

Altmetric Virtual Institutional Workshop

June 2020
#almvirtual

Housekeeping

- Let us know (in the Q&A box) if you can't hear or see
- Questions in the Q&A box
- We will keep to the agenda strictly so may have breaks between speakers
- The event will be recorded and slides made available afterwards
- Join the conversation! #almvirtual



Agenda part 1

13:00 - 13:05 (BST)	Welcome to the workshop Cat Williams (COO, Altmetric) and Daryl Naylor (Sales Director, EMEA)
13:05 - 13:40 (BST)	Altmetric update Kathy Christian (CEO, Altmetric) and Natalia Madjarevic (VP Client Services, Altmetric)
13:40 - 14:20 (BST)	Customer Stories <ul style="list-style-type: none">• Lizzie Seals, Sheffield Hallam University• Nathalie Cornee, London School of Economics• Luc Int Panis, VITO
14:20 - 14:30 (BST)	Break



Agenda part 2

14:30 - 15:00 (BST)	Product Update - Roisi Proven (Product Director, Altmetric)
15:00 - 15:40 (BST)	Top 7 tips for using Altmetric at your institution - Patty Smith (Senior Engagement Manager, Altmetric)
15:40 - 15:50 (BST)	Break
15:50 - 16:25 (BST)	Panel session: Altmetrics in the research environment <ul style="list-style-type: none">• Gemma Derrick, University of Lancaster• Wilfred Mijnhardt, Erasmus University• Esther DeSmet, Ghent University
16:25 - 16:30 (BST)	Close



Welcome to the day



Impact is valued higher each year

REF 2021 Research Excellence Framework



Impact: The sub-panels will assess the 'reach and significance' of **impacts on the economy, society, culture, public policy or services, health, the environment or quality of life** that were underpinned by excellent research conducted in the submitted unit. This element will carry a weighting of **25 per cent**.

https://www.ref.ac.uk/media/1092/ref-2019_01-guidance-on-submissions.pdf

H2020's 'Impact' Criterion

Whereby all aspects will receive particular attention, i.e. the extent to which project outputs should contribute to the expected impacts described for the topic, to **enhancing innovation capacity and integration of new knowledge**, to strengthening the competitiveness and growth of companies by developing and delivering innovations meeting market needs, and to **other environmental or social impacts**[...]

https://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/pse/h2020-e-valuation-faq_en.pdf

Press Release - Open Science and its role in universities: A roadmap for cultural change

29.05.2018

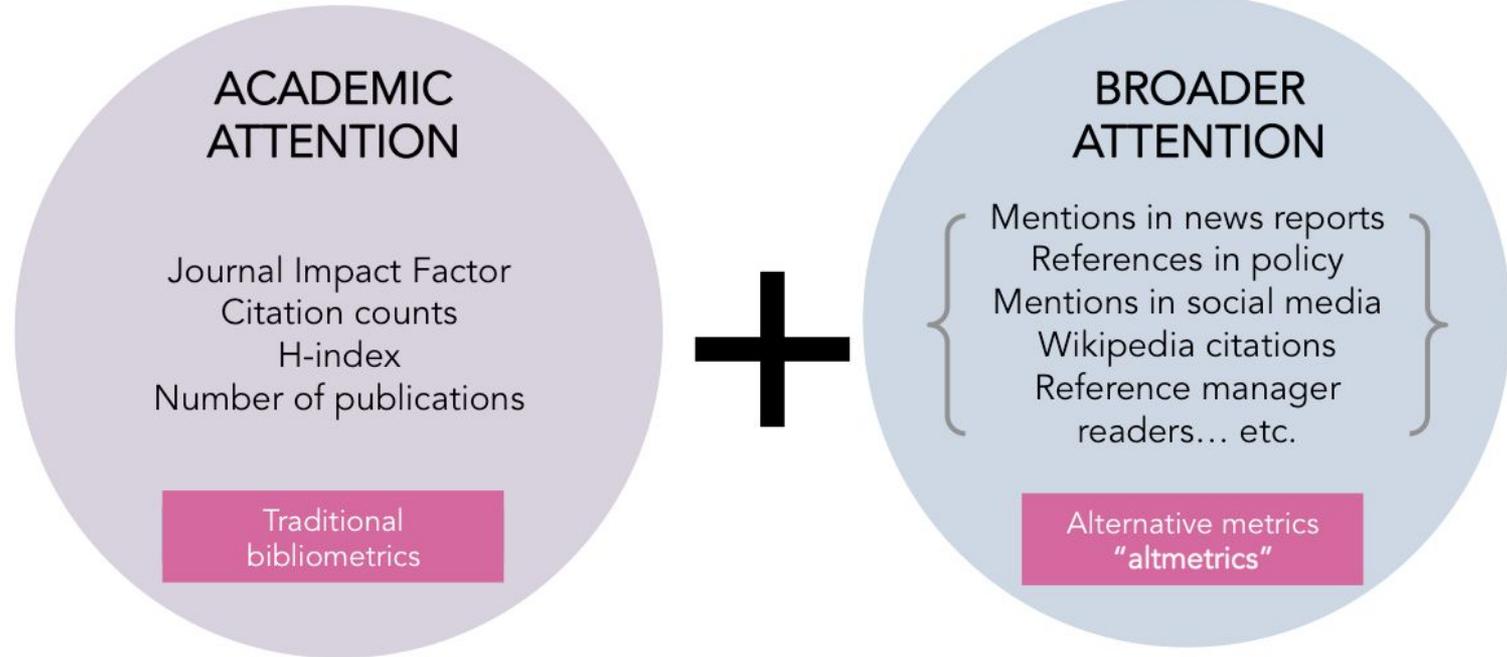
LERU

Traditionally, bibliometrics is the use of statistical analysis to evaluate the importance and impact of publications on the wider community. In an Open Science environment, the challenge is to extend the range of bibliometrics to cover new forms of output, such as research data and research software, with new metric measures; and also to agree principles for the responsible use of metrics. **The change in culture needed to achieve these objectives is one of the biggest challenges facing those who embed Open Science practices into the academic environment.**

<https://www.leru.org/files/LERU-AP24-Open-Science-full-paper.pdf>

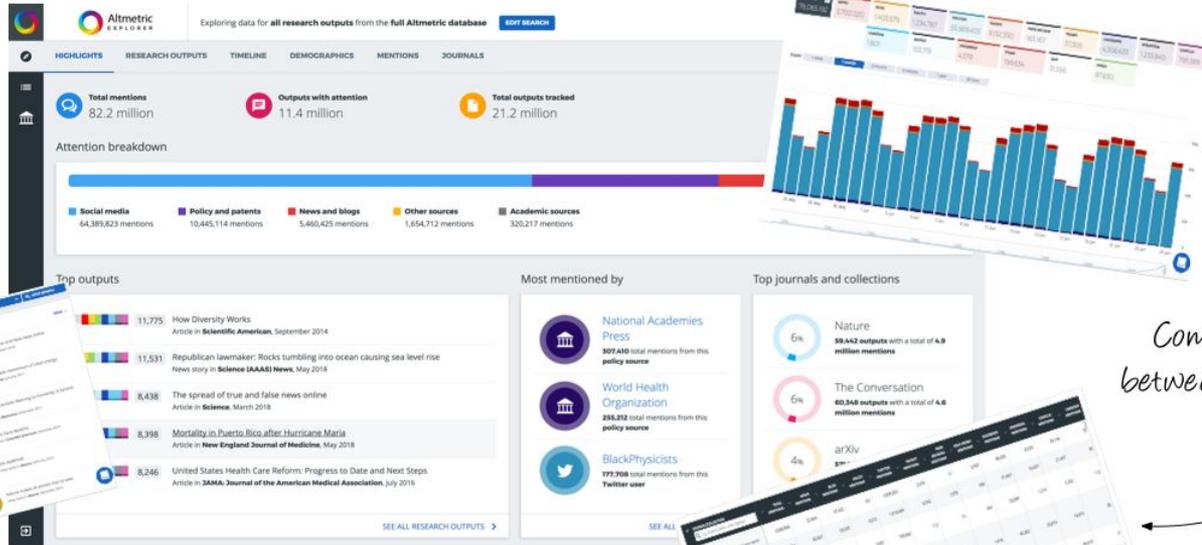


Growing importance of altmetrics



Explorer for Institutions

Summaries, visualisations and insights make it easy to get to know your audience



Compare engagement between journals over time

Search for the attention surrounding articles, books and more



Getting data into Explorer for Institutions

Explorer integrates seamlessly with:



Pure



Symplectic
Elements



OAI-PMH



Altmetric and institutions: The story so far...

Kathy Christian & Natalia Madjarevic

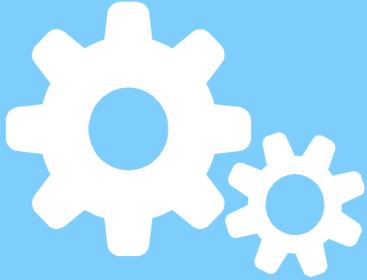




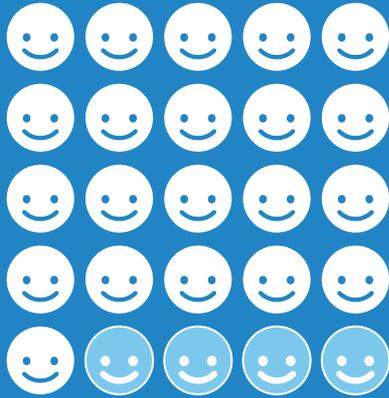
Kathy Christian
CEO, Altmetric
Chief People Officer,
Digital Science



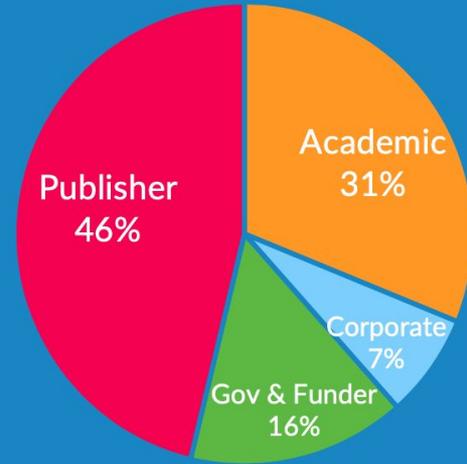
Natalia Madjarevic
VP Client Services



Company Overview & update



25 team members



+370 customers



+15M
Outputs with attention



+136M
Mentions

New team members



Sarah Condon
Marketing Director



Danu Poyner
Product Specialist,
APAC



Godfrey Chiu
Product Developer



Roisi Proven
Director of Product



Coronavirus





All Hands



Georgina

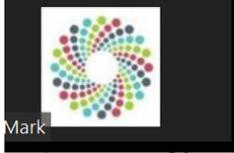
49r1Tgq



katie



livia



Mark



Ben McLeish



our purpose (and vice versa)



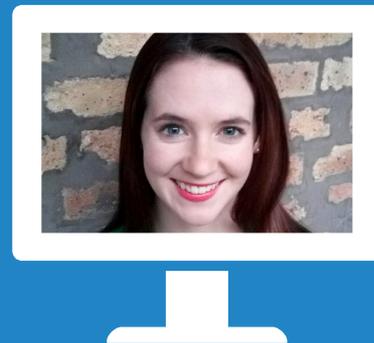
Digital Science COVID-19 Initiatives



Helping you to share knowledge fast and without boundaries.

We've been busy working on ways to help you carry on where possible during the COVID-19 crisis. Read on to find out how Overleaf and Writefull can support remote researchers' academic writing, how Dimensions and ReadCube are opening up access to content, and how Figshare is helping share content that would have been presented at conferences, among other things!

We've also just released a **new report** [How COVID-19 is Changing Research Culture](#) in which we investigate the research landscape trends and cultural changes in response to COVID-19.



