

# Obtaining self-archiving permissions at scale to realise the potential of green Open Access: A case study

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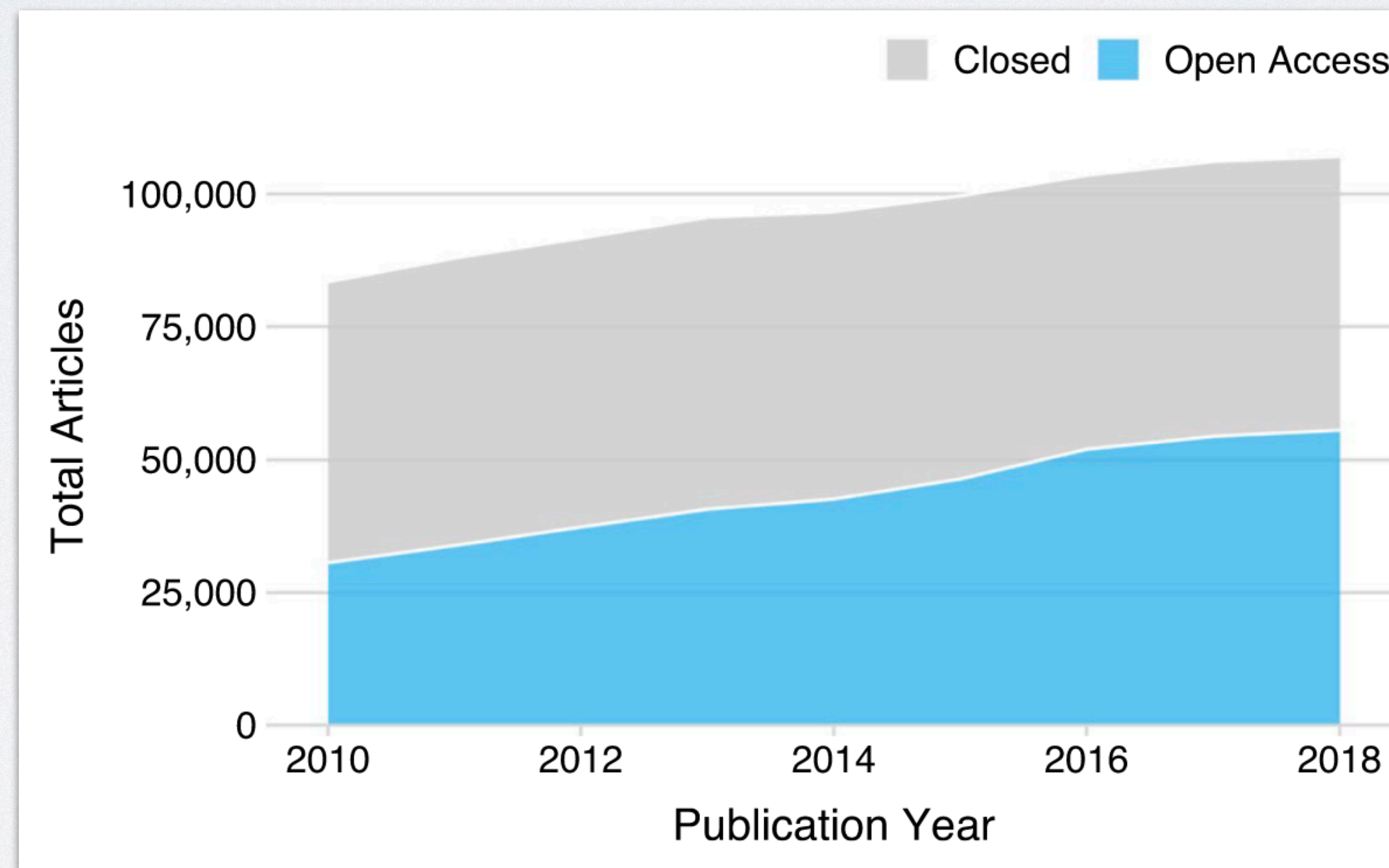


