



Beyond the paper

Navigating Academic Publishing now and in the future

Chair: Dr Lee-Ann Coleman



acmedsci.ac.uk



[@AMS_Careers](https://twitter.com/AMS_Careers)
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Open Research at Wellcome...

...and the current publishing landscape






Aki MacFarlane

24th June 2021

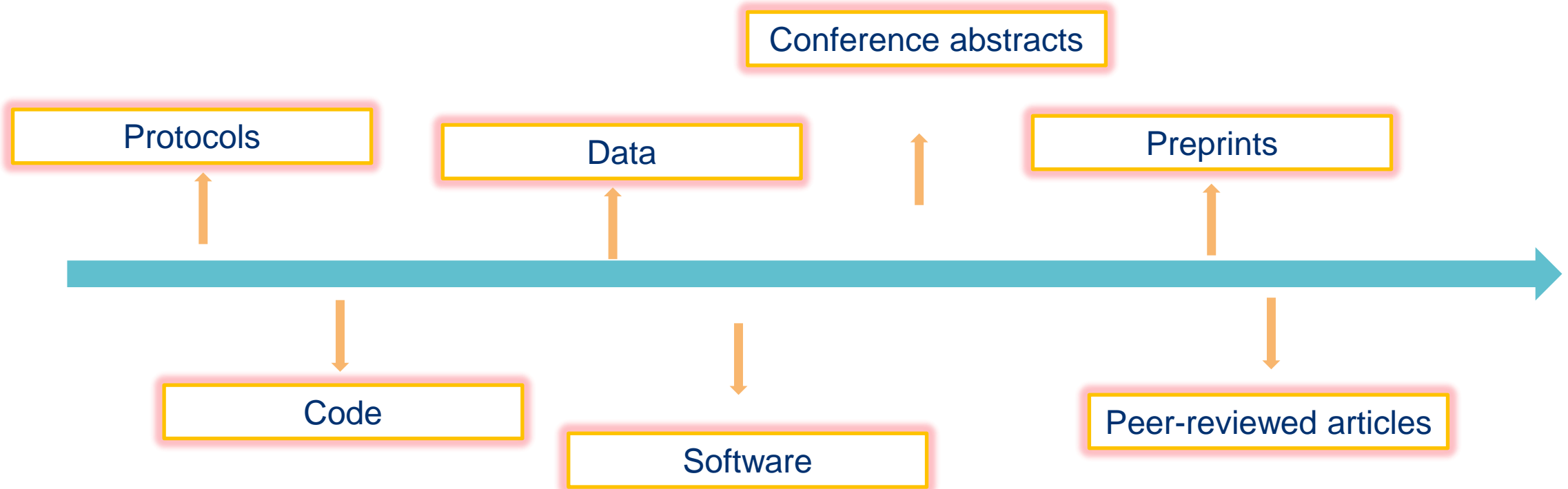
A little about me

- Background:
 - Biology
 - Epidemiology
- Previously worked
 - At BioMed Central helping to run ISRCTN clinical trials registry
 - In Wellcome's Population Health funding team
- Currently working in the Open Research team at Wellcome

Current publishing landscape

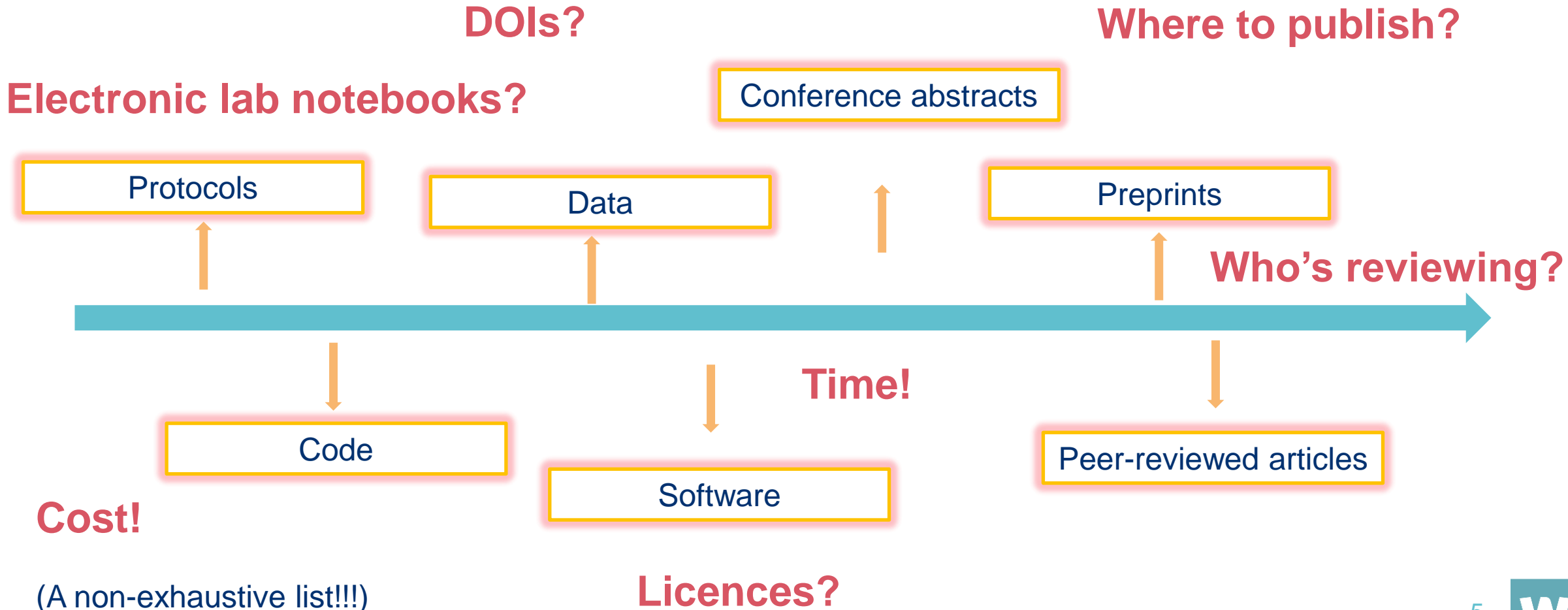
- There are many types of open access publishing, including:
 -  **Gold:** published in a fully-OA journal
 -  **Hybrid:** published in a toll-access journal, available on the publisher site, with an OA license
 -  **Bronze:** published in a toll-access journal, available on the publisher site, without an OA license
 -  **Green:** published in a toll-access journal and the only fulltext copy available is in an OA repository
 -  **Closed:** everything else

What can you publish in research?