Check-ins

We'd love to have a chat with you if you haven't already had a call with Patty:

engagement@altmetric.com

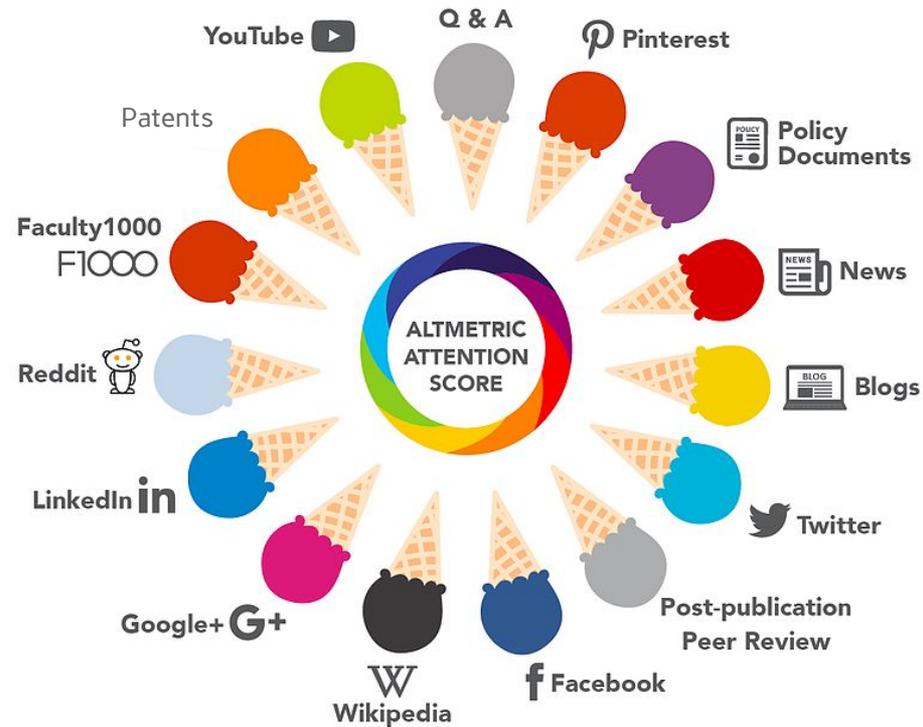


How Altmetric does
altmetrics *(very quickly)*

Where research lives



Where it's being talked about





Doug Hill

@DougHill25

Follow



Great line: "The problem isn't the rise of 'smart' machines but the dumbing down of humanity." I'd say the problem is both (noting that 'smart' is, appropriately, set off in quotation marks), but still, great line.



Cristobal Cobo @cristobalcobo

New Book: Re-engineering Humanity. The problem isn't the rise of 'smart' machines but the dumbing down of humanity. Is this the future we want? By @EvanSelinger @BrettFrischmann
[cambridge.org/core/books/ree...](https://www.cambridge.org/core/books/ree...)





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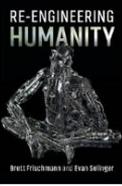
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Re-Engineering Humanity

 Search in this title

RE-ENGINEERING HUMANITY
Brett Frischmann and Evan Selinger

Get access

Brett Frischmann, Villanova University Charles Widger School of Law, Evan Selinger, Rochester Institute of Technology, New York

➦ Add to Library

Publisher: Cambridge University Press
Online publication date: April 2018
Print publication year: 2018
Online ISBN: 9781316544846
<https://doi.org/10.1017/9781316544846>

Subjects: Philosophy, Philosophy of Science, Law and Economics, Law



 **Doug Hill**
@DougHill25 Follow

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cambridge.org/core/books/ree...

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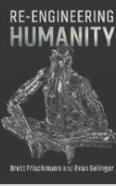
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Re-Engineering Humanity

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 **RE-ENGINEERING HUMANITY**

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Altmetric Details Page

Overall attention for this book and its chapters

411 Mentioned by

- 41 news outlets
- 3 blogs
- 76 tweeters
- 4 Facebook pages

TABLE OF CONTENTS

Book Overview

TOOLS

- Open in a new tab

SUMMARY News Blogs Twitter Facebook

Title: Re-Engineering Humanity
Published by: Cambridge University Press, April 2018
DOI: 10.1017/9781316544846
ISBNs: 978-1-107-14709-6, 978-1-316-54484-6, 978-1-316-60109-9
Authors: Brett Frischmann, Evan Selinger

[View on publisher site](#)

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<meta name="citation_author" content="Brett Frischmann">
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Text mining for news and policy

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Re-Engineering Humanity

RE-ENGINEERING HUMANITY

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Authors: Brett Frischmann, Evan Selinger

View on publisher site

Alert me about new mentions



Altmetric Attention Score & Mention counts



144	news outlets
22	blogs
4	policy sources
1223	tweeters
16	Facebook pages
1	Wikipedia page
1	Redditor

Filters or breadcrumbs

(They help you find the 'good stuff')

Altmetric Attention Score & Mention counts



144 news outlets
22 blogs
4 policy sources
1223 tweeters
16 Facebook pages
1 Wikipedia page
1 Redditor

Filters or breadcrumbs
(They help you find the 'good stuff')

Context & Content

Who's talking about your work?



Katarina Arandjelovic @KArandjelovic
Well said @AlboMP! As it turns out - the two are not mutually exclusive. Climate change-induced extreme weather events and global warming will increase the frequency and severity of infectious disease outbreaks, as discussed in this @TheLancet paper: doi.org/10.1016/s0140-...

THE CONVERSATION
COVID rates, excess deaths and the economy: how countries work out when to exit lockdown

Joybell @LynnetteRoss11
Climate and Health relationships cannot be divorced from one another.

What are they saying?

Where are they saying it?



Evidence of engagement & indicators of impact
(This is the 'good stuff')

Product evolution



2011: Altmetric Founded by Euan Adie, Altmetric badges launched



2012: Altmetric Explorer for Publishers



2014: Altmetric Explorer for Institutions, first annual Top 100, 1:AM



2015: Bookmetrix



2016: Badges for Books, EFI v2, research grant



2017: EFP v2, Dimensions badges



2018 & 2019: Incremental data & UI enhancements



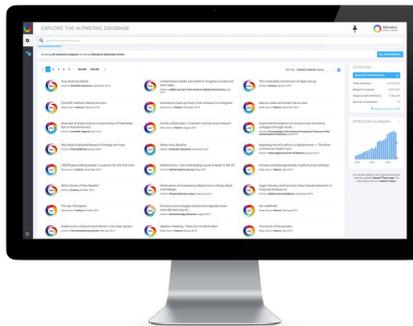
Our products

Altmetric Badges



Embeddable visualisation that can be added to any webpage. Typically bought by journal and book publishers.

Altmetric Explorer



Cloud-based platform where users can search and report on all Altmetric data. Optional books index. Bought by publishers, institutions, and other research orgs.

APIs



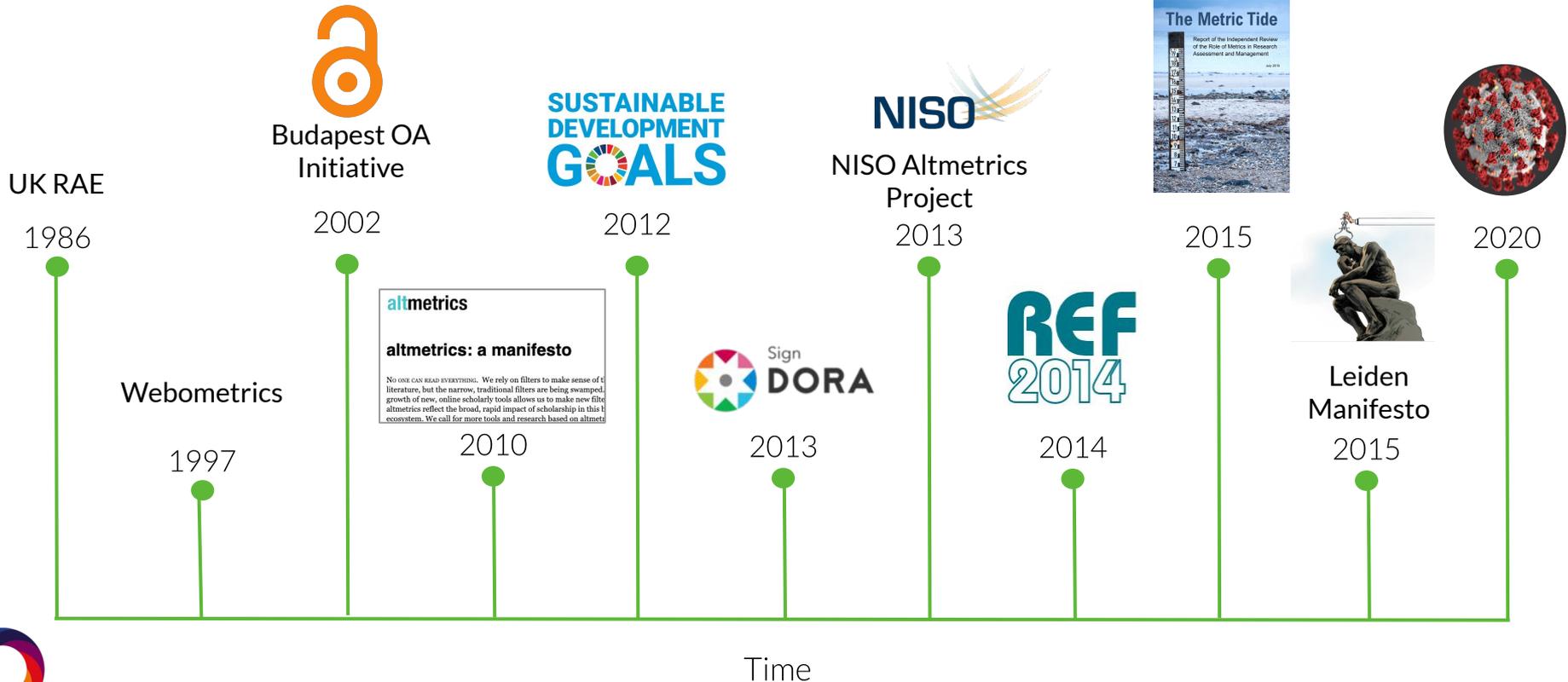
Programmatic access to all of Altmetric's data. Used for custom integrations.





Unlocking the metrics puzzle: Altmetrics in action

Evolving research landscape



Key to the metrics puzzle? Thinking differently

Leiden Manifesto



Quantitative evaluation should support qualitative, expert assessment



Measure performance against the research missions of the institution, group or researcher



Altmetrics extension



Use quantitative data as a guide to find the valuable qualitative data (the stories)

Focus on the mention types relevant to the research objectives

Use the data for more than just evaluation!



Altmetrics & REF

If you're new to the Research Excellence Framework (REF)

- REF 2014 replaced the previous Research Assessment Exercise (RAE)
- Run by the four UK higher education funding bodies
- Informs allocation of funding for UK research
- Provides accountability for public investment in research
- REF 2021 timetable revisions to be announced shortly



Defining Impact

For the purposes of the REF, impact is defined as an 'effect on, change or benefit to the economy, society, culture, public policy or services, health, the environment or quality of life, beyond academia.'⁽¹⁾



GOING BEYOND

“Dissemination is not impact: even if you have impressive numbers of reads, downloads, views or listens, how do you know if anyone learned anything from it, benefited, or did anything different as a result? **Keep asking, ‘what happened next?’**”⁽²⁾



Evidencing public engagement

- How has something **changed** as a result of the public engagement surrounding your research?
- Engage with your audiences to find out
- Changes in behaviour / attitude / practice?
- Follow pathway to impact ➡ identify evidence of impact



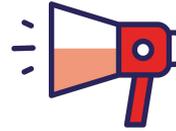
Discover pathways to impact using Altmetric



**Policy
mentions**



**Patent
mentions**



**Mass media
mentions**



**Social media
mentions**





Randomized Trial of Peanut Consumption in Infants at Risk for Peanut Allergy
NEJM, 2015

Research into strategies to prevent and treat food allergies, eczema, asthma, and hay fever



? About this Attention Score

In the top 5% of all research outputs scored by Altmetric

MORE...

