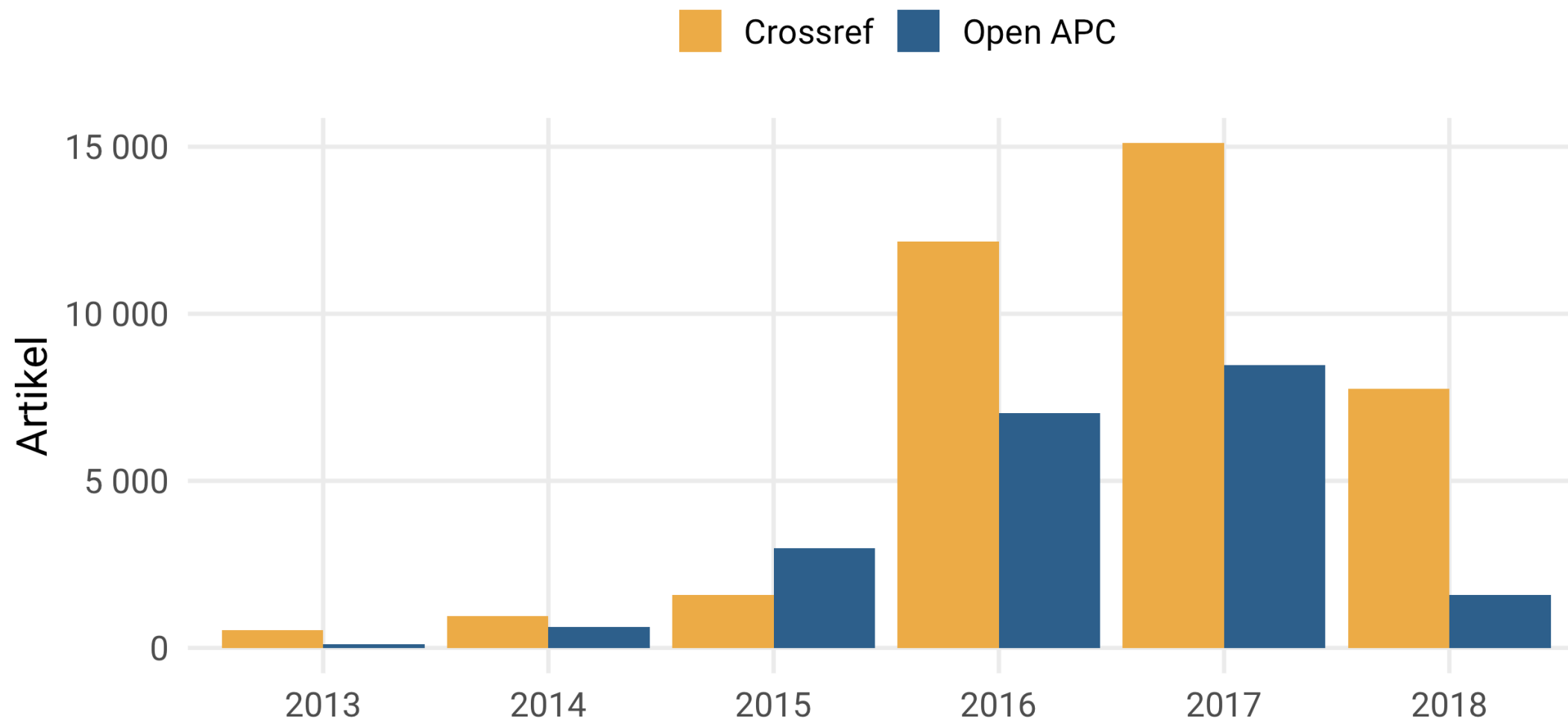




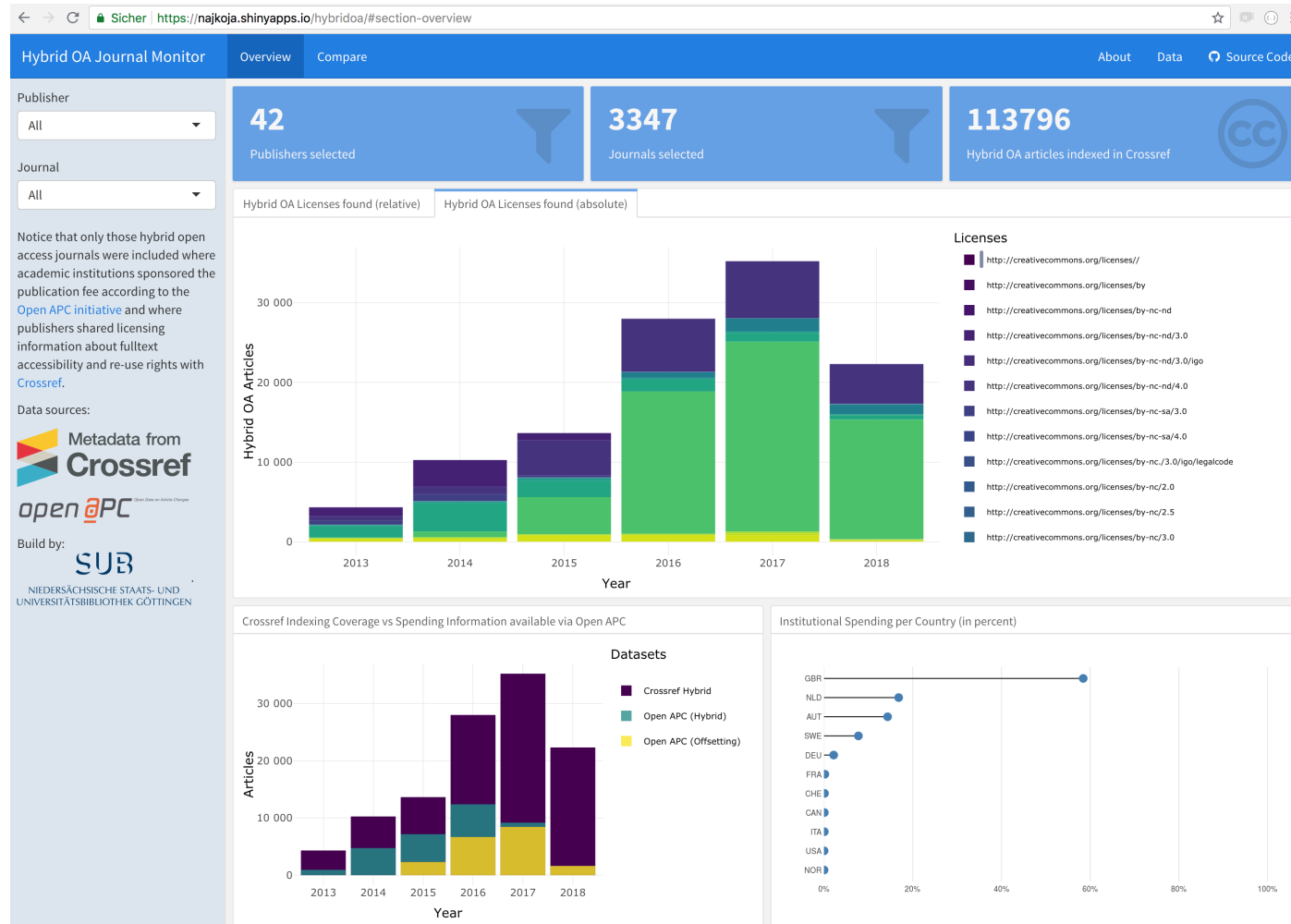
Hybrid Open Access Journals: Sind Open-Content-Lizenzen über Crossref verfügbar?