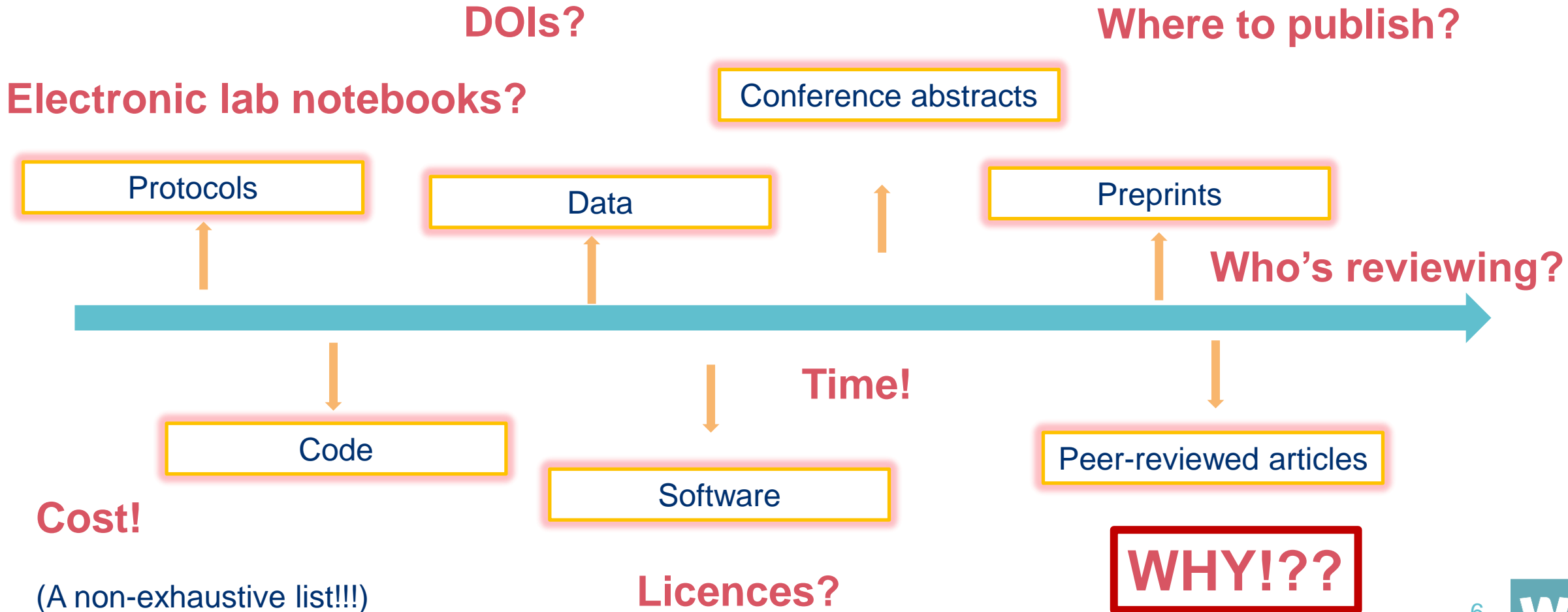


(A non-exhaustive list!!!)

What do you need to think about to publish in research?



What do you need to think about to publish in research?



Why publish openly?

- Reproducibility
- Trust
- Re-usability
- Maximising value
- Maximising the speed of discovery & public benefit
- Establish provenance

The big one for many people...

- Career progression – but are we there yet...?

Wellcome's place in the open research landscape

For Wellcome, it's important that knowledge and discoveries resulting from our funding are shared, accessed and used in a manner that maximises health benefit.

- This can mean through appropriate **use of intellectual property**
- Also means through ensuring the **outputs of research are accessed and used** to their full potential



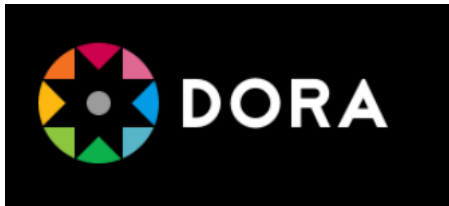
Wellcome's place in the open research landscape

- The open research landscape is rapidly changing and considerable barriers remain.
- Key priorities are to work towards a world where:
 - Research outputs are **F**indable, **A**ccessible, **I**nteroperable and **R**eusable (FAIR)
 - Researchers are equipped, empowered and motivated to make research outputs open
- Different communities/disciplines/regions are at very different points on the journey!

Wellcome's place in the open research landscape

Major collaborative initiatives include

- cOAlition S – aligning funder open access policies globally
- DORA - worldwide initiative developing and promoting best practice in the assessment of scholarly research
- WHO Statement on Clinical Trials Transparency



www.sfdora.org



www.coalition-s.org



<https://www.who.int/news/item/18-05-2017-major-research-funders-and-international-ngos-to-implement-who-standards-on-reporting-clinical-trial-results>