Mentioned by

- 233 news outlets
- 35 blogs
- 1 policy source
- 492 tweeters
- 11 patents
- 134 Facebook pages
- 1 Wikipedia page
- 14 Google+ users
- 2 Redditors
- 1 research highlight platform
- 7 video uploaders

Citations

- 847 Dimensions

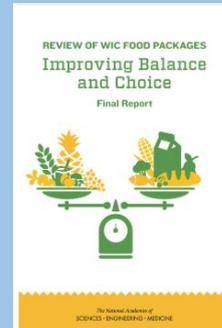
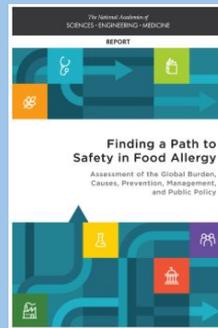
Changing policy

Changes clinical practice

“Based on this evidence, the AAP issued interim guidance in September 2015 for the early... introduction of peanut protein...the National Institute of Allergy and Infectious Disease is set to release a policy to formally recommend the introduction of peanut to high-risk children at between 4 to 6 months of age” National Academies Press

Changing industry
(patents related to allergen dosing food packets)

“Changes clinical practice” - expert reviews



Join the Altmetric-REF Working Group!

- 98 members across 48 UK institutions
- Provide help and a discussion space for UK institutions using Altmetric to support REF 2021
- Slack Group, training materials and exclusive access to discussion webinars





Altmetrics & COVID

Analysis by Mike Taylor



What's in this tab?



Showing mentions over time for 15,792 research outputs in your search query.

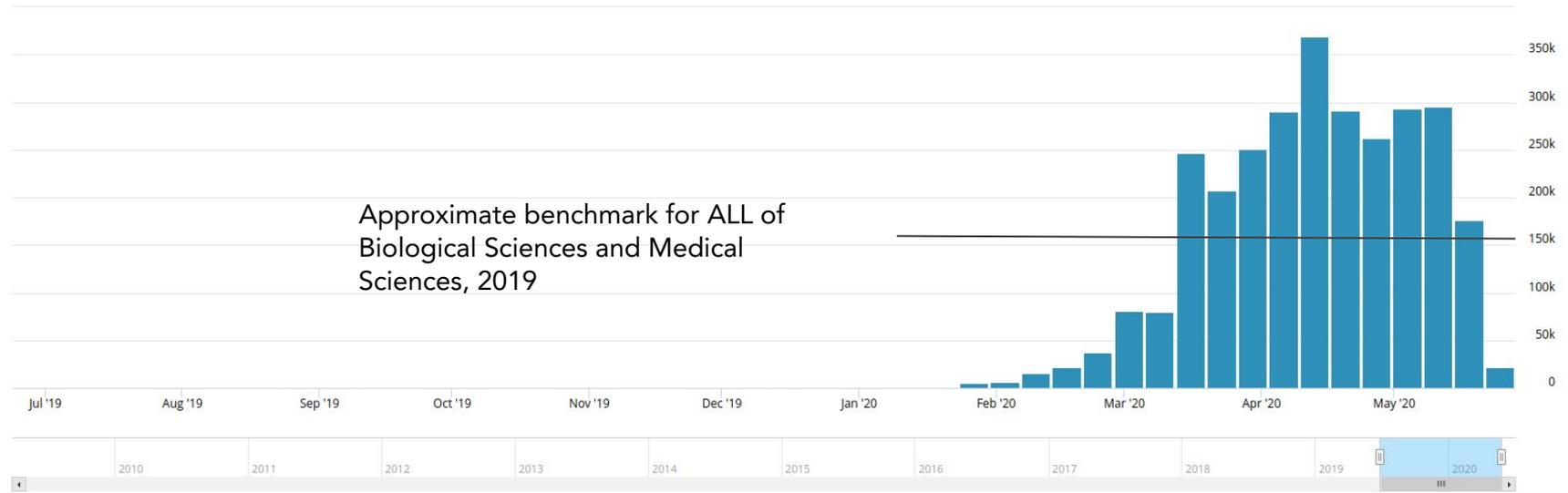
EXPORT THIS TAB

SAVE SEARCH

ALL TYPES 3,062,396	NEWS 87,988	BLOG 9,201	POLICY 472	PATENT 1	TWITTER ✓ 2,949,881	PEER REVIEW 26	FACEBOOK 10,540	WIKIPEDIA 494	REDDIT 2,976	FACULTY OPINIONS 143	Q&A 35
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VIDEO
639

ZOOM 1 week 1 month 3 months 6 months 1 year All time



Approximate benchmark for ALL of Biological Sciences and Medical Sciences, 2019





What's in this tab?

Showing mentions over time for **15,792 research outputs** in your search query.

EXPORT THIS TAB

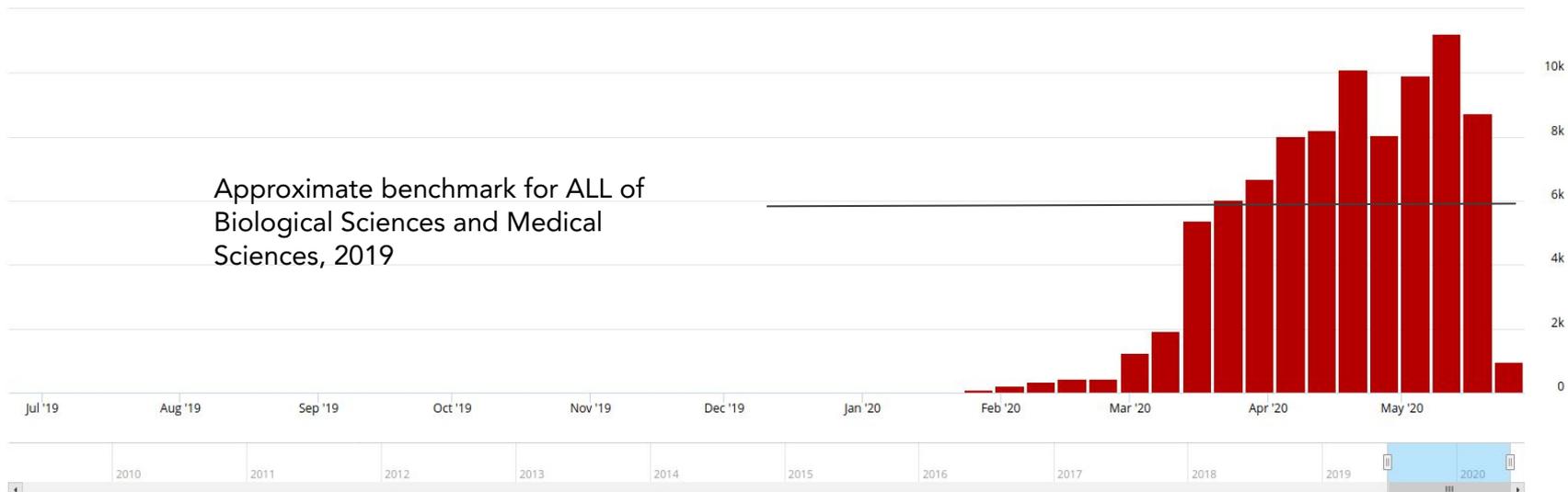
SAVE SEARCH

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VIDEO
639

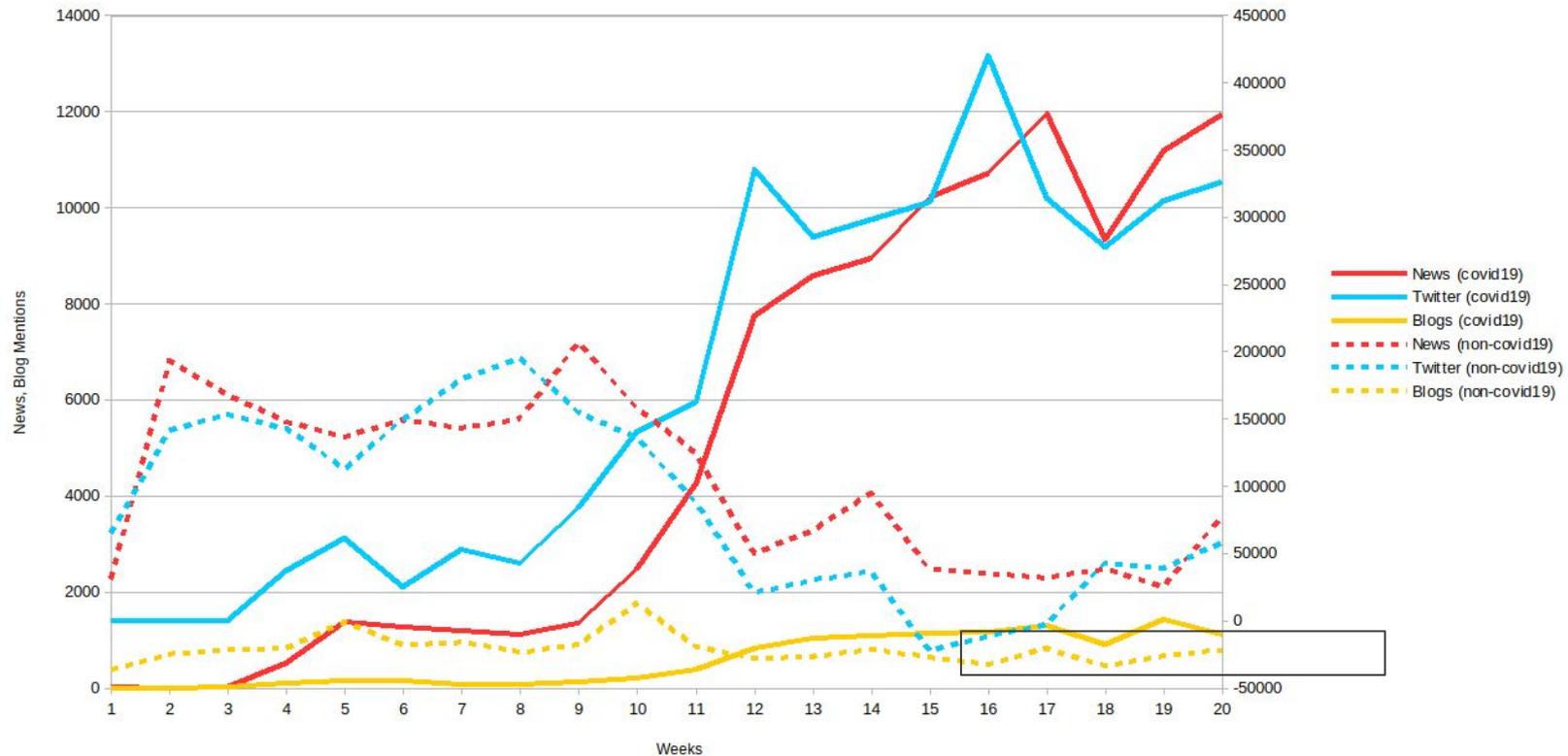
ZOOM 1 week 1 month 3 months 6 months 1 year All time