Springer Nature Abdeckung OA-Artikel im hybriden Modell



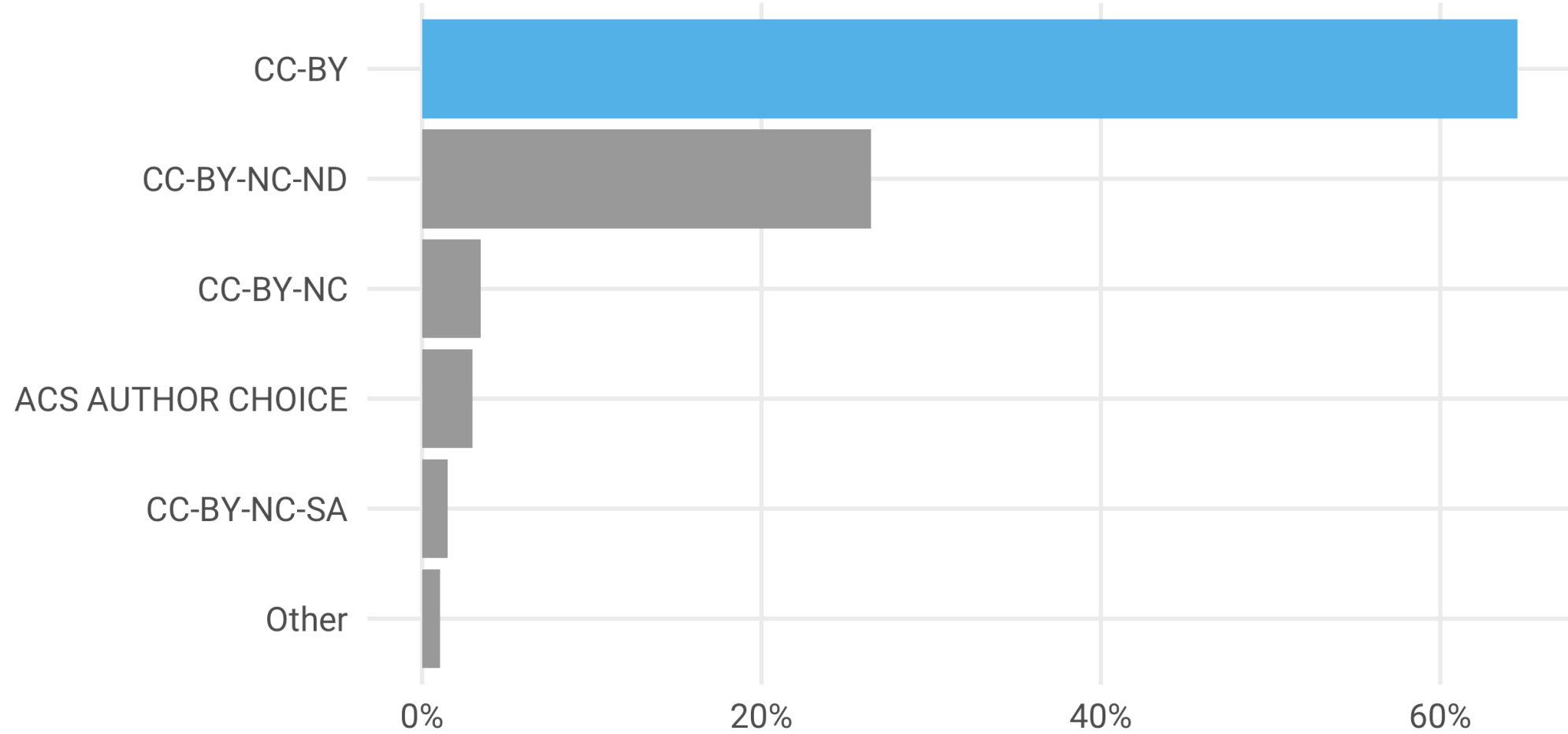
Hybrid OA Dashboard



<https://najkoja.shinyapps.io/hybridoa>



Anteil Open-Content-Lizenzen für hybride OA Artikel



Machbarkeit offenes OA-Monitoring

Vorteile

- Offene und freie Verfügbarkeit der Datenquellen
- Interventionsmöglichkeiten durch die Verlage (Crossref) und Bibliotheken (Open APC)
- regelmäßige Abfragen und Aktualisierungen möglich
- Einfache Implementierung reproduzierbarer Workflows und Analyseapplikationen

Nachteile

- Lizenzabdeckung
- Keine Unterscheidung nach Artikeltypen
- Keine vollständige Abdeckung an Autoren- und Affiliationsangaben

Ausblick

Antrag im Rahmen der DFG-Ausschreibung „Open-Access-Transformationsverträge“ (Workflow- und Fondsprojekt)

- Weiterentwicklung des Dashboards zu einem Analysedienst für Konsortien
- Evidenzbasierte Konkretisierung von Richtlinien zur Kostentransparenz von Open-Access-Transformationsverträgen
- Abdeckungsanalysen

Fazit

- Hybrid OA Dashboard demonstriert die technische Machbarkeit offener Datenquellen und Verfahrensweisen zum Monitoring des hybriden Modells.
- Vorschlag zur Optimierung der Datenlage: Analysen im Rahmen der Anbahnung und Evaluation von Transformationsverträgen sollten ausschließlich auf Basis offener und standardkonformer Datenquellen erfolgen.

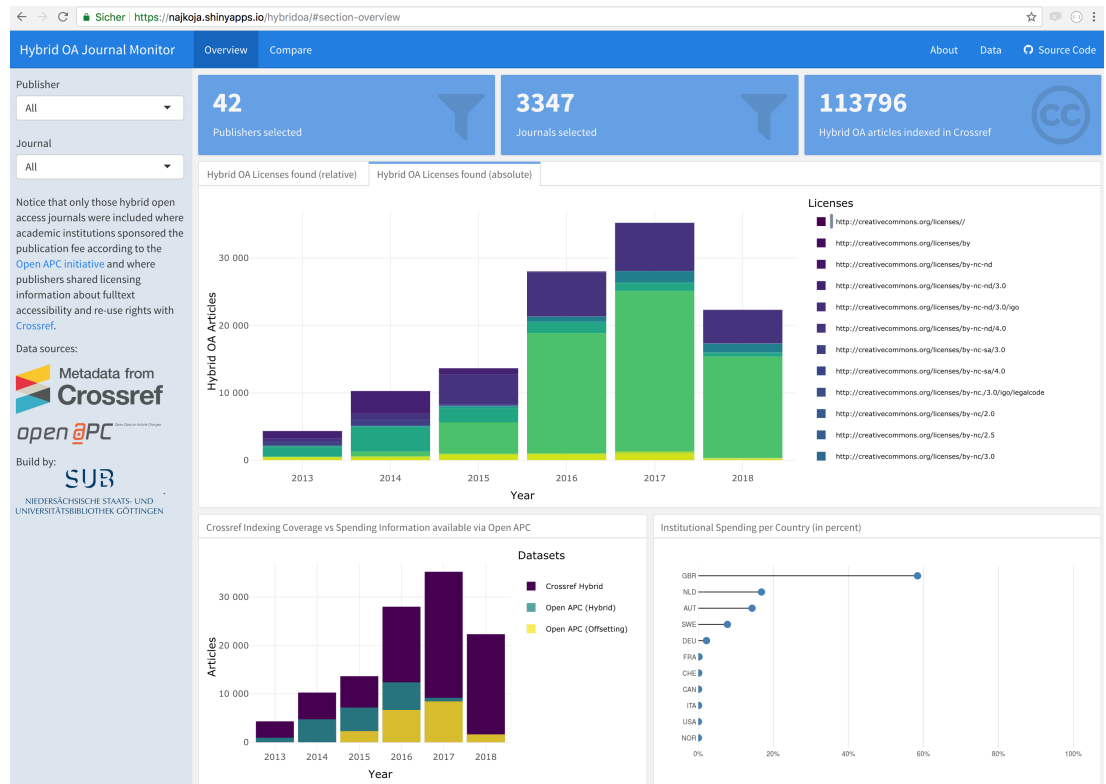
Vielen Dank!