Wellcome's place in the open research landscape

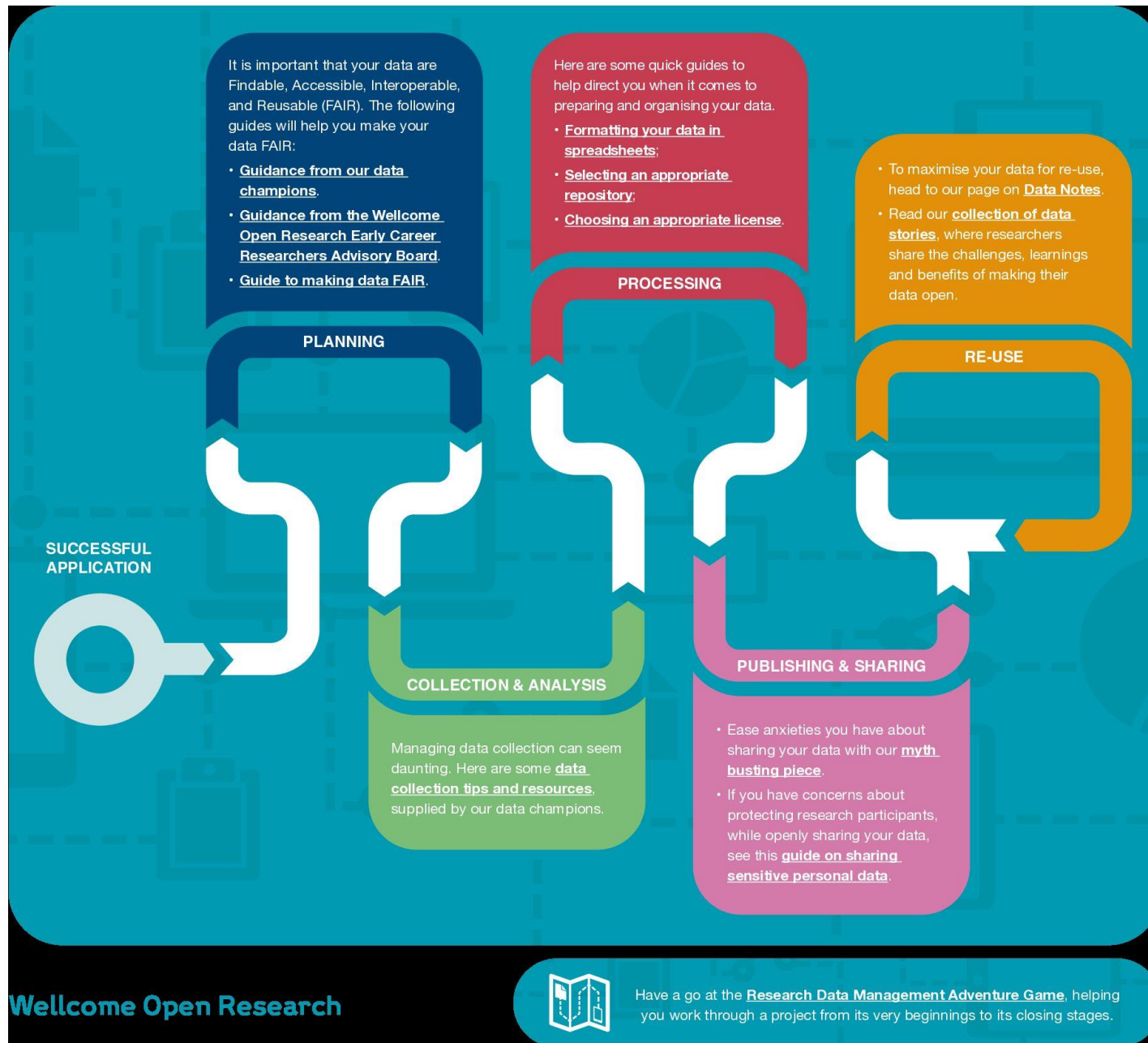
Some of our other activities:

- Lots of work around the updated open access policy!
- Incentives, recognition and reward for openness
- Outputs management plans in grant applications
- Funding opportunities for pilot projects
- Work with other teams across Wellcome to fund larger initiatives
- Statements and action at key times e.g. Zika, COVID

Wellcome Open Research's Early Career Researcher Advisory Board:

Growing a culture of data sharing

<https://think.f1000research.com/ecrab-data-sharing/>



What can you do?

- Encourage your peers, supervisors, students
- Challenge poor practice
- Celebrate good practice
- Practice openness yourselves!
- Share the opportunities and challenges
 - Share with your funders, publishers, institutions
 - So we can work to support you!



Thank you!

a.macfarlane@wellcome.org

Thriving in the shifting landscape of scientific publishing

Prachee Avasthi, PhD
Associate Professor of Biochemistry & Cell Biology
Geisel School of Medicine at Dartmouth College