Approximate benchmark for ALL of Biological Sciences and Medical Sciences, 2019

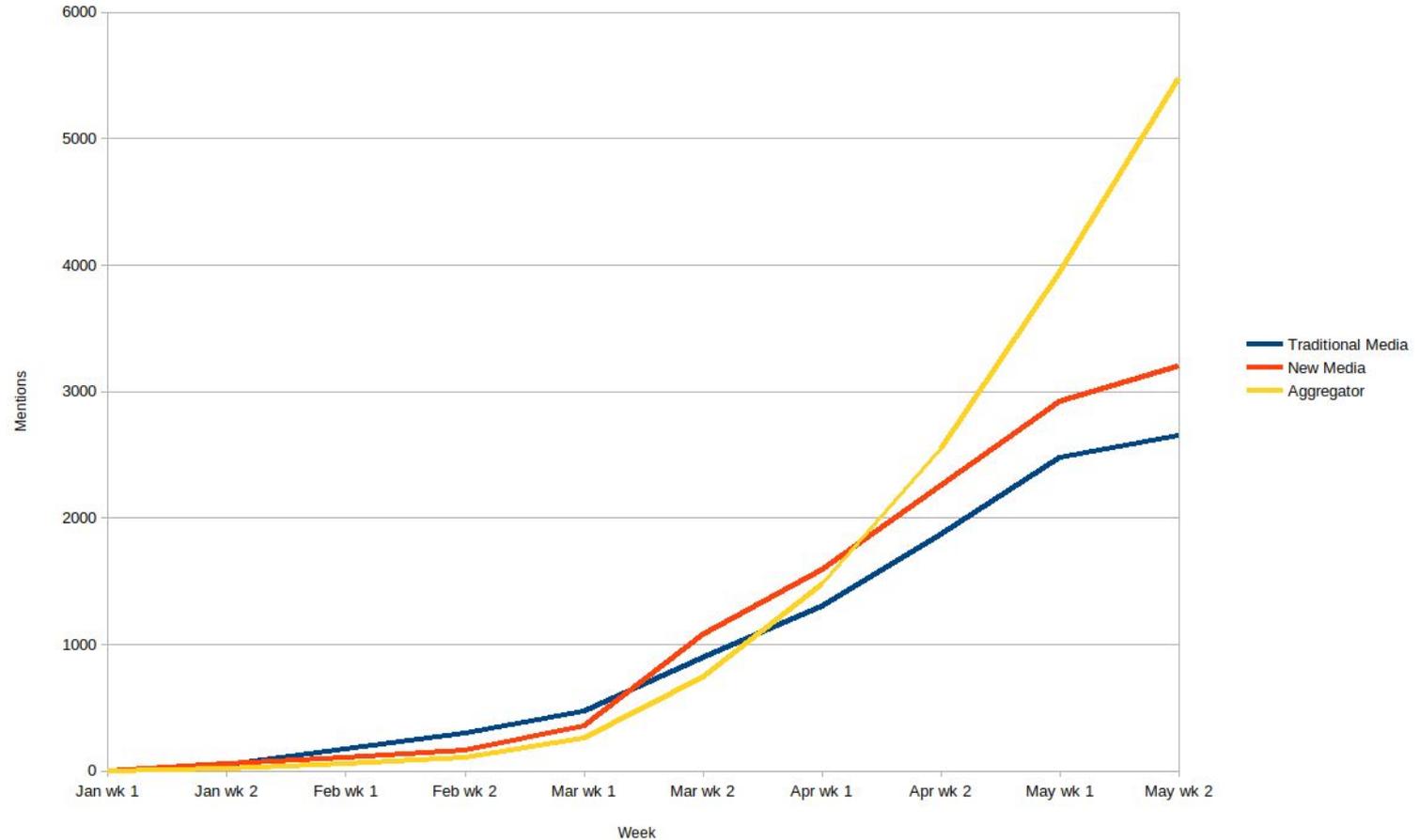


COVID-19 Attention versus non-COVID-19 Attention

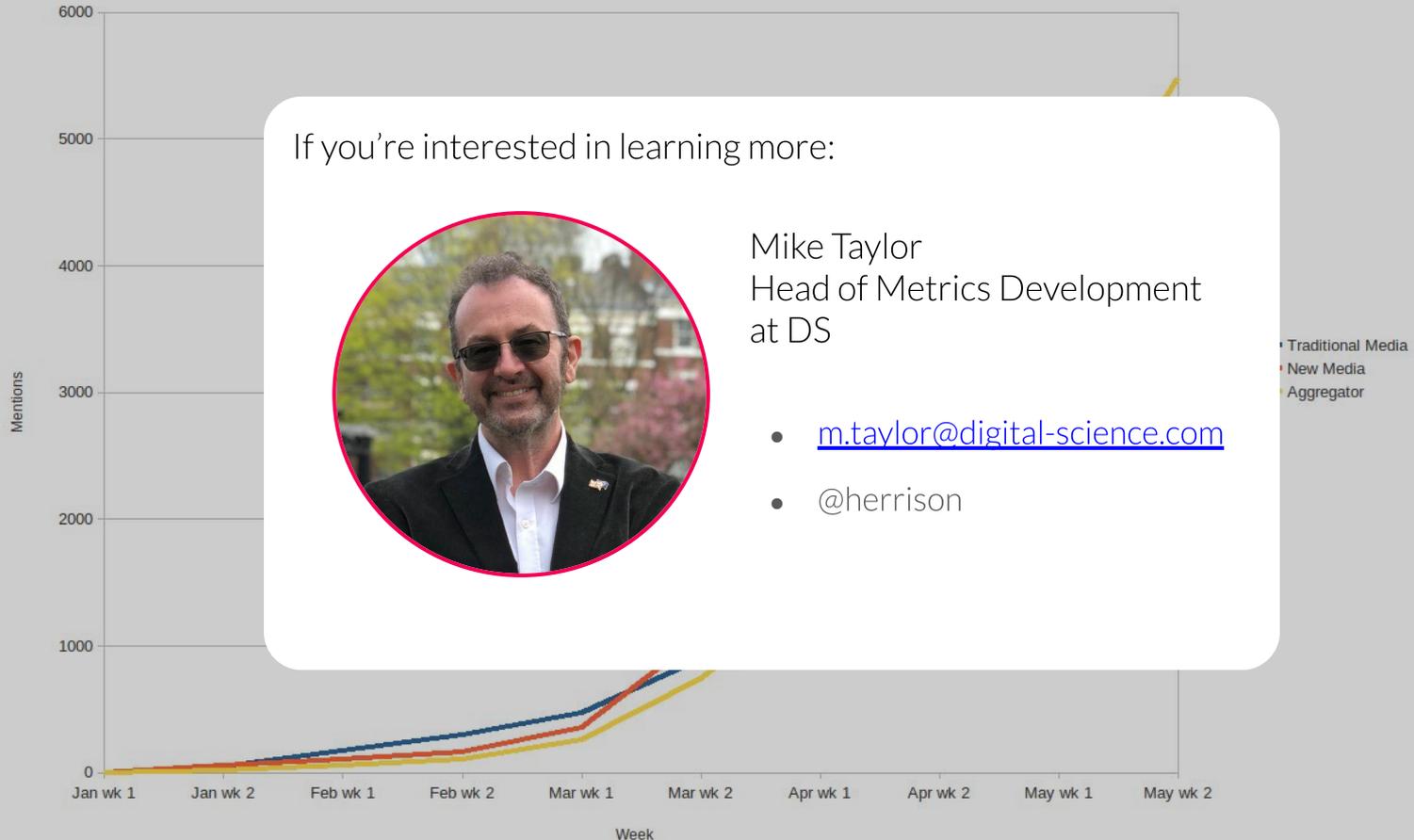
Medical & Biological Sciences Research: COVID-19 vs Non-COVID-19 research



COVID-19 Volume by news media type - Top 12 sources



COVID-19 Volume by news media type - Top 12 sources



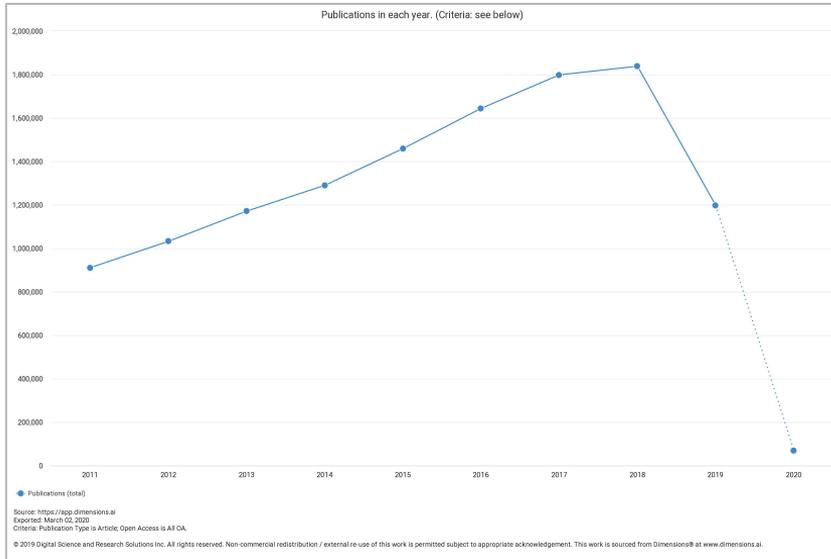


Impact of Open Access Books (*teaser*)

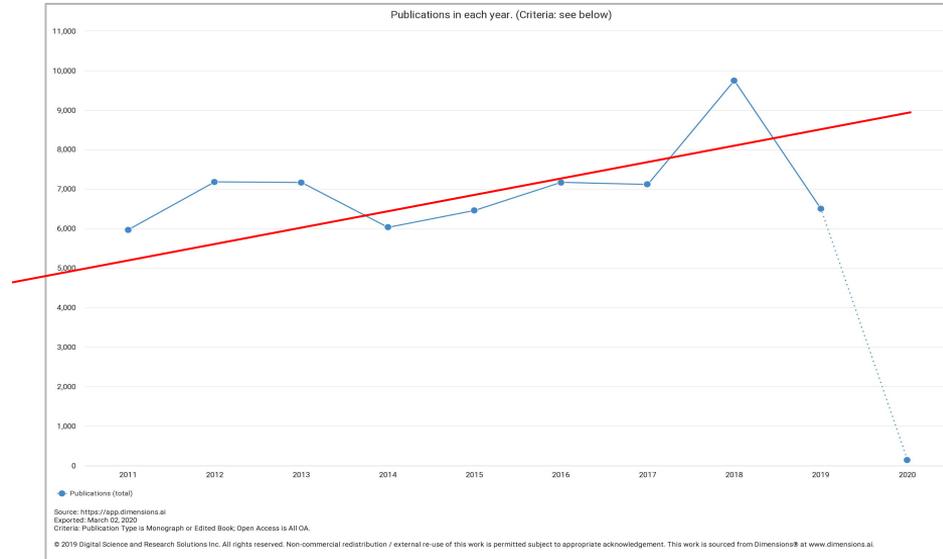
Analysis by Mike Taylor

Growth in Open Access

Journals



Books



The OA Altmetric advantage for books

Set of 32,222 Social Sciences and Humanities books, of which 5% are OA

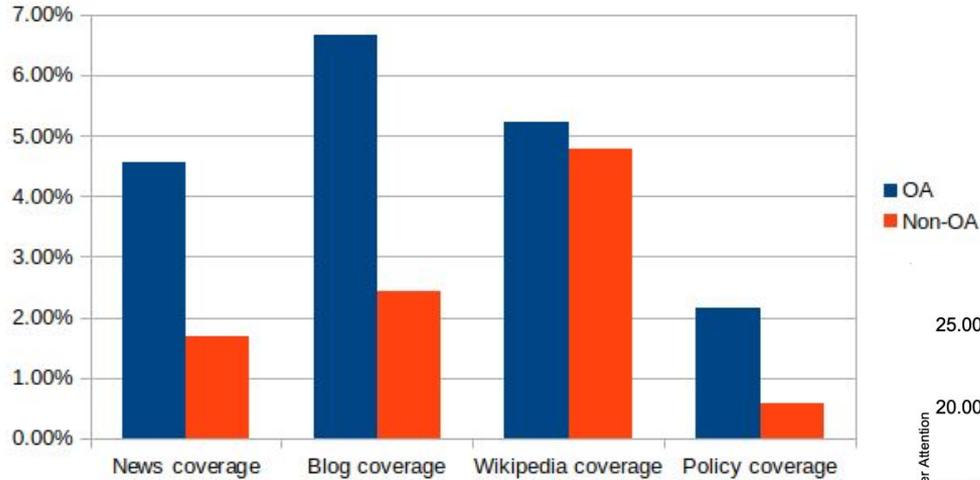
Findings:

- OA books have significantly higher use on social networks, higher coverage in the mass media and blogs, and higher evidence of social impact in policy documents.
- OA chapters have higher rates of coverage on Wikipedia than their non-OA equivalents