najko.jahn@sub.uni-goettingen.de

@najkoja

<https://najkoja.shinyapps.io/hybriddoa>

https://github.com/subugoe/hybrid_oa_dashboard



Backup Hybrid OA Dashboard

Publisher

All

Journal

All

42

Publishers selected

3347

Journals selected

113796

Hybrid OA articles indexed in Crossref

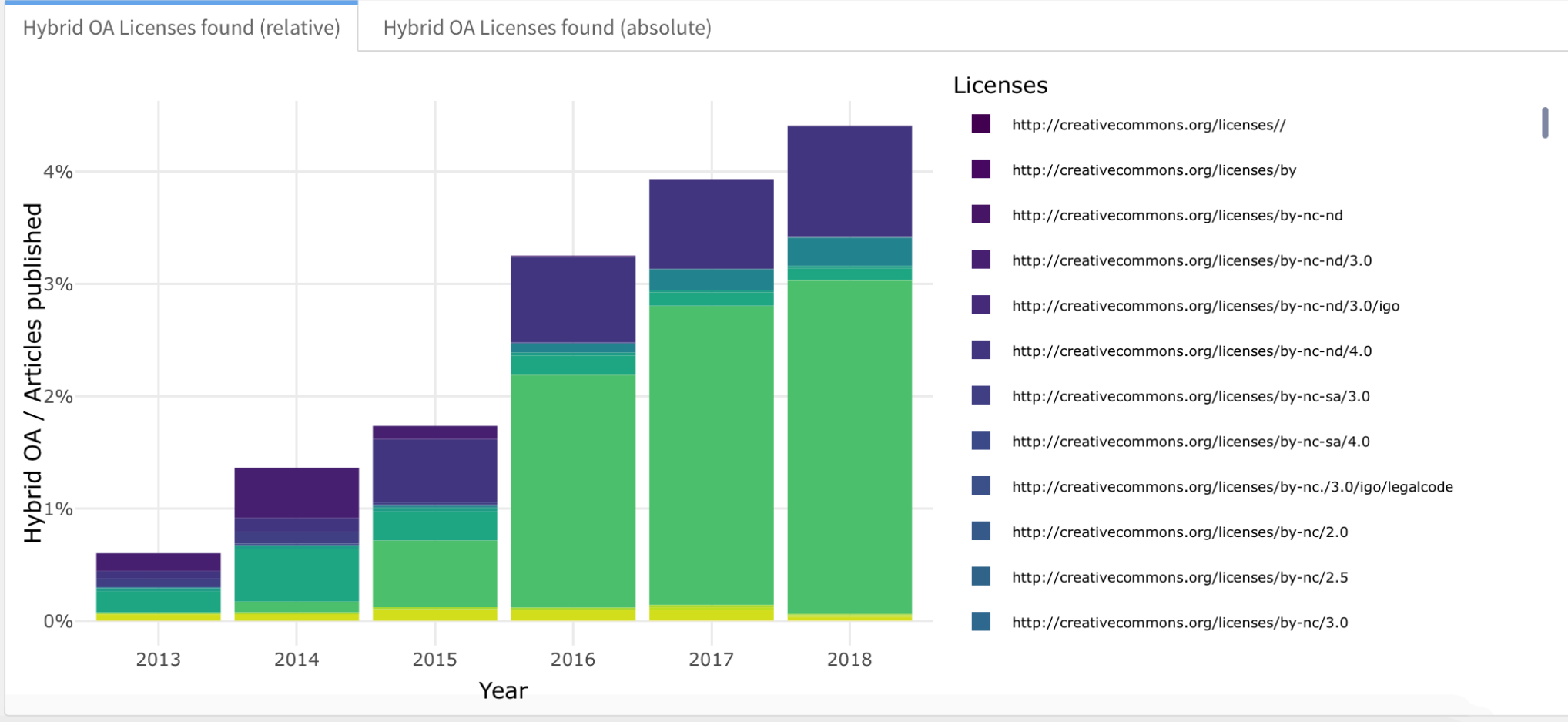
Notice that only those hybrid open access journals were included where academic institutions sponsored the publication fee according to the [Open APC initiative](#) and where publishers shared licensing information about fulltext accessibility and re-use rights with [Crossref](#).

Data sources:

 Metadata from Crossref

 open@APC Open Data on Article Charges

 Build by:

 NIEDERSÄCHSISCHE STAATS- UND UNIVERSITÄTSBIBLIOTHEK GÖTTINGEN
 

Publisher


All

Journal


All

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Metadata from Crossref



Open Data on Article Charges

Build by:

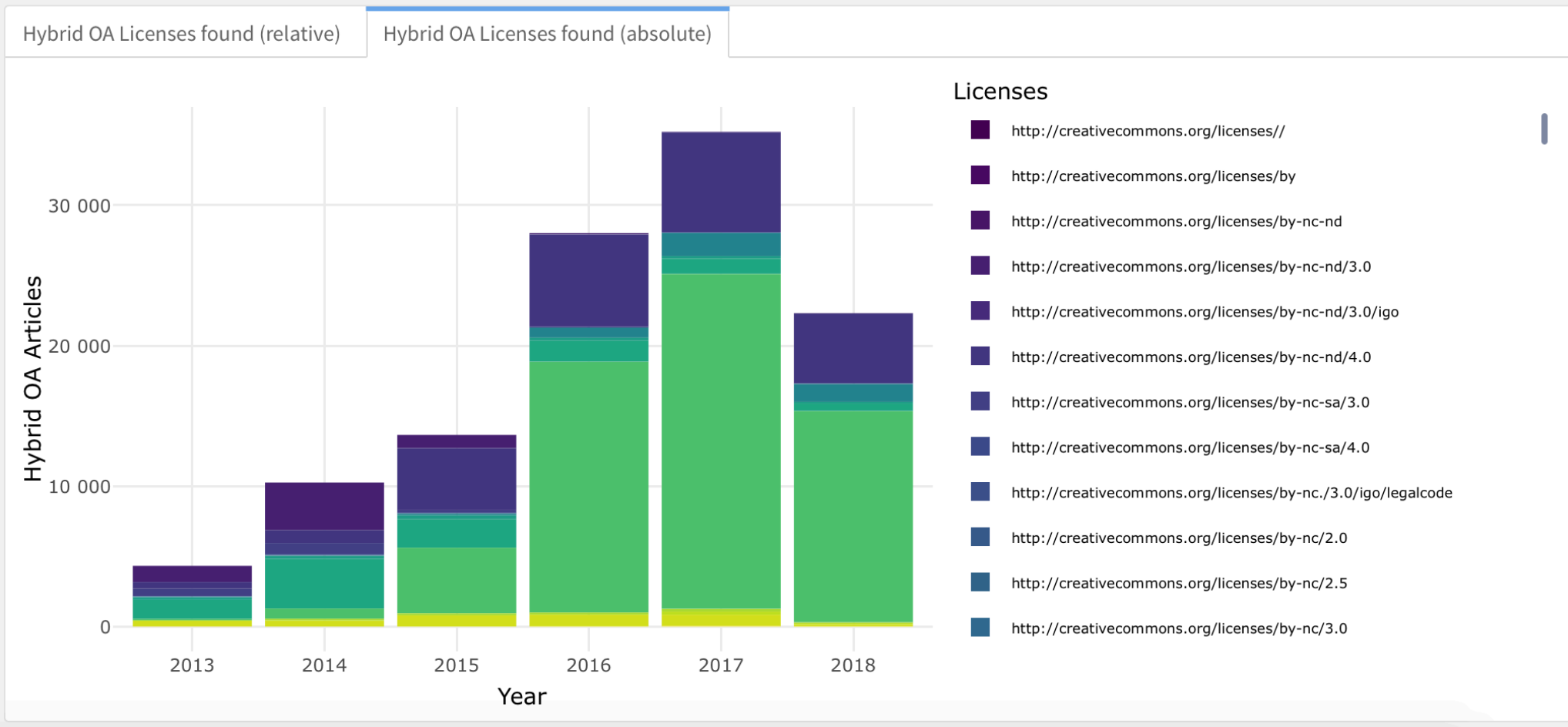


NIEDERSÄCHSISCHE STAATS- UND UNIVERSITÄTSBIBLIOTHEK GÖTTINGEN

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Data sources:




Metadata from Crossref



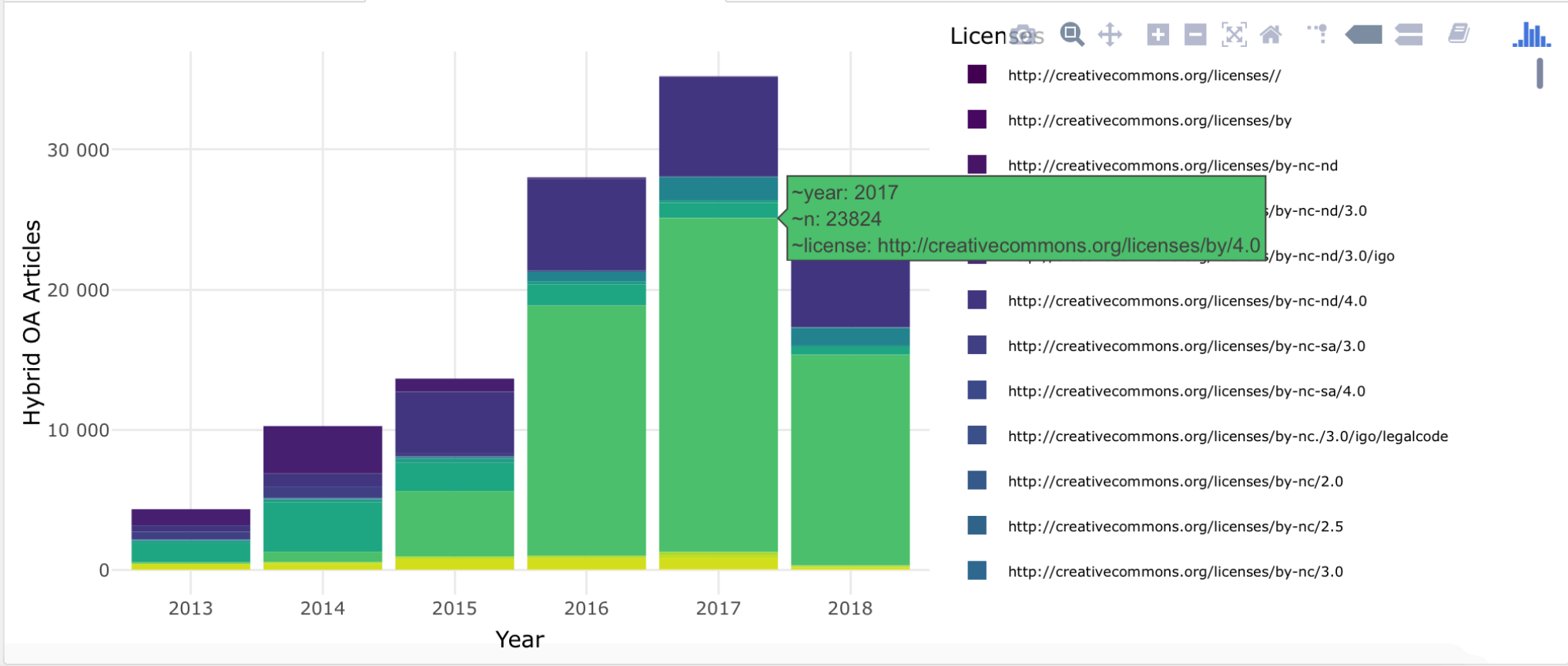
Open Data on Article Charges

Build by:



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Hybrid OA Licenses found (relative) | Hybrid OA Licenses found (absolute)




Publisher
Elsevier BV


Journal
All

- All
- Accident Analysis & Prevention
- Acta Astronautica
- Acta Biomaterialia
- Acta Histochemica
- Acta Materialia
- Acta Oecologica
- Acta Psychologica

Data sources:




Metadata from Crossref



Open Data on Article Charges

Build by:



NIEDERSÄCHSISCHE STAATS- UND

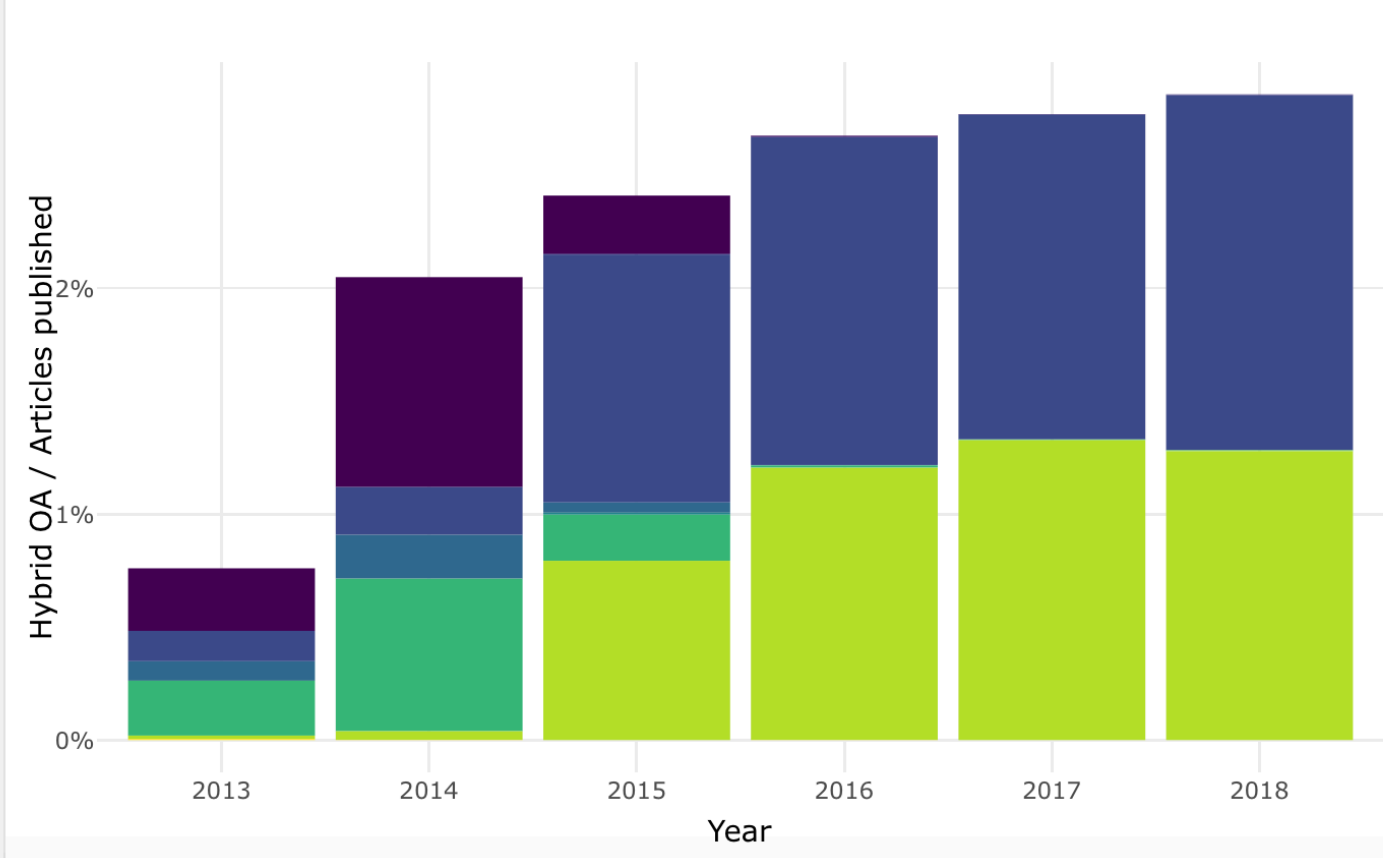
1
Publishers selected

924
Journals selected











46800
Hybrid OA articles indexed in Crossref



Hybrid OA Licenses found (relative) Hybrid OA Licenses found (absolute)