 @PracheeAC



June 24, 2021
UK Academy of Medical Sciences

ASAPbio

a 501(c)(3) promoting transparency & innovation in life sciences publishing



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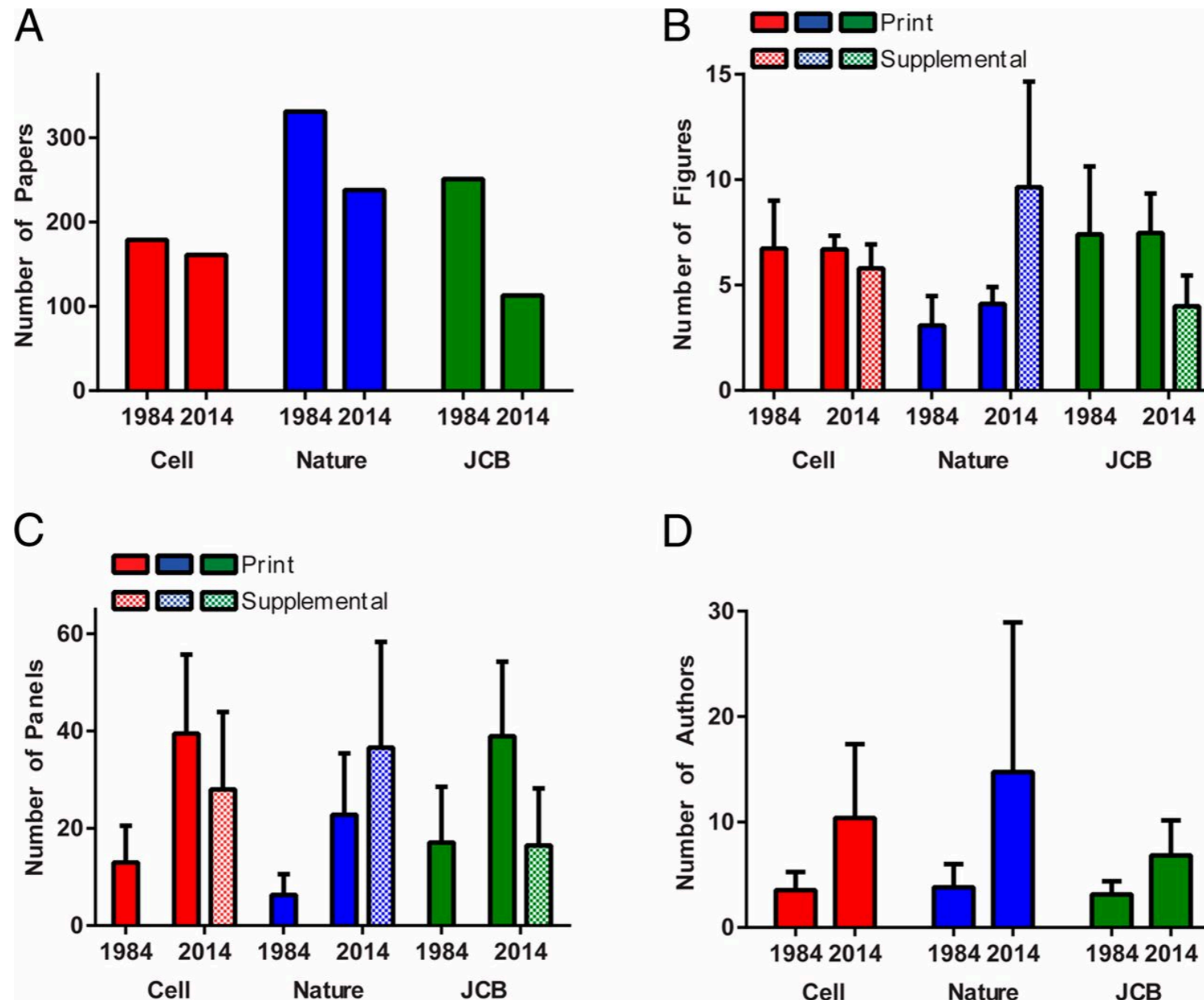
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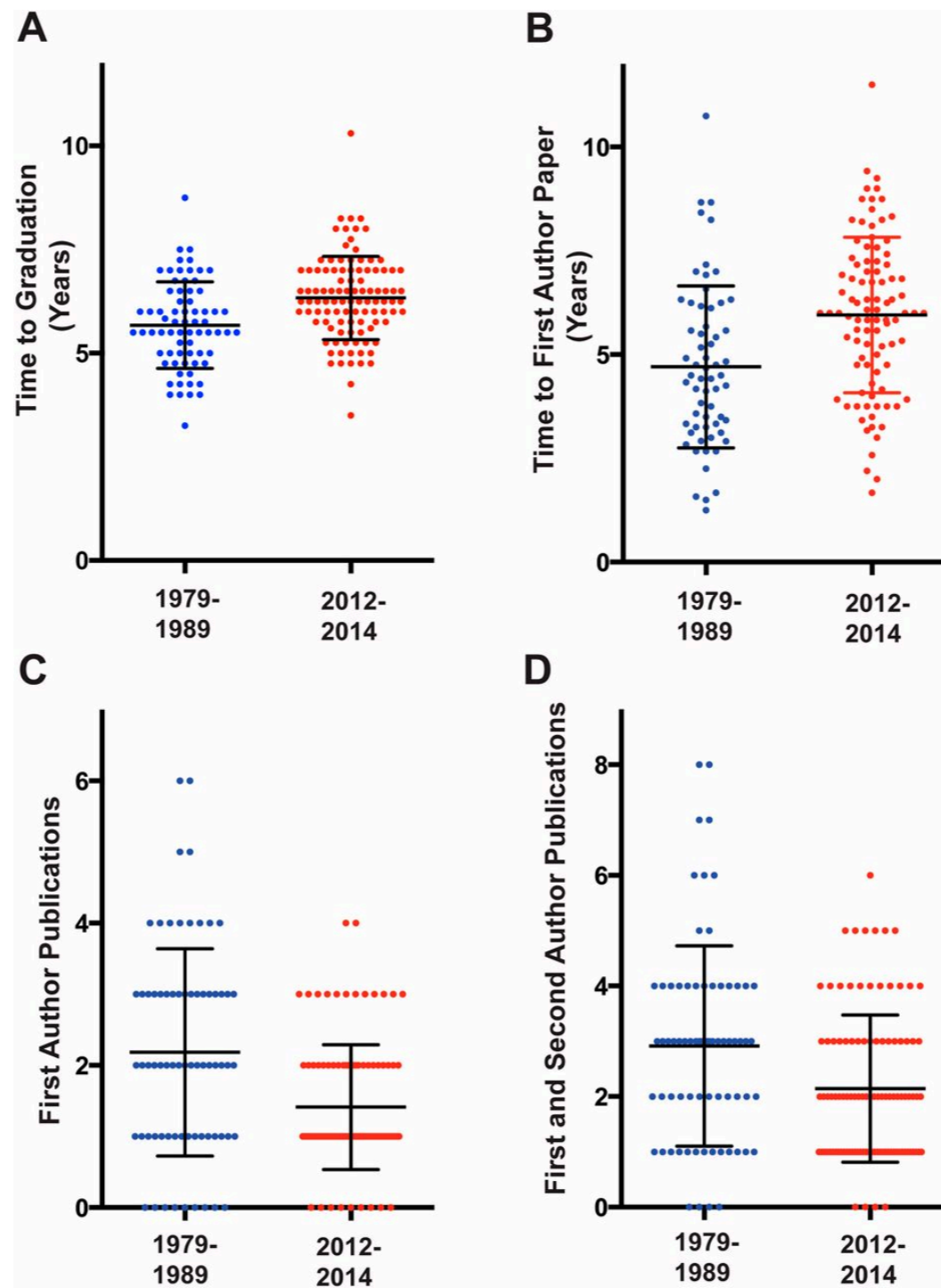
Disclosures
▶ ASAPbio *president*
eLife *director*
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THE PREPRINT SERVER FOR BIOLOGY