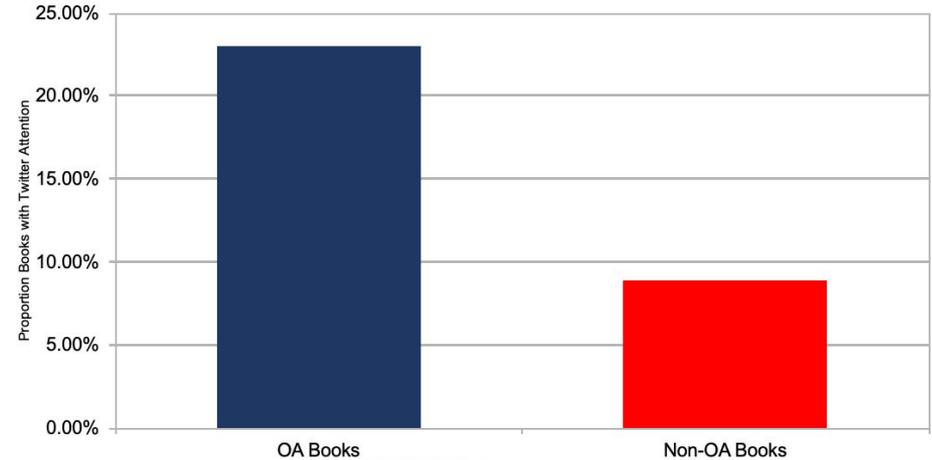


OA vs Non OA Altmetric attention

OA Book Altmetric Advantage

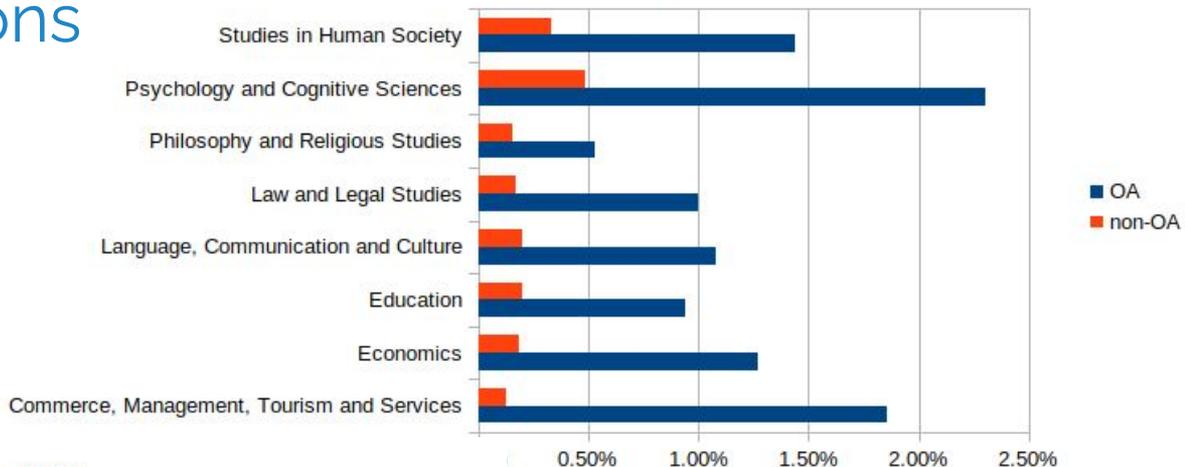


OA Book Twitter Advantage

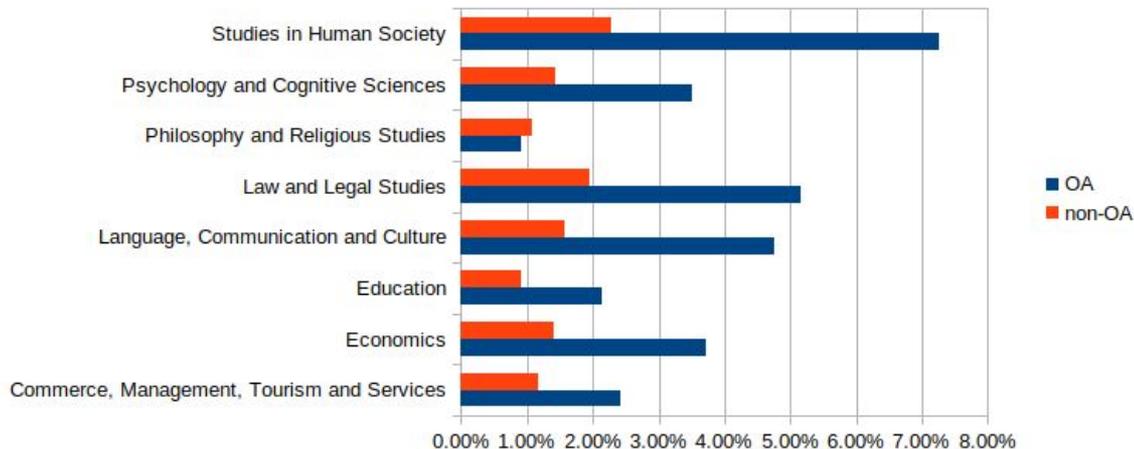


Results - news mentions

OA Chapter Advantage - News

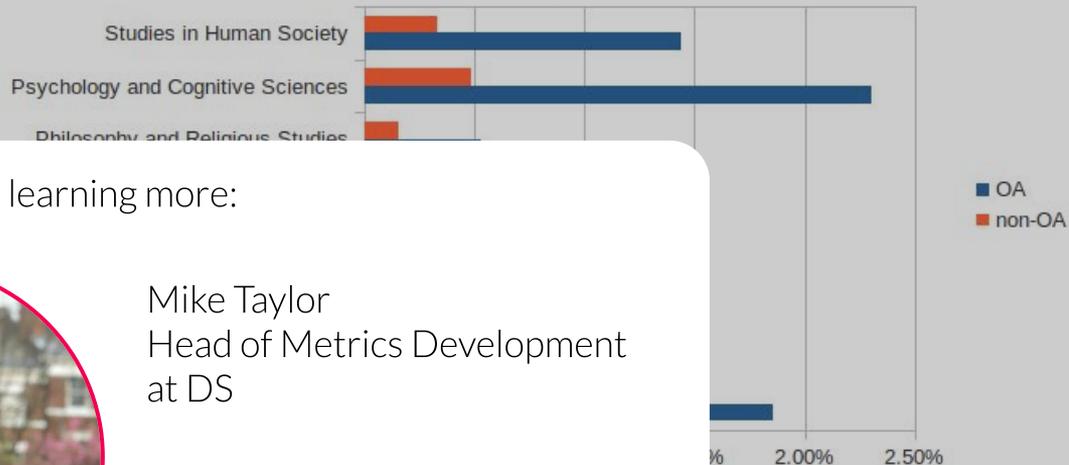


OA Book Advantage - News



Results - news mentions

OA Chapter Advantage - News

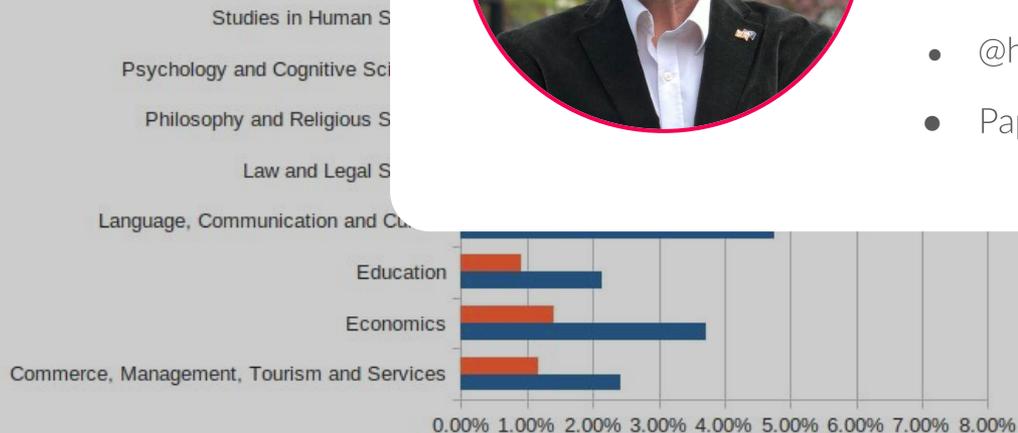


If you're interested in learning more:



Mike Taylor
Head of Metrics Development
at DS

- m.taylor@digital-science.com
- @herrison
- Paper pending!