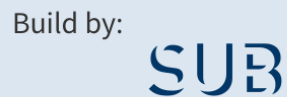


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-  <http://www.elsevier.com/open-access/userlicense/1.0>

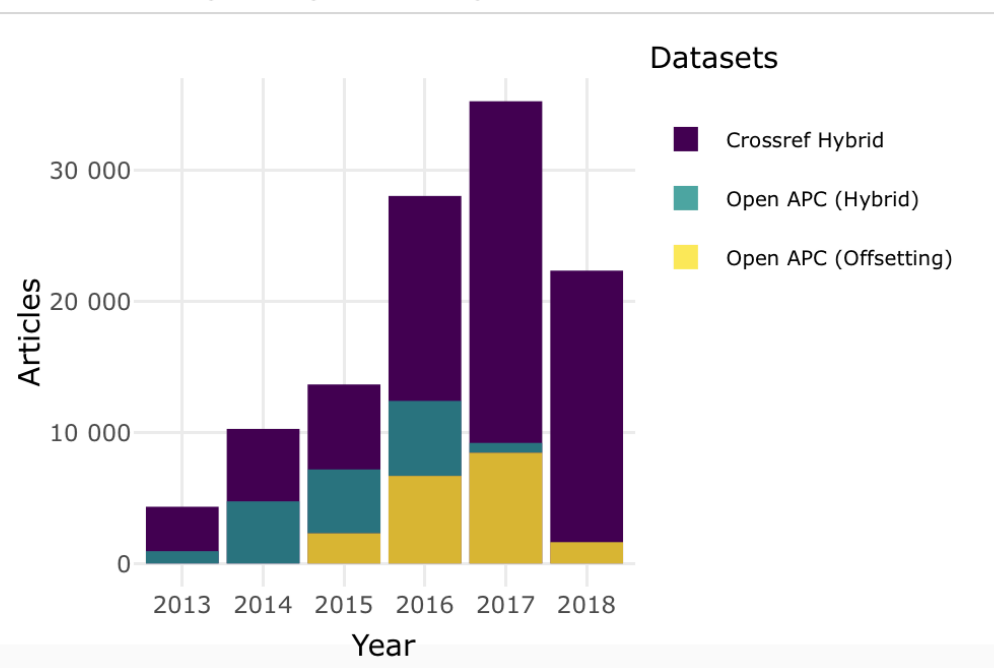
publication fee according to the [Open APC initiative](#) and where publishers shared licensing information about fulltext accessibility and re-use rights with [Crossref](#).

Data sources:

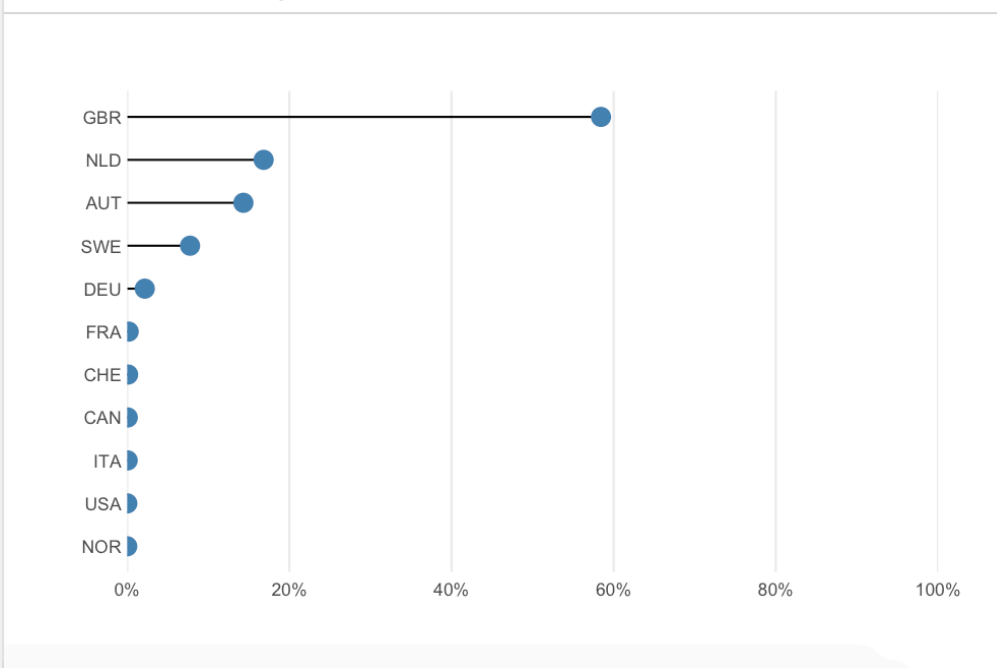


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Crossref Indexing Coverage vs Spending Information available via Open APC



Institutional Spending per Country (in percent)



Publisher

Springer Nature

- Springer Nature
- Wiley
- American Chemical Society (ACS)
- Oxford University Press (OUP)
- Royal Society of Chemistry (RSC)
- Institute of Electrical and Electronics Engineers (IEEE)

publishers' shared licensing information about fulltext accessibility and re-use rights with [Crossref](#).

Data sources:



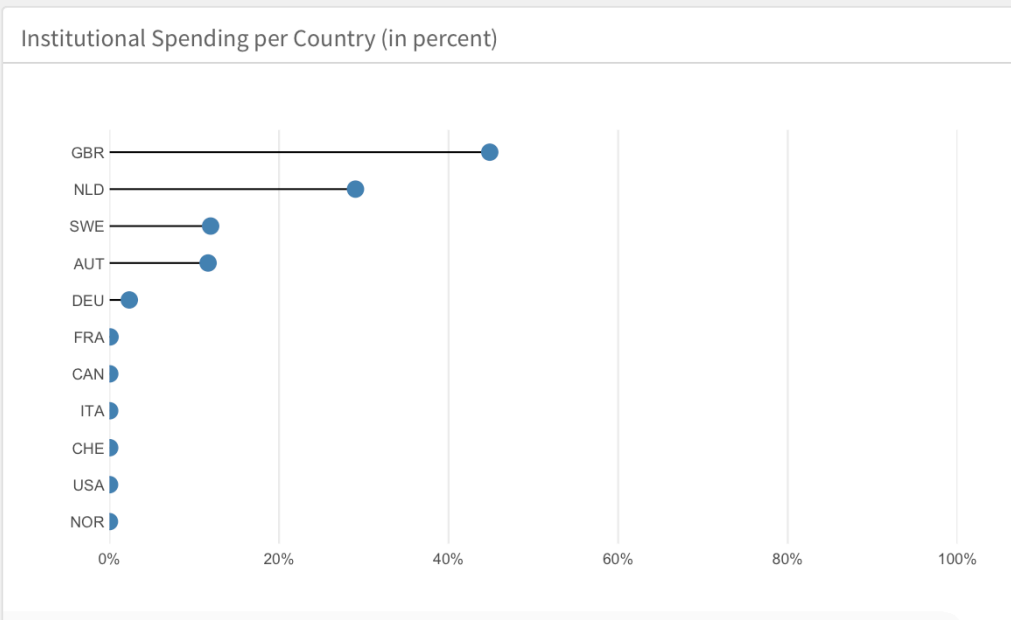
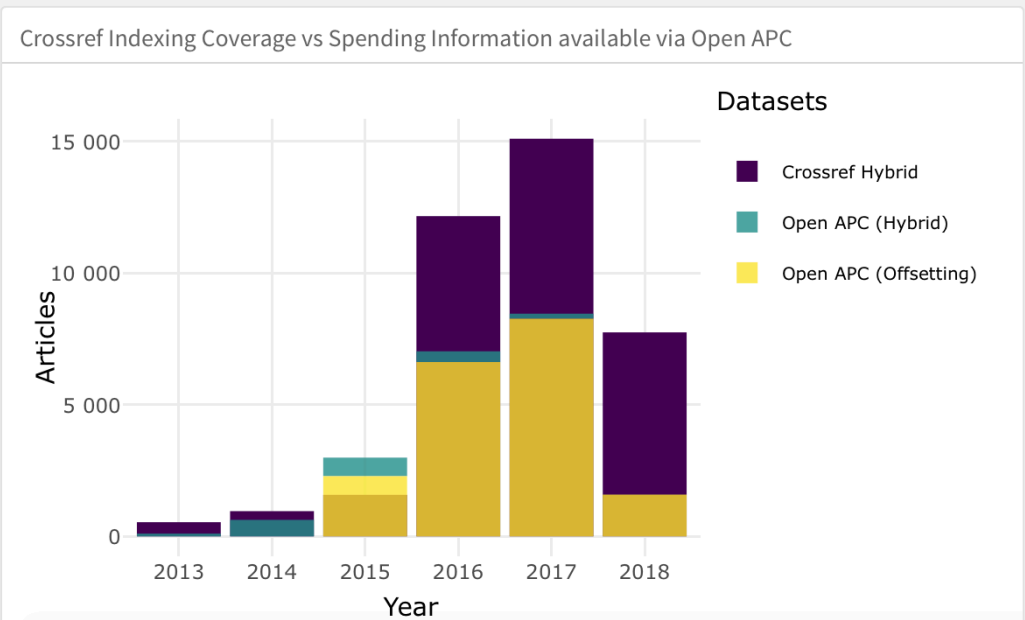
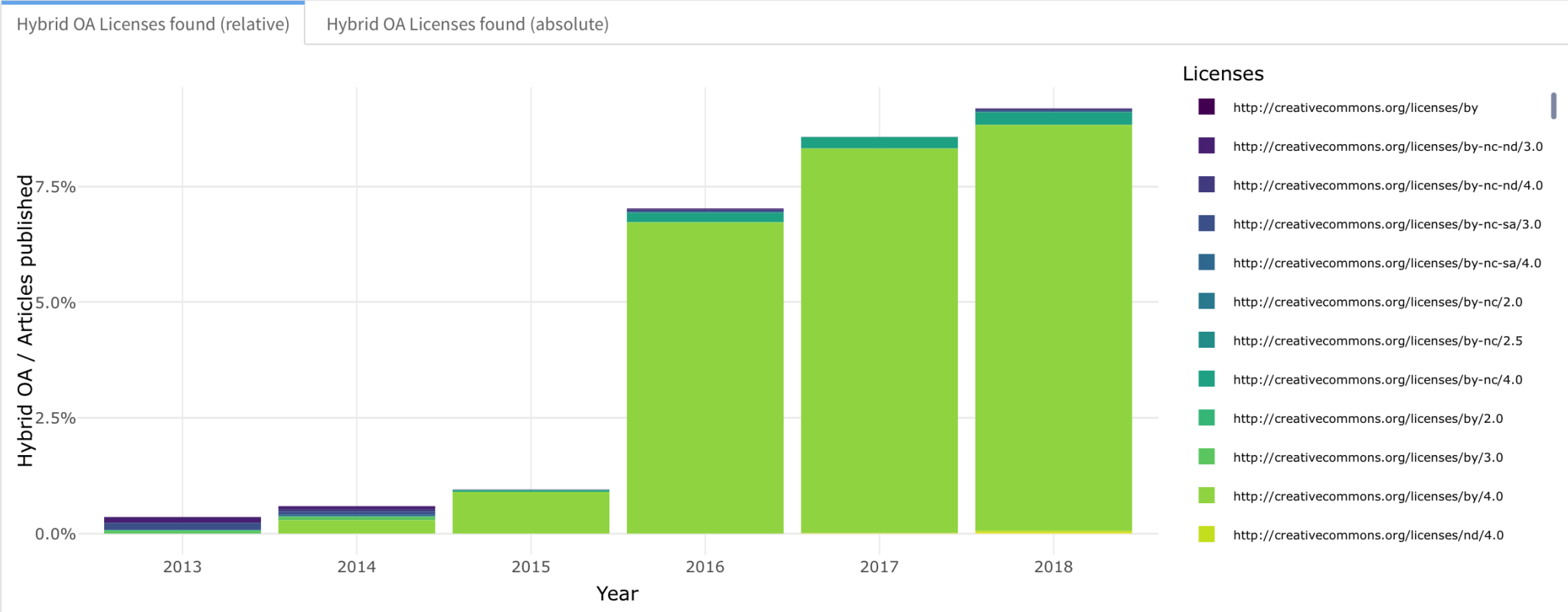
Metadata from **Crossref**