Equitable access

Non-commercial infrastructure and publishing models

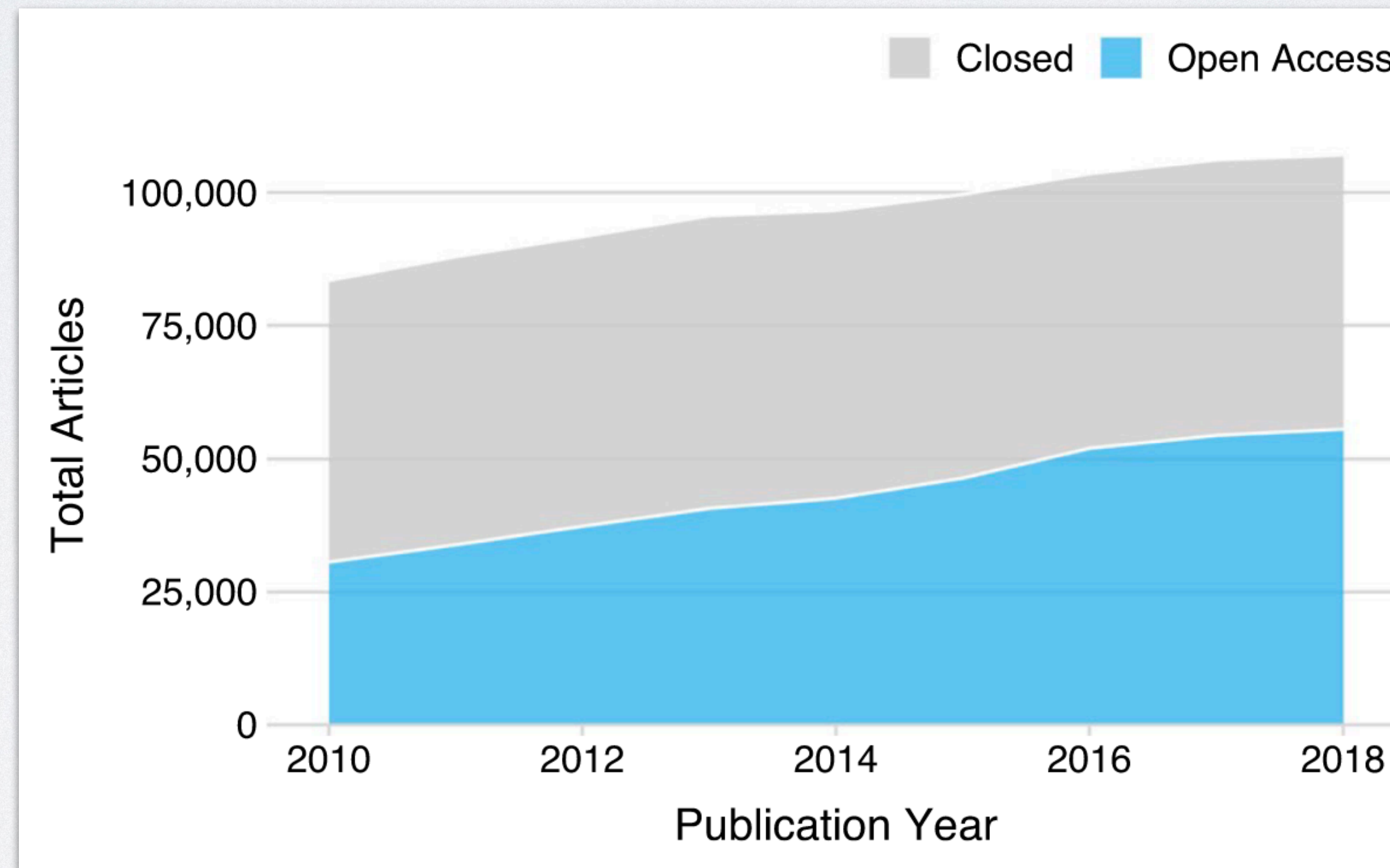
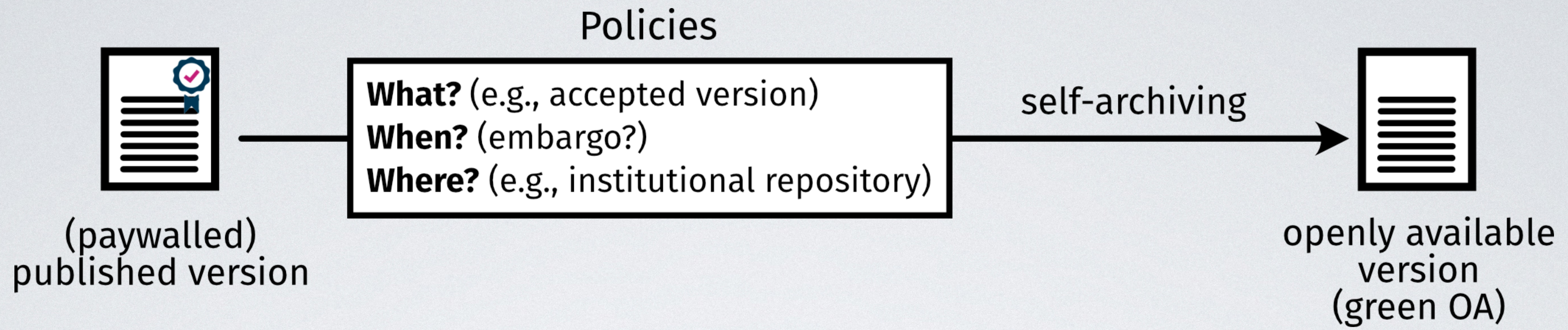
Retrieved from <https://en.unesco.org/science-sustainable-future/open-science/recommendation>