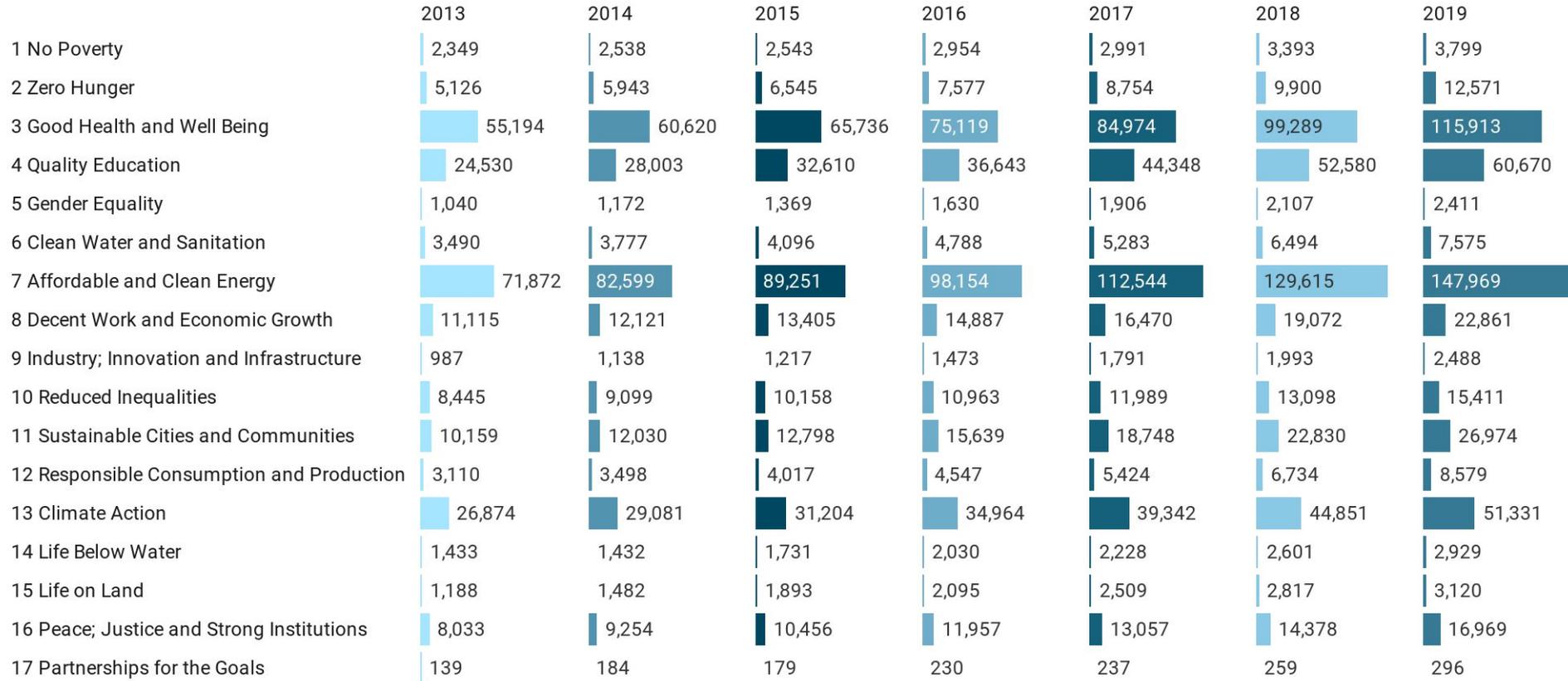




Altmetrics & SDGs

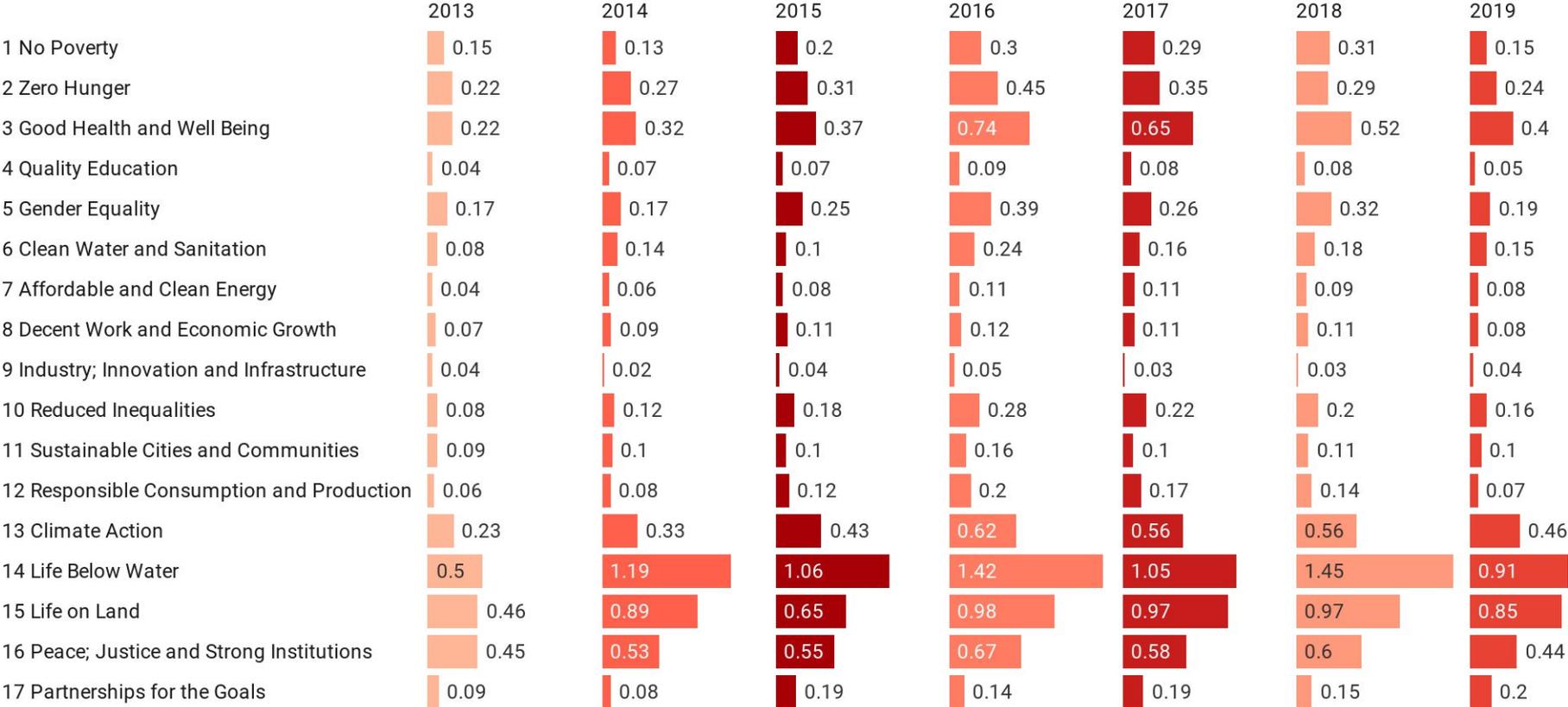
Analysis by Mike Taylor

Annual Publications SDG Research

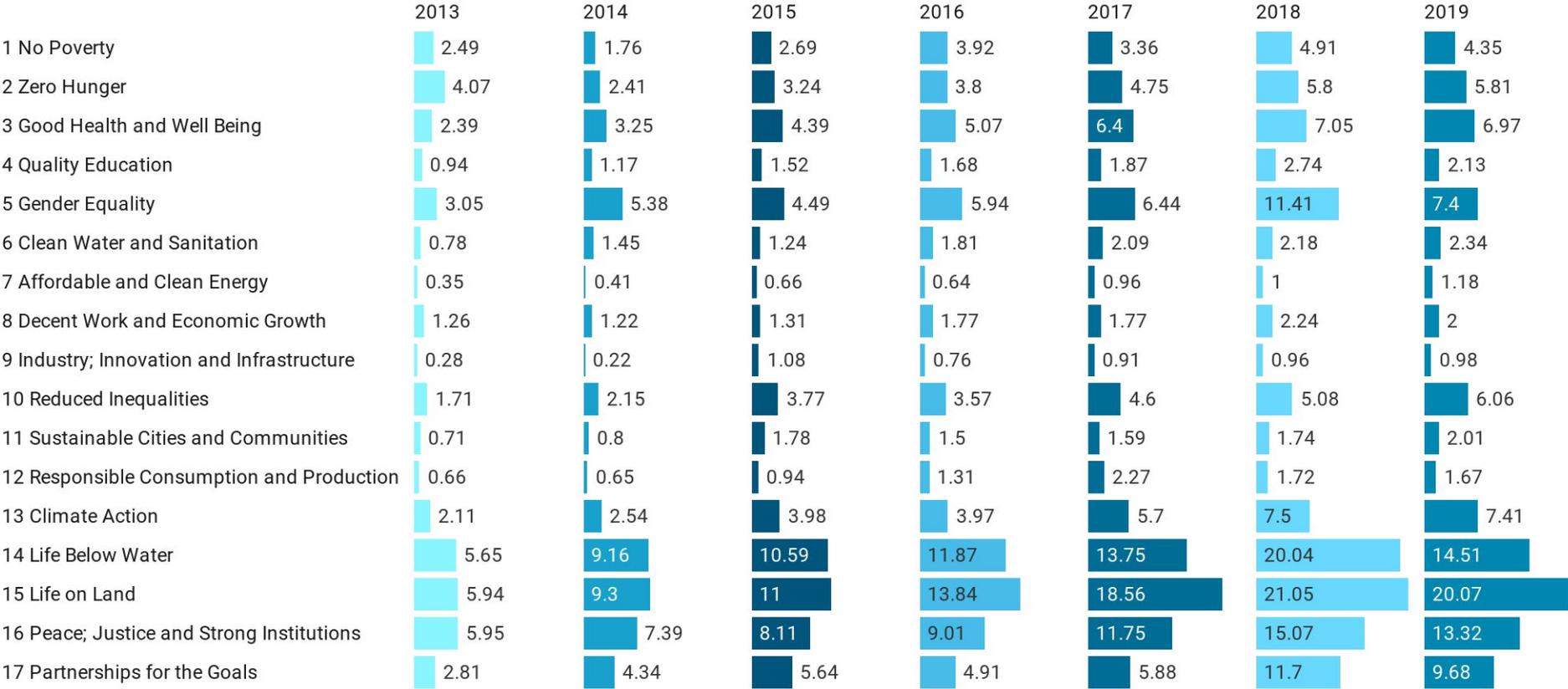


• Created with Datawrapper

News Mentions to SDG Research (average)

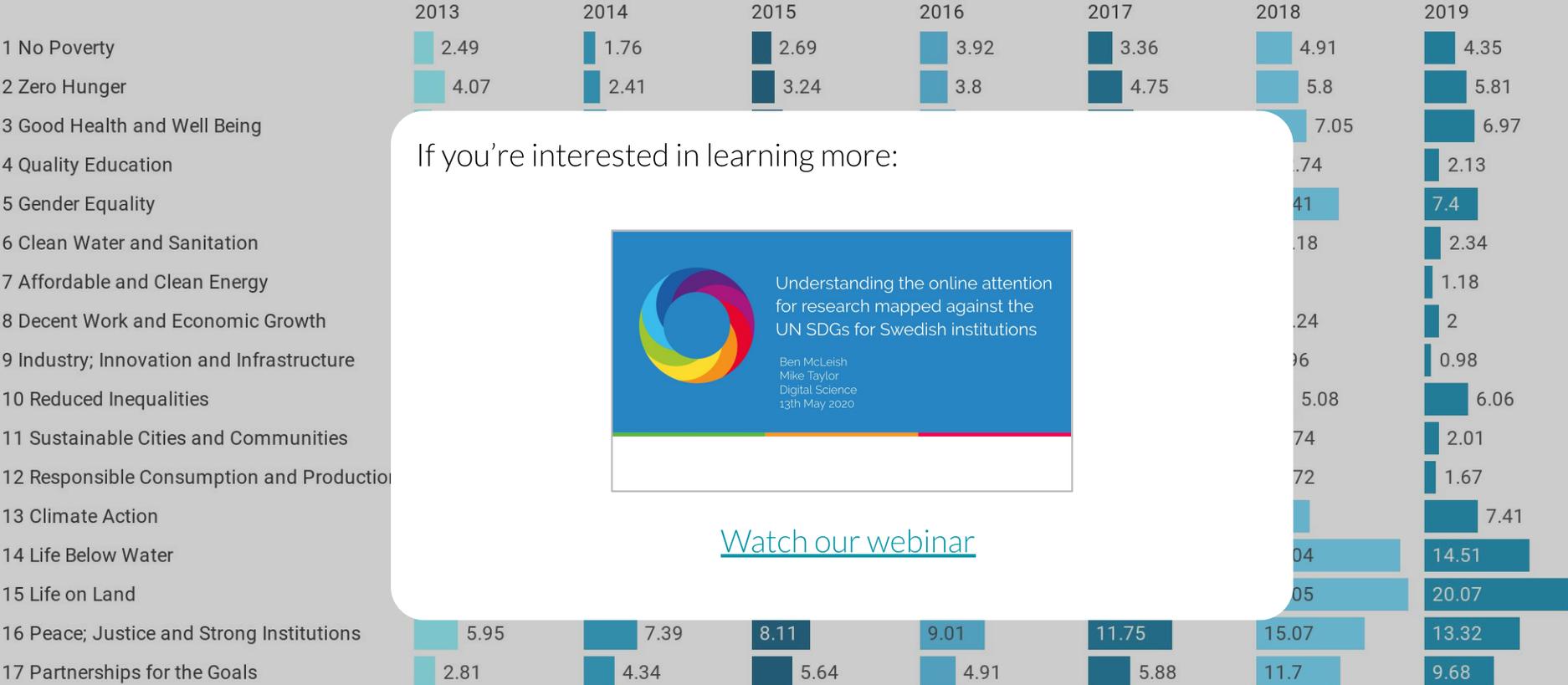


Twitter Mentions to SDG Research (average accounts)



• Created with Datawrapper

Twitter Mentions to SDG Research (average accounts)



If you're interested in learning more:

[Watch our webinar](#)

• Created with Datawrapper

Thank you!
Any questions?

You can find us at:
kathy@altmetric.com
natalia@altmetric.com

For further details on Mike's analyses:
m.taylor@digital-science.com

Customer stories



Our speakers...



Lizzie Seals
Sheffield Hallam University



Nathalie Cornée
London School of
Economics



Luc Int Panis
VITO



Break time

Back at half past

Altmetric Product Update

Roisi Proven - Director of Product

Hello!

I am Roisi Proven

- Joined Altmetric as Director of Product April 2020
- Background in growing startups and consulting
- Pleased to meet you!



This is the Altmetric Product team!



Charlotte Perry-Houts

- Responsible for attention sources and data



Emma Proudley

- Responsible for onboarding and implementations



Louise Ho

- Responsible for UX and Design



Product Updates: Jan 2020 - Now

Platform

Now



Performance
upgrades



Accessibility
Audit and initial
improvements



New login
workflow

Next

- API Useability
- Evaluating new search integrations with Dimensions

Onboarding

Now

20+

New customers
onboarded



Completed large
infrastructure
project

Next

- Easier Integration with PURE and Elements
- Improve support tooling for missed mentions and diagnostics

Attention Data

Now



Updated patent
import and
six-month
schedule enacted



Improved
Facebook
collector
performance

Next

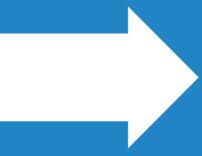
- Expansion of supported citation formats from Wikipedia
- Internal tooling improvements to support News tracking
- Improved support for books

A night landscape featuring a starry sky with a prominent star trail or meteor streak. The ground is covered in snow or light-colored earth, with dark rocks scattered throughout. A glowing, curved path or road leads from the foreground towards the horizon, illuminated by a bright light source. The overall scene is dark and atmospheric, with a deep blue and black color palette.