Open Data on Article Charges

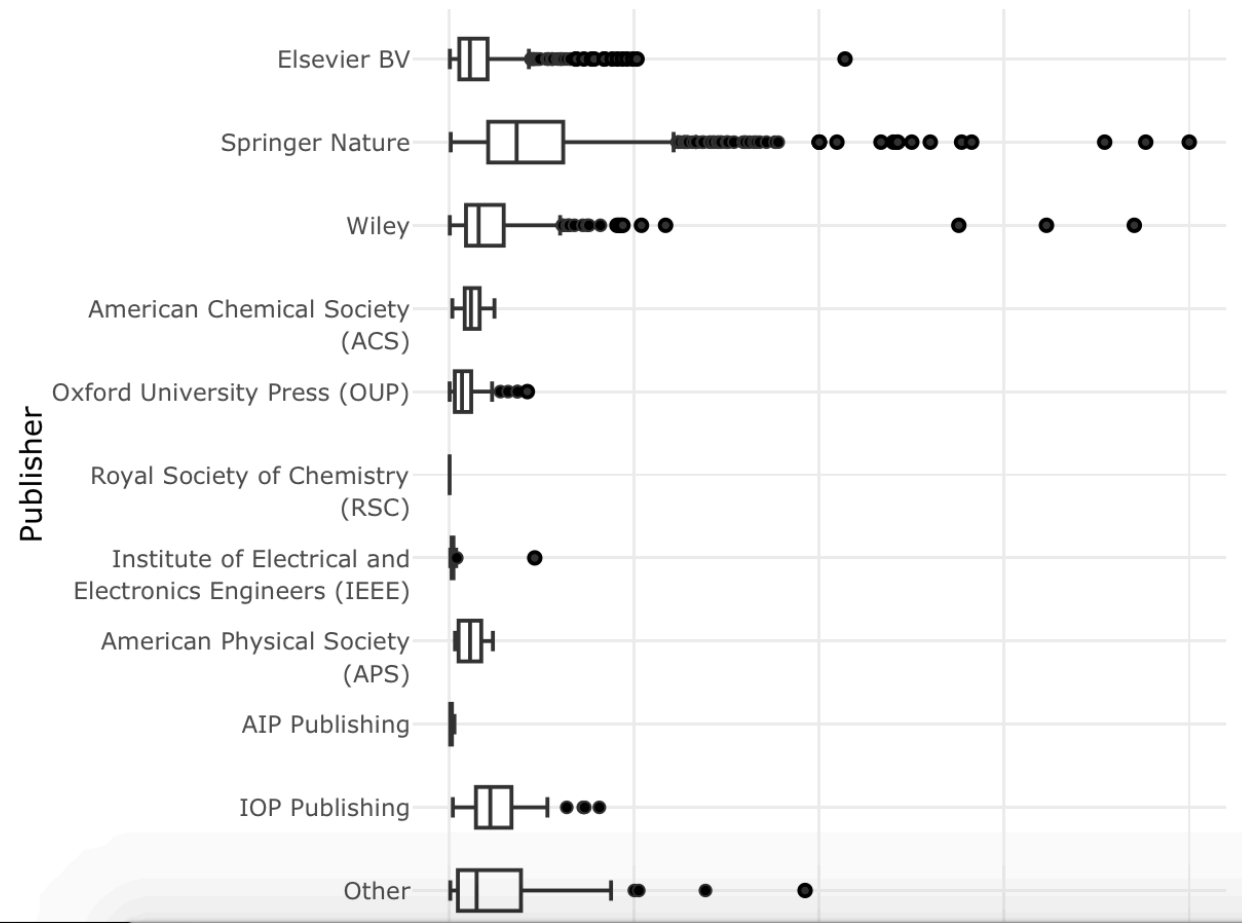
Build by: **SUB**

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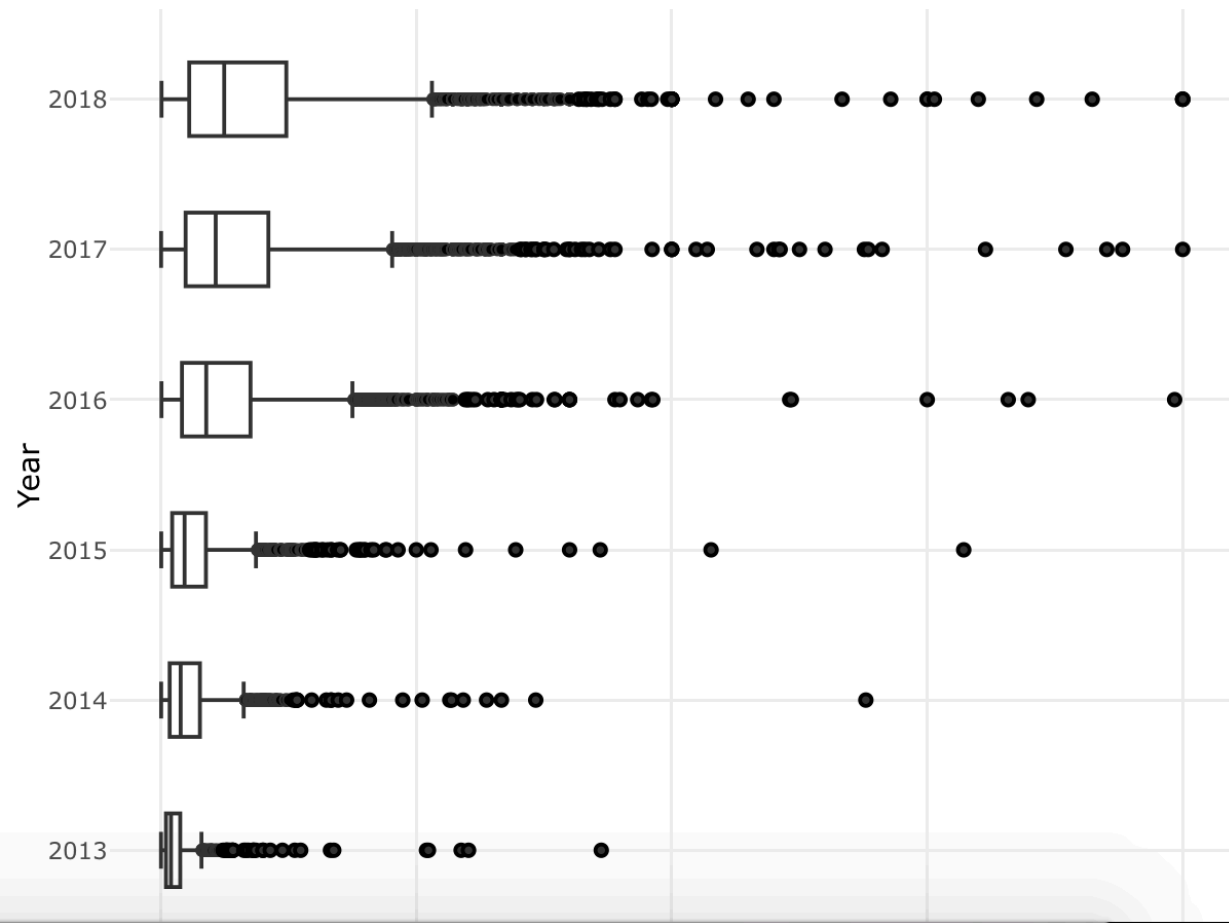
Proportion of open access publications in subscription-based journals by publisher