Support provided by the Open Society Foundations

Papers are getting longer and more bloated



Paper bloat is slowing careers

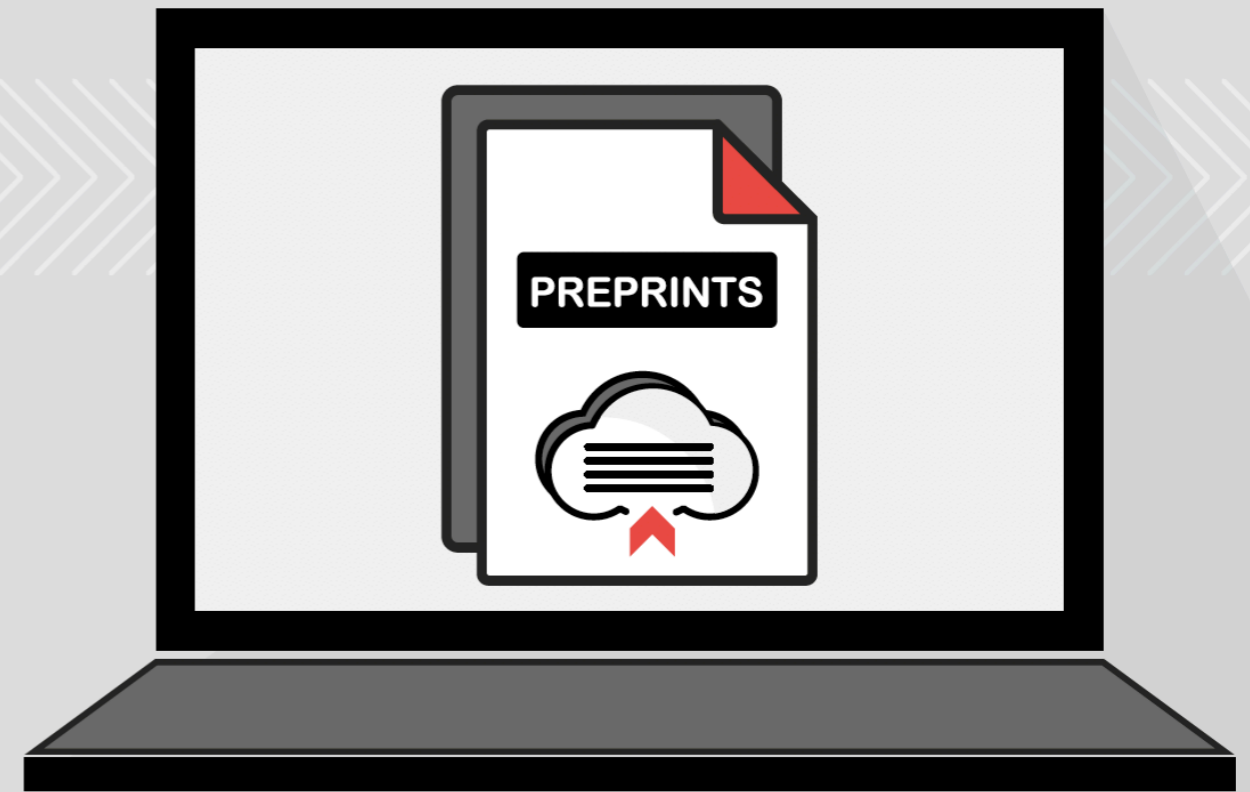


What is the alternative?

➤ Preprints

What are they?

A preprint is a **scientific manuscript** that is uploaded by the authors to a **public server** prior to peer review

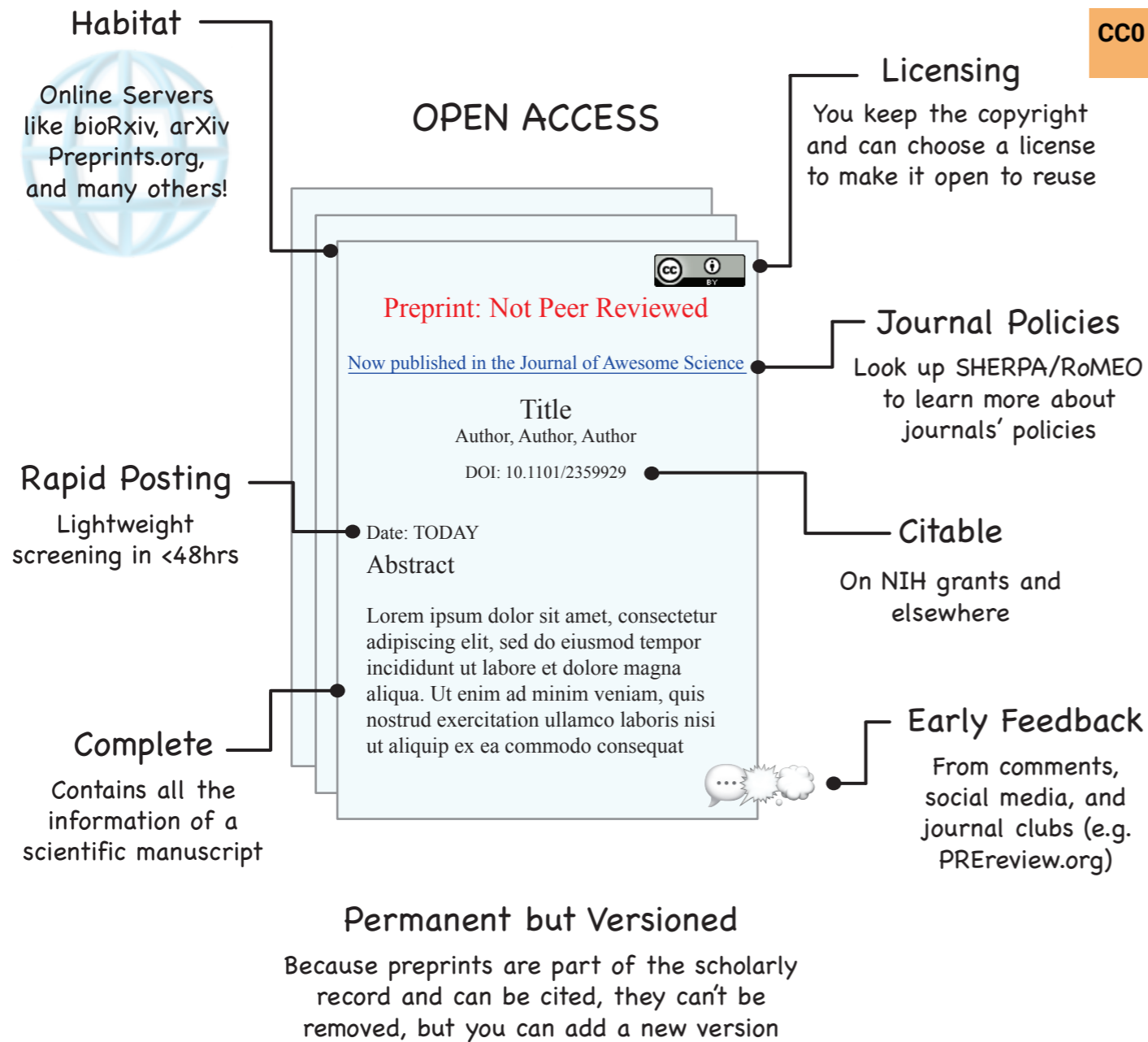


bioRxiv

THE PREPRINT SERVER FOR BIOLOGY

Anatomy of a preprint

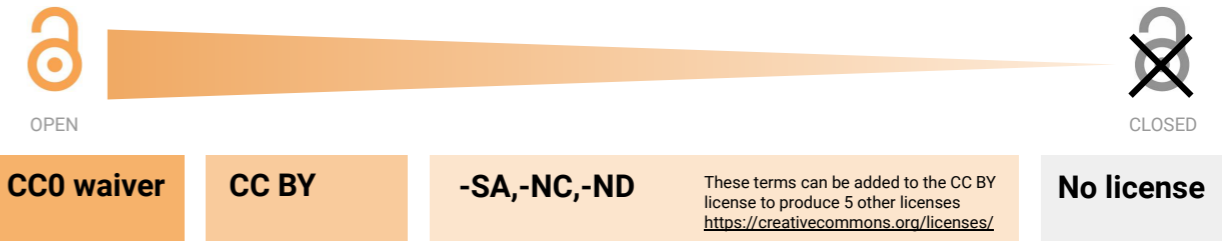
A version of your manuscript prior to editorial peer review



How open is your preprint?