2020 Product Vision

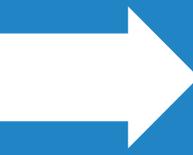


The way research is shared is changing



13557

Highest Attention score pre-March 2020

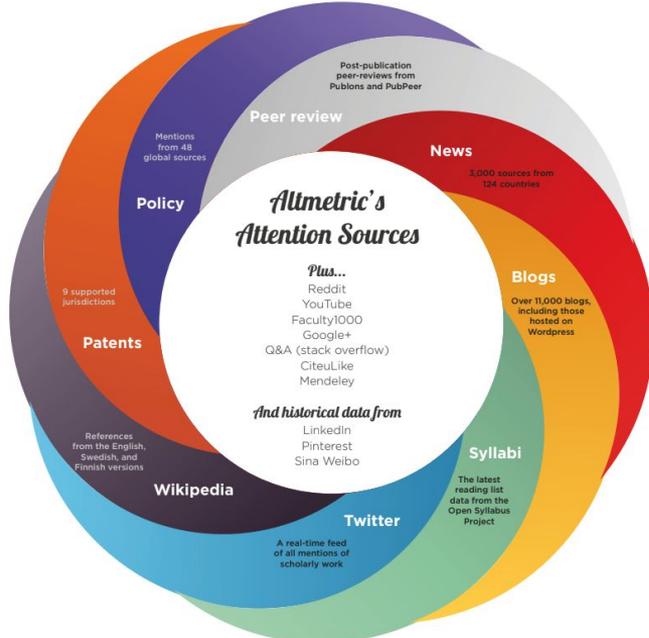


65830

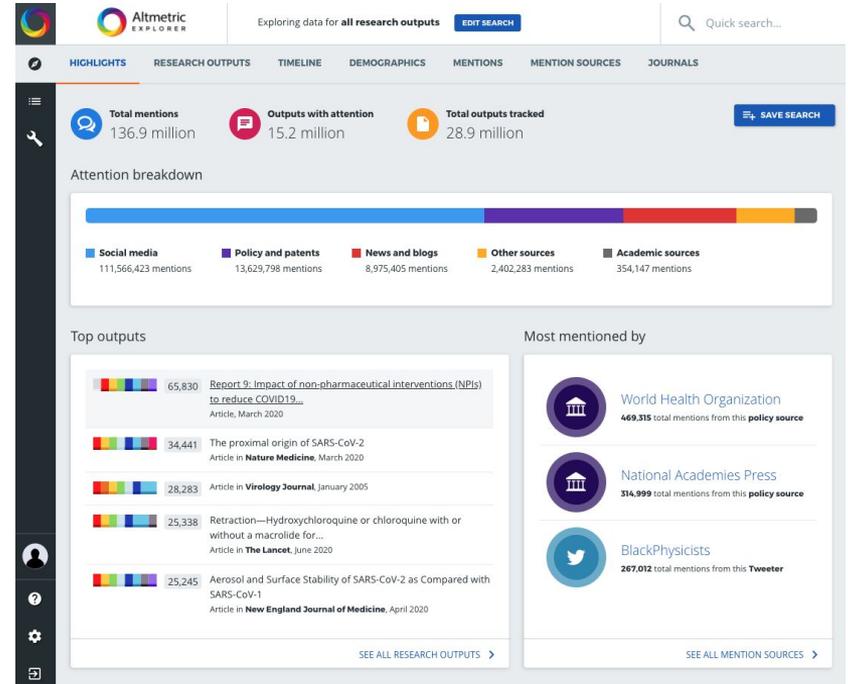
Highest Attention score as of June 16th

Strengthening Our Foundations

Altmetric Badges



Explorer For Institutions



Helping you find the right stories to tell



Revealing unknown
treasures



Providing evidence for
your stories

Questions?



Engagement Workshop

Patty Smith - Senior Engagement Manager





Top 7 Tips for Using Altmetric at Your Institution

Introduction



Patty Smith (Chicago, IL)

Senior Engagement Manager
engagement@altmetric.com

Background: 5 years as a librarian in both hospital and academic environments, where I developed a passion for scholarly communication and research impact.



Session Goal: Learn how you can use Altmetric data in new ways



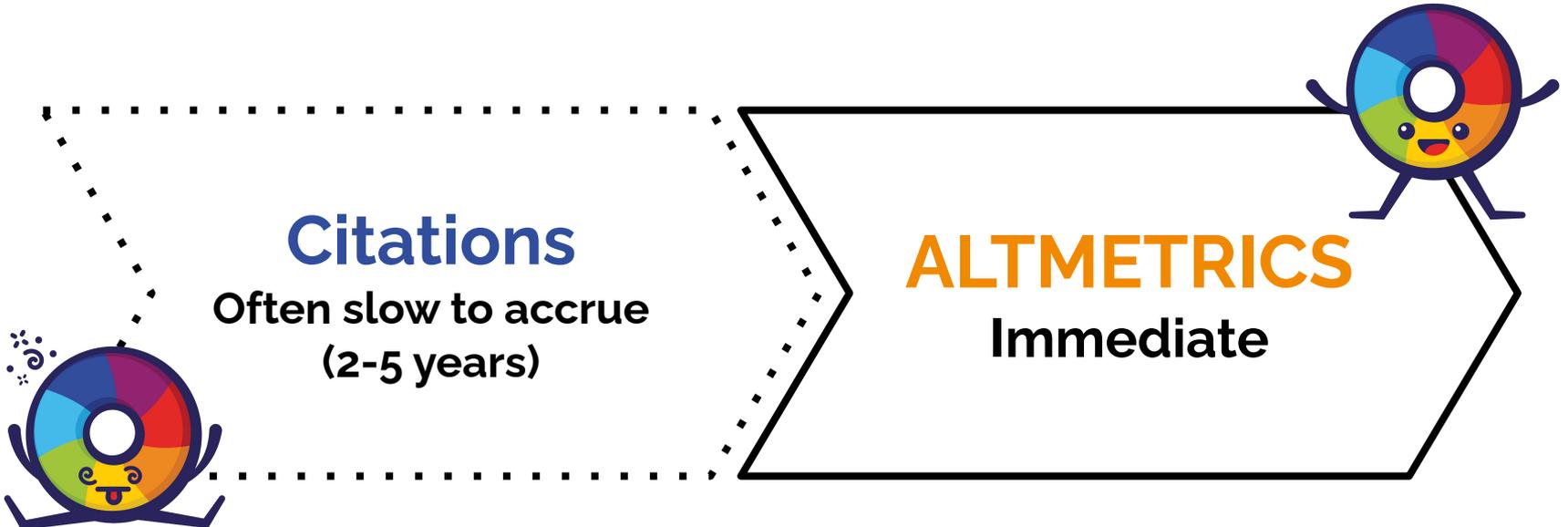
- 1) View early feedback
- 2) Publish strategically
- 3) Discover influencers
- 4) Track diverse outputs
- 5) Discover collaborations
- 6) Gain competitive insight
- 7) Form narratives





Tip 1: View early* feedback

Use altmetrics to discover attention research is receiving online in real-time



* and recent!





Tip 1: View early* feedback

Use altmetrics to discover attention research is receiving online in real-time

Especially useful for:

- Early-career researchers
- Demonstrating impact of recently published work to funders and in grant applications and renewals
- Highlighting successes in real-time (great for communications/marketing on campus)
 - E.g. a monthly research round-up congratulating researchers across campus on a job well done.

*** and recent!**





Tip 2: Publish strategically

Discover journals in specific subject areas that receive broad attention

Advanced search X CLOSE

My institution Research outputs

Full Altmetric database My institution only

VERIFIED AUTHOR WHAT IS THIS? **KEYWORDS** WHAT IS THIS?
Enter one or more author names from your institution. Enter a title, author name, editor name, and/or journal.

VERIFIED DEPARTMENT WHAT IS THIS? **SUBJECTS (FOR CLASSIFICATION)** WHAT IS THIS?
Enter one or more department names from your institution.

PUBLISHERS, JOURNALS, AND COLLECTIONS

PUBLISHER NAME WHAT IS THIS?
Enter one or more publisher names.

DOI PREFIX WHAT IS THIS? **TYPE OF OUTPUT** WHAT IS THIS?

0601 Biochemistry and Cell Biology
0603 Evolutionary Biology
0605 Microbiology
0607 Plant Biology
1108 Medical Microbiology

Search by Field of Research codes (FoR)

Classification system developed in Australia - codes are assigned at the paper level, not the journal level

Where should I publish my research?





Tip 3: Discover “influencers”

See who is talking about your research the most

- Who are the prominent voices in my field?
- Which blogs should I be reading?
- Which Twitter accounts should I be following?
- Which journals tweet the most?





Tip 4: Track diverse outputs

Credit where credit is due - track outputs beyond journal articles and discover attention

Northwestern Medicine
Feinberg School of Medicine

Northwestern University | Faculty Profiles

DigitalHub

Login

Home Catalog About News Collections Help Contact

Enter search terms All ▾

[Back to search results](#)

TELLING YOUR SCIENCE STORY
THE PAST, PRESENT, & FUTURE USE OF ALTMETRICS IN AN ACADEMIC LIBRARY SETTING

Patty Smith, MLIS
Research Impact Librarian
@pattysmith
Slides: <http://bit.ly/5amSmith>

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Actions

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[18](#)

Telling Your Science Story: Past, Present, & Future Use of Altmetrics in an Academic Library Setting

[Open Access \(recommended\)](#)

Descriptions

Resource type(s): [Presentation](#)

Keyword: [alternative metrics](#)
[altmetrics](#)
[research impact](#)

Rights: [Attribution 4.0 International](#)

Creator: [Smith, Patty](#)

Publisher: [DigitalHub, Galter Health Sciences Library & Learning Center](#)

Date Created: 2018

Language: [English](#)

Subject: MESH: [Bibliometrics](#)

Subject: LCSH: [Research--Evaluation](#)
[Scholarly publishing](#)

DOI: [10.18131/g3-47z6-xc12](#)

File Details

How was my presentation received?





Tip 4: Track diverse outputs

Credit where credit is due - track outputs beyond journal articles and discover attention

18

How was my presentation received & how is this useful?

- 29 tweets from 24 users
- Immediate feedback on slides
- Inform future presentations
- Direct others to slide deck
- Network opportunities (especially in conference settings)
- Monitor sentiment, i.e. did my presentation spark debate?



C@meronNeylon
@CameronNeylon

9,057
FOLLOWERS

Not just a masterclass in how to apply [#altmetrics](#) but also in putting together a beautiful slide deck from [@psthelibrarian](#) at [#5AMconf](#) <https://t.co/K8GTqtyzqc>

26 Sep 2018

↩ Reply ↻ Retweet ★ Favourite



Mathi@s Astell
@MathiasAstell

918
FOLLOWERS

Great talk from [@psthelibrarian](#) on practically utilising and implementing the [@altmetric](#) data to create stories about research impact. Check out her slides: <https://t.co/gTkoZkyCrp> [#5amconf](#) <https://t.co/OfGKDzOGcd>



Sarah Lamont
@slamont7

70
FOLLOWERS

Enjoyed the mix of theory and practice in this talk from [@psthelibrarian](#) at [#5amconf](#)

26 Sep 2018

↩ Reply ↻ Retweet ★ Favourite





Tip 5: Discover collaborations

Track collaborative efforts between institutions

Advanced search X CLOSE

Full Altmetric database My institution only

My institution

VERIFIED AUTHOR [WHAT IS THIS?](#)
Q Enter one or more author names from your institution.

VERIFIED DEPARTMENT [WHAT IS THIS?](#)
Q Enter one or more department names from your institution.