Hobert et al., 2021, Open access uptake in Germany 2010–2018: adoption in a diverse research landscape





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How can we leverage openly available tools to generate **actionable** information on self-archiving to increase science discoverability at **scale**?

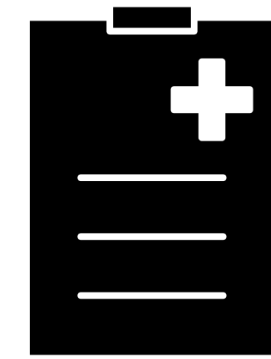


**Unpaywall**  
(OurResearch)

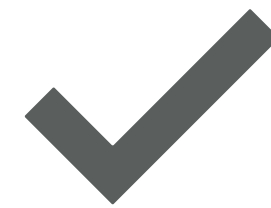
**ShareYourPaper**  
(OA.Works)



# Cohort of clinical trial publications



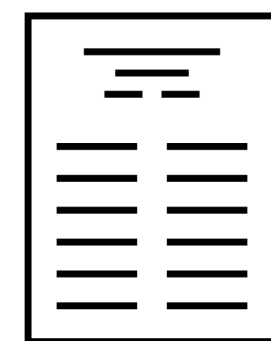
Interventional clinical trials registered in ClinicalTrials.gov or DRKS



Reported as complete between 2009 - 2017



Led by a German university medical center



Earliest results publication associated with these trials  
(published between 2010 - 2020)



# Research questions

- I. How many of these clinical trial results publications are behind a paywall?**