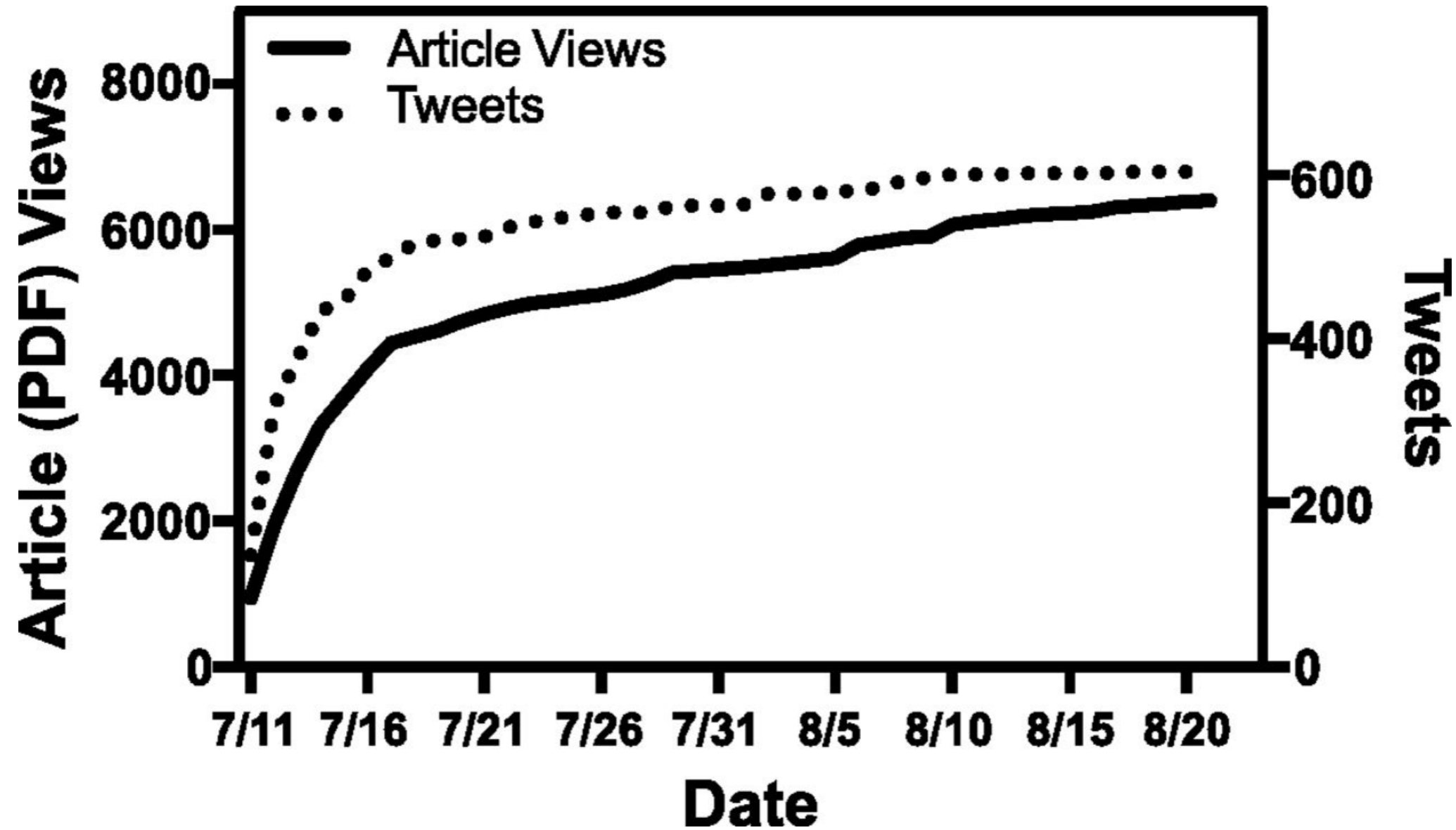
The license you choose has a big impact on how your work will be shared & reused.

The Creative Commons (CC) licenses described here break down the barriers to sharing by communicating rights and permissions up front with everyone.