Publishers, journals, and collections

PUBLISHER NAME [WHAT IS THIS?](#)
Q Enter one or more publisher names

DOI PREFIX [WHAT IS THIS?](#)
Q Enter one or more DOI prefixes, e.g., 10.6084

JOURNAL OR COLLECTION
Q e.g., Physics Letters, arXiv, figshare, 0028-0836

RESEARCH OUTPUTS

KEYWORDS [WHAT IS THIS?](#)
Enter a title, author name, editor name, and/or journal

SUBJECTS (FOR CLASSIFICATION) [WHAT IS THIS?](#)
Q Enter one or more subjects (e.g. "0607" or "Plant Biology")

AFFILIATION (GRID) [WHAT IS THIS?](#)
Q

TITLE OF OUTPUT [WHAT IS THIS?](#)
e.g., "Good vibrations: the role of music in Einstein's thinking"

TYPE OF OUTPUT [WHAT IS THIS?](#)
 All outputs



Exploring data for **all research outputs** from **Lilliput University** affiliated with **Vanderbilt University** EDIT SEARCH

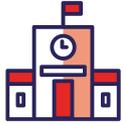
HIGHLIGHTS RESEARCH OUTPUTS TIMELINE DEMOGRAPHICS MENTIONS JOURNALS

Total mentions 3,169

Outputs with attention 144

Total outputs tracked 148



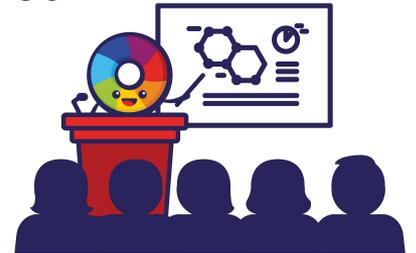


Tip 6: Gain competitive insight

Track peer institutions. What kind of attention are they receiving?

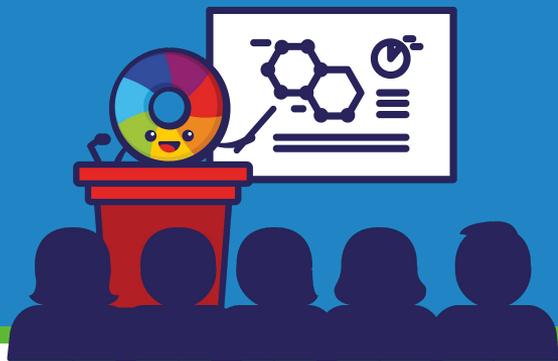
- Use for internal reporting
- Demonstrate performance to alumni and attract donations
- Use for recruitment
 - New faculty
 - New students

“In the last 5 years, research at Lilliput University has been featured in the news 20% more frequently than peer institutions.”



Live Demonstration

altmetric.com/explorer





Tip 7: Form narratives

Use altmetrics to describe the reach and impact of research

Example scenario: A department would like to demonstrate and describe the impact of their work for a grant application.

First, use Altmetric Explorer to search for research outputs and start building context around how people and organizations are using and discussing this work. Consider starting with:

- Policy mentions
- Mass media mentions
- Patent mentions
- Social media mentions

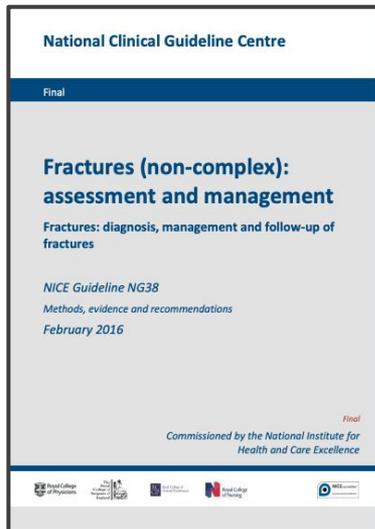




Policy citations

Oral administration of morphine versus ibuprofen to manage postfracture pain in children: a randomized trial

Review question: What is the most effective initial acute pharmacological management to alleviate pain in patients with a suspected long bone fracture (tibia and fibula, humerus, radius and ulna, or unspecified) in acute care settings?



Oral NSAIDs versus oral morphine (children)

Moderate quality evidence from a single RCT of 134 patients demonstrated no clinical difference between the interventions for change in pain score, with no serious imprecision.

Moderate evidence from a single RCT of 134 patients demonstrated a clinical benefit with oral NSAIDs between the interventions for incidence nausea, with serious imprecision.

Moderate quality evidence from a single RCT of 134 patients demonstrated a clinical harm of oral NSAIDs over oral morphine in the reduction of further need for analgesia, with serious imprecision.

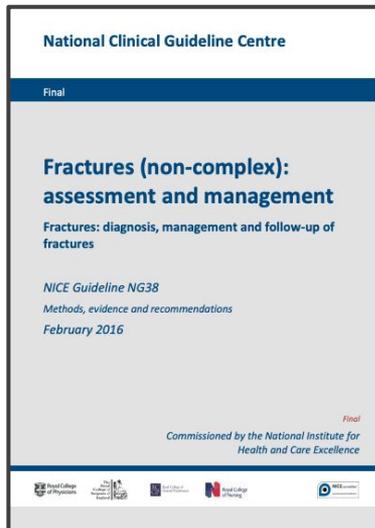




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Oral administration of morphine versus ibuprofen to manage postfracture pain in children: a randomized trial

Review question: What is the most effective initial acute pharmacological management to alleviate pain in patients with a suspected long bone fracture (tibia and fibula, humerus,



Recommendations and link to evidence

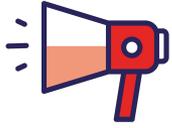
Children

- 1. For the initial management of pain in children (under 16s) with suspected long bone fractures of the legs (femur, tibia, fibula) or arms (humerus, radius, ulna), offer:**
 - oral ibuprofen, or oral paracetamol, or both for mild to moderate pain
 - intranasal or intravenous opioids for moderate to severe pain (use intravenous opioids if intravenous access has been established).

Recommendations

NSAIDs over oral morphine in the reduction of further need for analgesia, with serious imprecision.

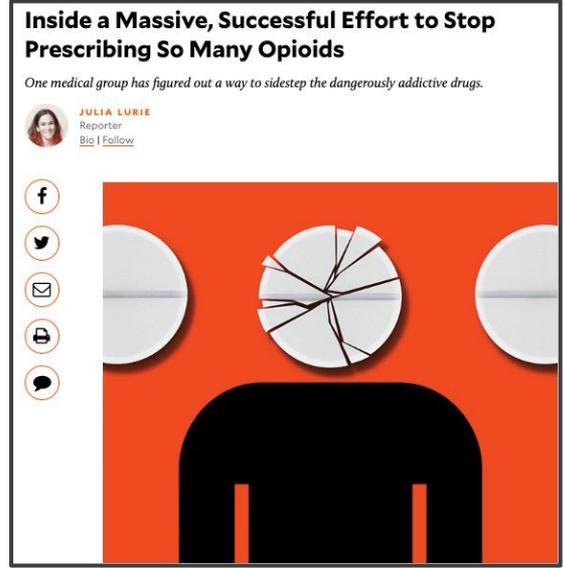




Mass media attention

Oral administration of morphine versus ibuprofen to manage postfracture pain in children: a randomized trial

Mother Jones



LIFE
PARENTING

For Kids With Broken Bones, Ibuprofen Is Safer And Just As Effective As Morphine



REUTERS

BY KATHRYN DOYLE
Tue Oct 28, 2014 1:37pm EDT

(Reuters Health) – The narcotic drug morphine is not the best choice for pain relief in kids with broken bones, a new study suggests.

Blog & Podcast:



EMERGENCY MEDICINE CASES
Bringing you Canada's brightest minds in Emergency Medicine





Social media attention

Oral administration of morphine versus ibuprofen to manage postfracture pain in children: a randomized trial





Tip 7: Form narratives

Use altmetrics to describe the reach and impact of research

Key considerations:

- Who is benefitting from the research?
- Who is talking about the research?
- Where are conversations taking place?
- So what? Does this reach broader audiences?





Tip 7: Form narratives

Use altmetrics to describe the reach and impact of research

“This work informed non-complex fracture guidelines from the National Institute of Health and Care Excellence recommending that pediatric patients receive ibuprofen to manage mild to moderate pain. More broadly, this research has influenced conversations in mass media surrounding opioid addiction; it has also been described on social media as “practice changing” research by clinicians and government officials, evidencing the dissemination of this work to audiences beyond academia.”





Tip 7: Form narratives

Use altmetrics to describe the reach and impact of research

“This work informed non-complex fracture guidelines from the National Institute of Health and Care Excellence recommending that pediatric patients receive ibuprofen to manage mild to moderate pain. More broadly, this research has influenced conversations in mass media surrounding opioid addiction; it has also been described on social media as “practice changing” research by clinicians and government officials, evidencing the dissemination of this work to audiences beyond academia.”





Using altmetrics in references

Use altmetrics to describe the reach and impact of your work

Curriculum Vitae

1. Coral Reefs Under Rapid Climate Change and Ocean Acidification. *Science*, December 2007. **RCR: 34; Cited in 43 policy documents (Dimensions; Altmetric)**
2. Rebuilding Marine Life. *Nature*, April 2020. **Cited in 193 news stories in 20 countries (Altmetric)**
3. Risk-sensitive planning for conserving coral reefs under rapid climate change. *Conservation Letters*, June 2018 **Top 1% of papers published in Conservation Letters (Altmetric)**



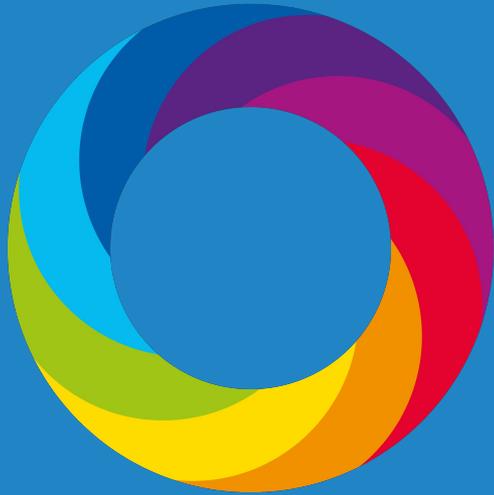


Final Thoughts

Spreading the word at your institution:

- Start small - tell your immediate colleagues
- Join the Altmetric Ambassador program
- Reach out to your comms department, include promotion of Explorer during regular meetings
- Have champions in different departments
 - train-the-trainer sessions with librarians to target power users across various stakeholder groups
- Have a libguide or wiki
- Have a clear access point





Questions?

support@altmetric.com

Break time

Back in at ten to



Panel discussion



Altmetrics in the Research Environment



Mike Taylor
Digital Science



Gemma Derrick
University of Lancaster



Esther De Smet
Ghent University



Wilfred Mijnhardt
Rotterdam School of
Management
Erasmus University



Final thoughts



What can we take from today?

- The concept of altmetrics continues to evolve
- In what scenarios and to what extent they are used varies by need and organization
- Their role in the open science movement, and the global increased focus on SDGs, is still emerging
- They add a unique and valid dimension to our understanding of research influence and improving our scholarly ecosystem



Tools & tips

Tips & Tricks
Helpful webinars, guides, videos and more to help you get started with altmetrics

Resources for Librarians Resources for Researchers Resources for Publishers

Introducing altmetrics

Our "[Beginners guide to altmetrics](#)" video is a great place to start with altmetrics.

In this short video we explain what altmetrics are, how they can be applied your research and how they can complement citation based metrics.

- University of Cambridge** Case Study: Altmetrics at Cambridge University: Gathering benchmarking insights, encouraging collaboration and tracking impact
- Loughborough University** Case Study: Ashley Casey: Disseminating and tracking research using altmetrics data
- CFA Institute** Case Study: CFA Institute: Tracking engagement and attracting new talent
- CONICET** Case Study: Boosting visibility of publicly funded research in Argentina with Altmetric badges
- Duke University - Communications office** Case Study: Duke University - Communications office
- ETH Zurich** Case Study: ETH Zurich: Boosting institutional communications

Top 5 tips for supporting your researchers using altmetrics

Altmetrics for UK institutions: uncover open access trends and prepare for REF 2021

Enhancing institutional analysis with Altmetric tools



Join the Altmetric Ambassador program

A community of over 200 researchers, librarians and publishers across the globe helping to spread the word about altmetrics and Altmetric tools at their institutions and organizations.

Promotional materials, presentation templates,
videos and handouts

Refreshment reimbursement for events

The support from Altmetric to be the point of contact for
all things altmetrics



For more details and information on how
to join visit:
altmetric.com/ambassador-program/



Thank you!

info@altmetric.com

@altmetric