Select Year Display journals



Proportion of open access publications in subscription-based journals by year

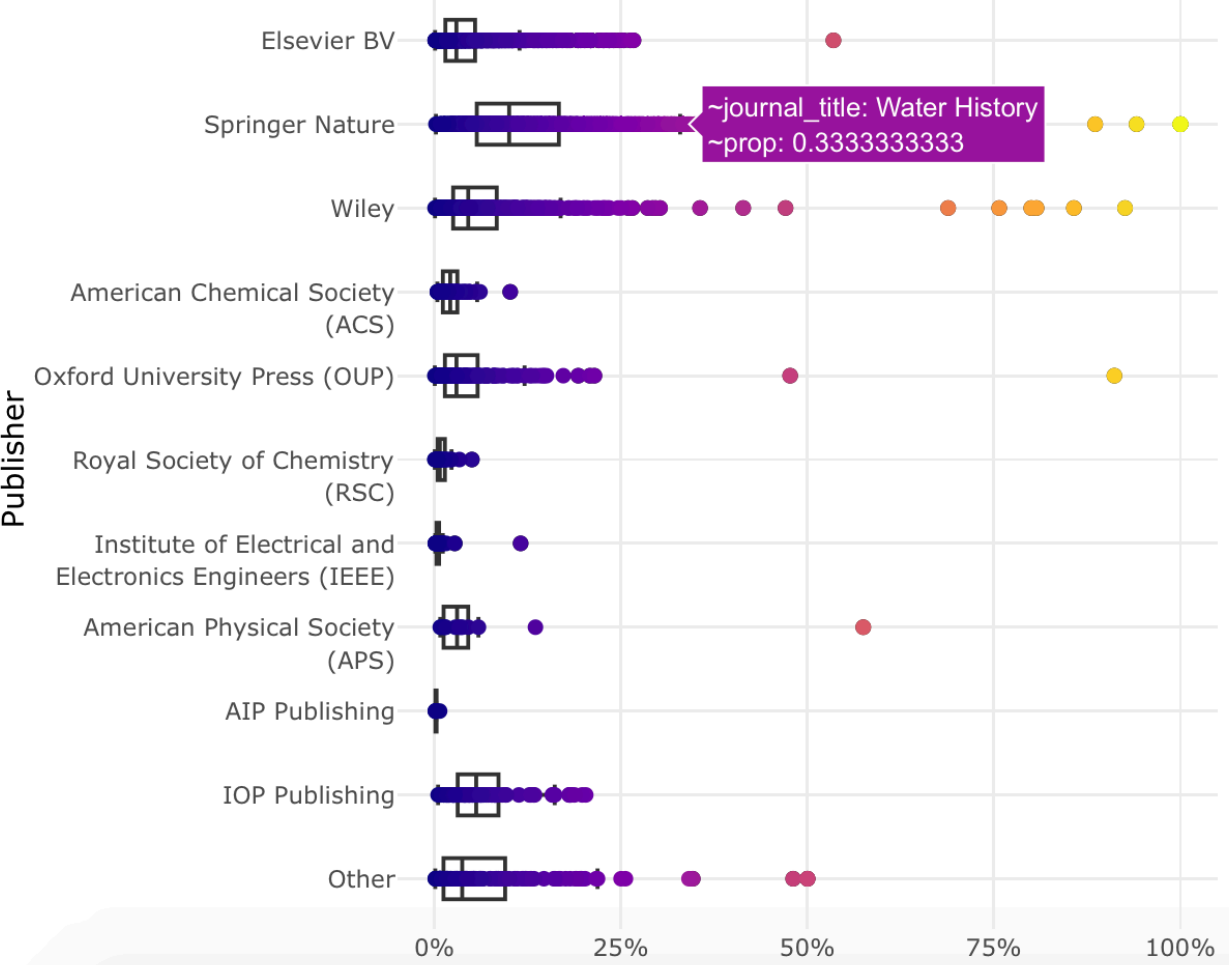
Select Publisher



Select Year

Display journals

2017 2018



Select Publisher

All

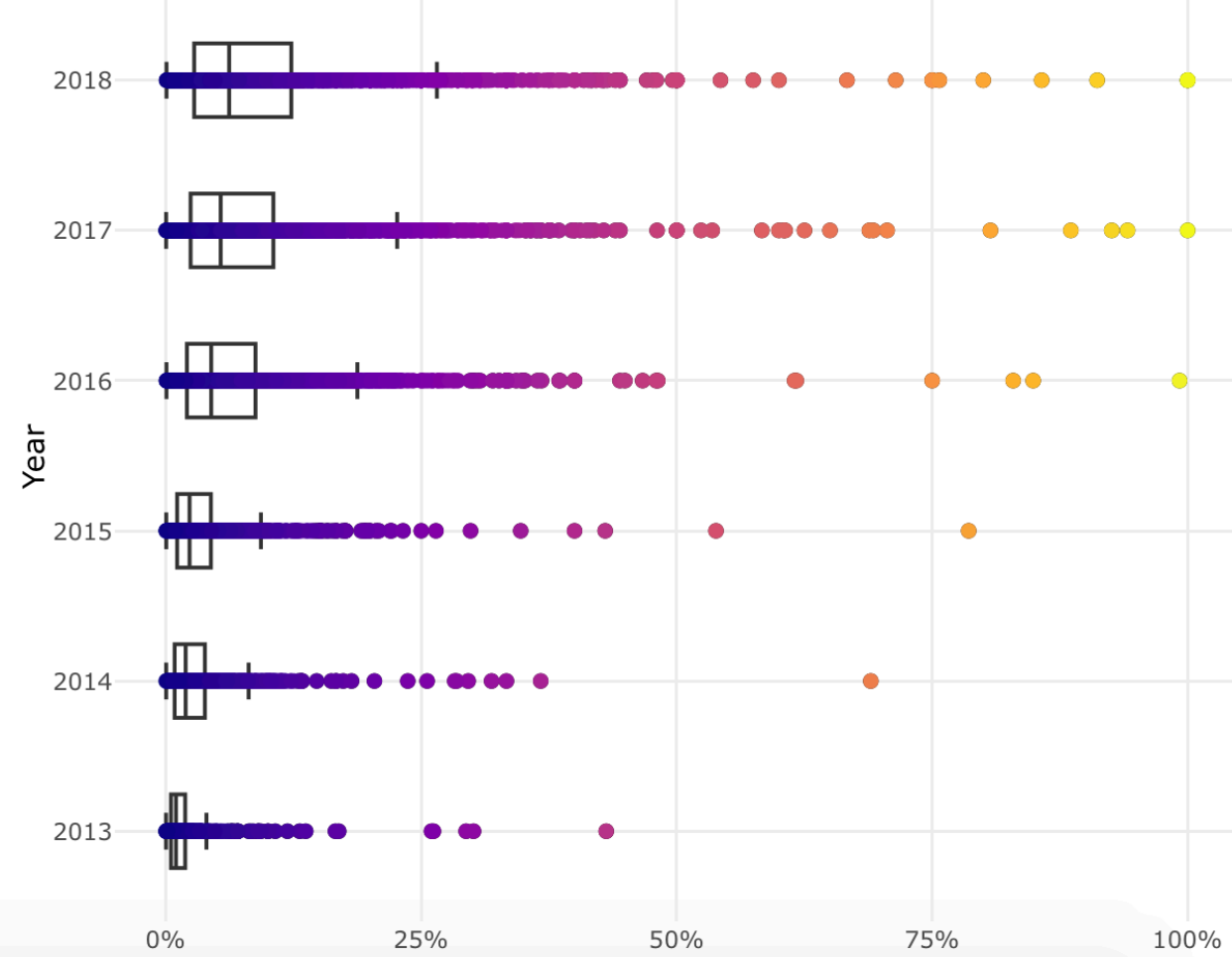


Table view

Show entries

Search:

Year	Publisher	Journal	Article Volume	OA Articles	OA Share (in %)
2018	Springer Nature	Applied Biochemistry and Biotechnology	114	1	0.88
2018	Wiley	Biotechnology Progress	77	1	1.3
2018	Springer Nature	Marine Biotechnology	47	1	2.13
2017	Springer Nature	Plant Biotechnology Reports	43	1	2.33
2018	Elsevier BV	Journal of Biotechnology	161	4	2.48

All

All

Biotech

All

All

All

Showing 1 to 5 of 35 entries (filtered from 5,846 total entries)

Summary

Data and methods

Results

Discussion and conclusion

Meta

Bibliography

About the Hybrid OA Dashboard

updated 2018-06-11

Summary

This [open source dashboard](#) presents the uptake of hybrid open access for 3,347 different journals from 42 publishers between 2013 - 2018. During this six years period, 113,796 articles were made openly available immediately in these subscription-based journals, representing 2.5% of the total article volume studied.

Hybrid open access journals are included when they meet the following two conditions:

1. academic institutions sponsored the publication fee or enabled open access publication through an offsetting agreement according to the [Open APC initiative](#),
2. publishers shared licensing information about fulltext accessibility and re-use rights with [Crossref](#).

By bringing together openly available datasets about hybrid open access into one easy-to-use tool, this dashboard demonstrates how existing pieces of an evolving and freely available data infrastructure for monitoring scholarly publishing can be re-used to gain a better understanding of hybrid open access publishing. It, thus, contributes to recent calls from the [Open Access 2020 Initiative](#) and [Open Knowledge](#) aiming at a data-driven debate about how to transition subscription-based journal publishing to open access.







- Code
- Issues 7
- Pull requests 0
- Projects 0
- Wiki
- Insights

Shiyn dashboard showcasing how much hybrid OA was published <https://najkoja.shinyapps.io/hybridoa/>

- shiny
- flexdashboard
- r
- crossref-api
- openaccess

145 commits 4 branches 0 releases 1 contributor

Branch: master New pull request Create new file Upload files Find file Clone or download

 njahn82 data updated		Latest commit d018267 a day ago
 R	remove unneded scripts	14 days ago
 data	data updated	a day ago
 docs	data updated	a day ago
 img	data updated	a day ago
 .gitignore	first alpha implementation of new approach	2 months ago