★ **Journal Instructions for Authors!**

Preprints increase visibility



**Knowledge grows
only as fast as
shoulders to stand on**



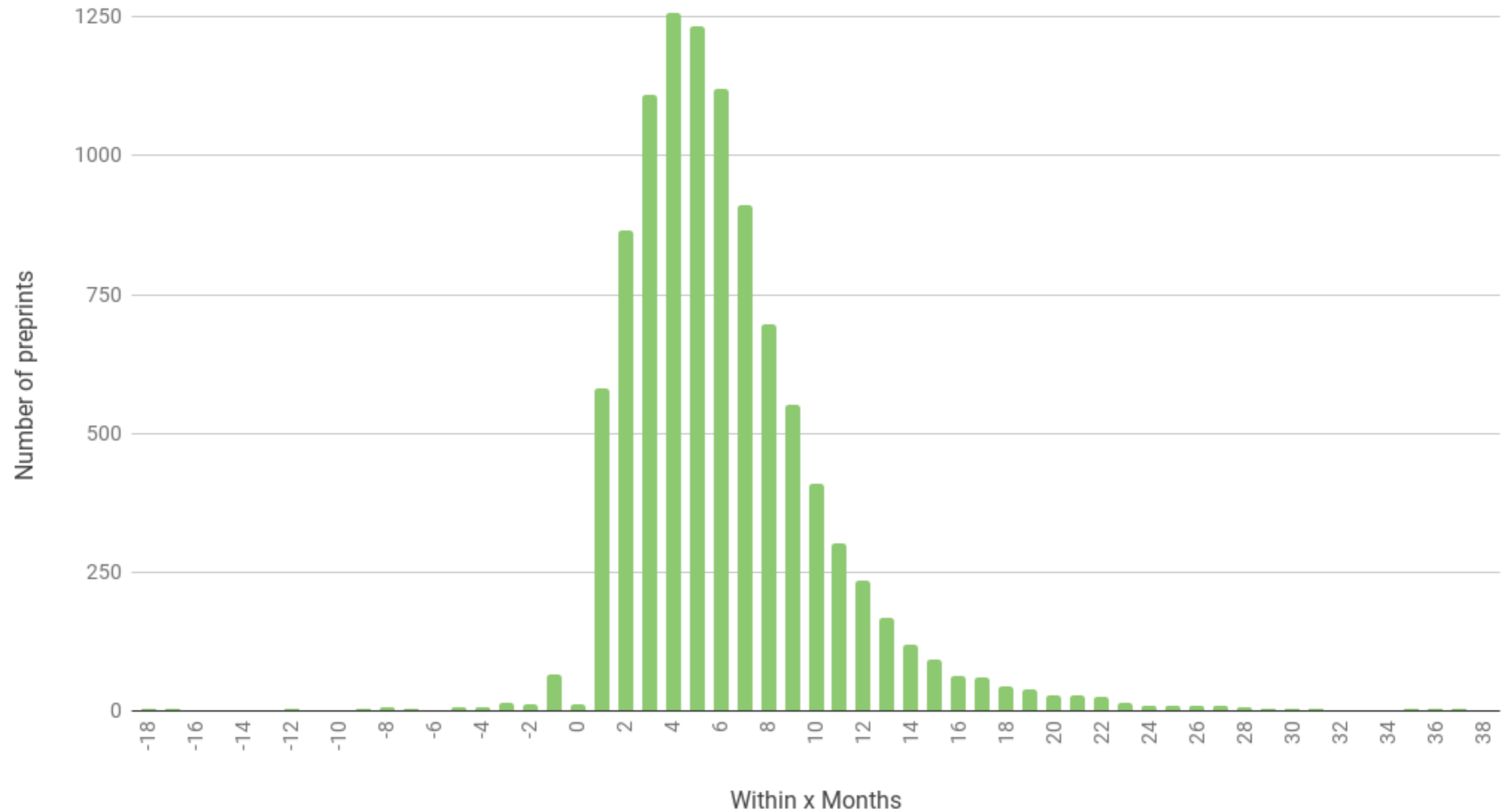
Photo by calafellvalo — CC BY-NC-ND

Preprints make work available almost immediately

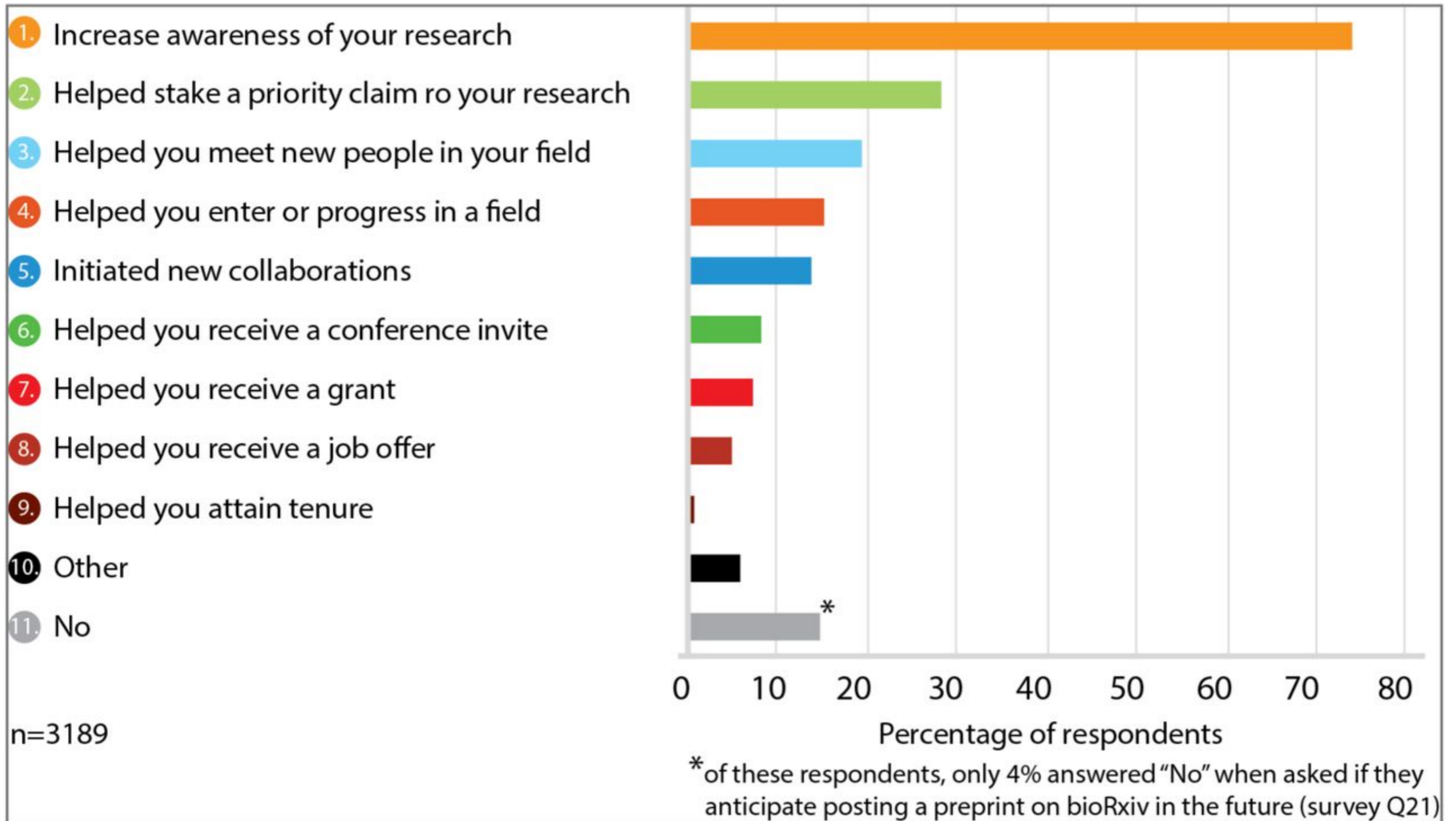


Median 4-5 months before journal publication (life sci)

Time between posting preprint and first publication of final peer reviewed paper



Benefits of Preprints



Funders like and allow preprints

NIH: Reporting Preprints and Other Interim Research Products; Notice Number: NOT-OD-17-050

Citing interim research products in applications, proposals and reports

Interim research products can be cited anywhere other research products are cited. These sections include the following:

- [R&R Other Project Information Form](#), Bibliography & References Cited
- [R&R Senior/Key Person Profile \(Expanded\) Form](#), Biographical Sketch
- [PHS 398 Research Plan](#), Progress Report Publication List
- [PHS 398 Career Development Award Supplemental Form](#), Progress Report Publication List
- [PHS Fellowship Supplemental Form](#), Progress Report Publication List
- RPPR, section C - Products



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News

We now accept preprints in grant applications

As of January 2017, we will permit researchers to cite preprints, or pre-peer reviewed manuscripts, in their grant applications and end-of-grant review reports.