# Research questions

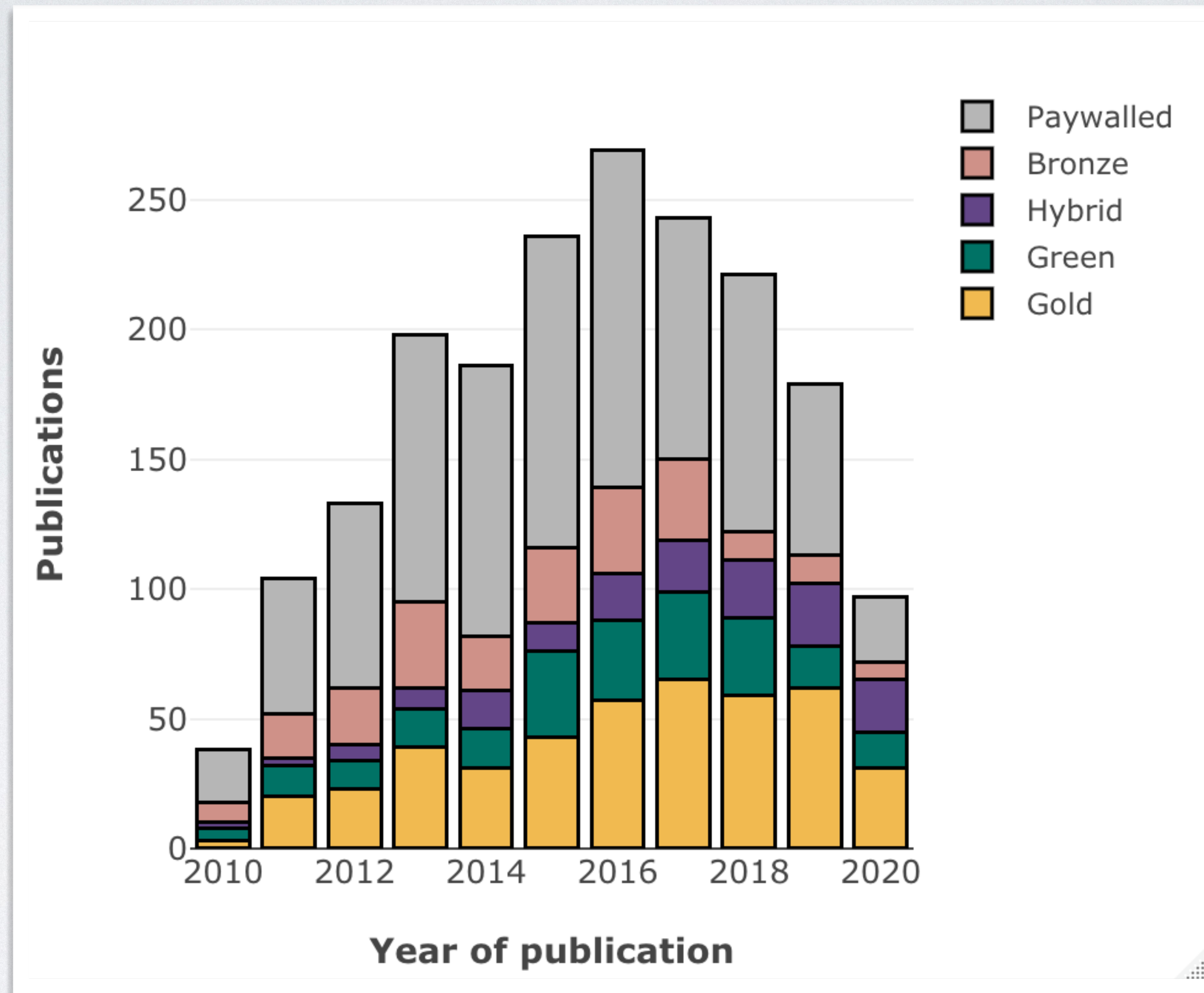
1. How many of these clinical trial results publications are behind a paywall?



**Unpaywall**  
(OurResearch)



Of the 1904 clinical trial publications, **882 (46%)** were not openly accessible via any route



Unpaywall API query date:  
4 August 2022



# Research questions

1. How many of these clinical trial results publications are behind a paywall?



**Unpaywall**  
(OurResearch)

2. **Of the paywalled publications, how many could be made openly accessible based on self-archiving permissions?**



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**ShareYourPaper**  
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# Potential for self-archiving: ShareYourPaper

Shareyourpaper.org by OA.Works

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### Start by entering the DOI of your paper

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Next

Try an example [10.1126/scitranslmed.abc2344](#) or [learn more](#).



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JSON  Raw Data  Headers
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JSON Raw Data Headers


Save Copy Collapse All Expand All Filter JSON

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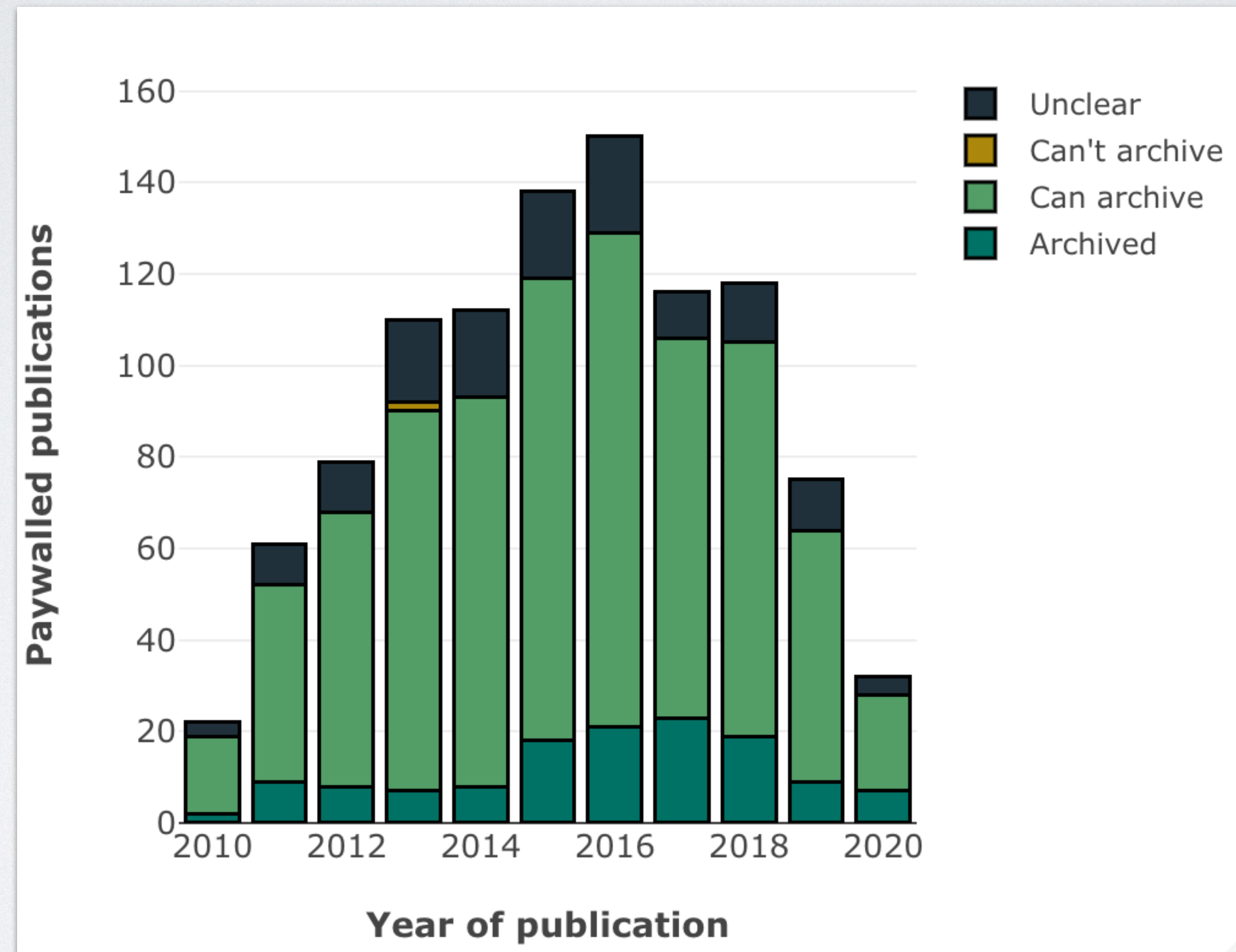
```

- Has a “best permission” to archive
- Accepted or published version
- Institutional repository
- Embargo has elapsed (if any)





Of the publications behind a paywall, **742 (84%)** had a best permission for self-archiving in an institutional repository



ShareYourPaper API query date:  
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This is actionable information that can inform efforts to increase science discoverability



**Pilot intervention to increase clinical trial transparency**



# Clinical Trial Transparency Report Card

NCT12345678: Impact of prolonged exposure to baby yoda on meta-researcher well-being

Responsible Practice*	Your trial	Trial Details	You can still improve your trial's transparency
Prospective registration	✓	Your trial was registered before the trial start date (2018-03-15) in ClinicalTrials.gov	
Reporting of summary results in the registry within 1 year	✗	Your trial does not have summary results in ClinicalTrials.gov	<b>Post summary results</b> in ClinicalTrials.gov by following <a href="#">these steps</a> . The WHO recommends posting summary results in the registry within 1 year of trial completion
Reporting of results in a journal publication within 2 years	✓ ✓	The earliest publication found for your trial: <a href="#">Prolonged baby yoda exposure improves meta-researc...</a>  This publication was timely, published within 2 years of trial completion (2019-02-10)	
Links between registration and publication	✗ ✓ ✓	A link to your publication was not found in the registry  'NCT12345678' is in the publication abstract  'NCT12345678' is in the publication main body	<b>Link the results publication</b> in the corresponding registry entry in ClinicalTrials.gov by following <a href="#">these steps</a>
Open Access	✗	Your publication is not openly accessible in a journal or repository  <i>A permission was found to make your publication openly accessible in an institutional repository</i>	<b>Archive the accepted version of your publication in a repository:</b> <ul style="list-style-type: none"> <li>• Use <a href="#">ShareYourPaper</a> to deposit in Zenodo, OR</li> <li>• Contact the <a href="#">Charité library Open Access Team</a></li> </ul>



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Reporting of results in a journal publication within 2 years	✓ ✓	The earliest publication found for your trial: <a href="#">Prolonged baby yoda exposure improves meta-researcher well-being</a>  This publication was timely, published within 2 years of trial completion (2019-02-10)	
Links between registration and publication	✗ ✓ ✓	A link to your publication was not found in the registry  'NCT12345678' is in the publication abstract  'NCT12345678' is in the publication main body	<b>Link the results publication</b> in the corresponding registry entry in ClinicalTrials.gov by following <a href="#">these steps</a>
<b>Open Access</b>	✗	Your publication is not openly accessible in a journal or repository  <i>A permission was found to make your publication openly accessible in an institutional repository</i>	<b>Archive the accepted version of your publication in a repository:</b> <ul style="list-style-type: none"> <li>• Use <a href="#">ShareYourPaper</a> to deposit in Zenodo, OR</li> <li>• Contact the <a href="#">Charité library Open Access Team</a></li> </ul>



# Conclusions & Outlook

- Many results publications of a cohort of clinical trials conducted at German Universities remain behind a paywall when they don't need to be
- We can use tools to obtain *actionable* information on self-archiving at scale:
  - Support efforts to populate repositories?
  - Interventions - recently published articles?
- Importance of voluntary self-archiving will partly depend on existing mandates



# Thank you!

Maia Salholz-Hillel  
Daniel Strech

ShareYourPaper (OA.Works)  
Unpaywall (OurResearch)

## Find out more...

### ShareYourPaper

Deposit tool: <https://shareyourpaper.org>

Demo/Q&A: <https://www.youtube.com/watch?v=NOvKLu4Cnwl>

### Intervention to increase trial transparency

Protocol: <https://osf.io/dk6gm>

**Get in touch!** [delwen.franzen@bih-charite.de](mailto:delwen.franzen@bih-charite.de)