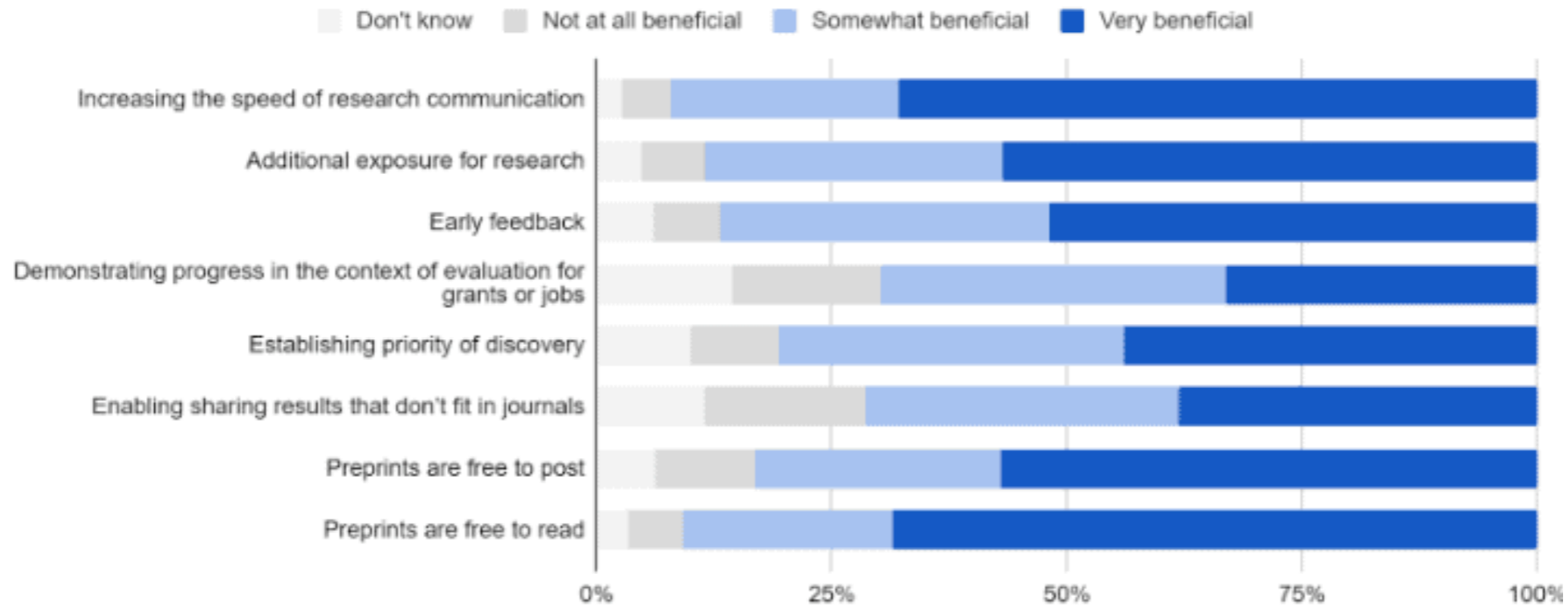
Preprints for all disciplines, languages, & communities



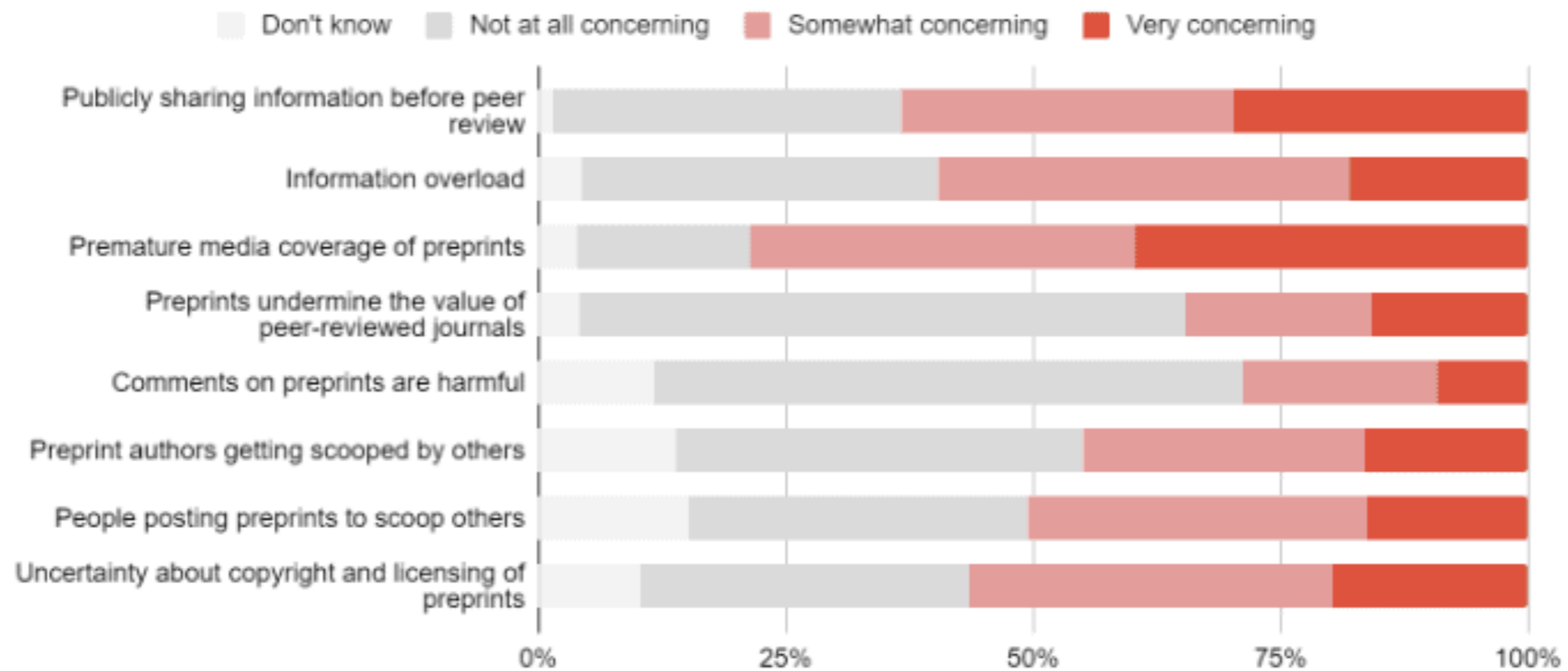
Image compiled by Jeroen Bosman (@jeroenbosman) via Bianca Kramer (@MsPhelps)

Benefits and Concerns About Preprints

Benefits of preprinting



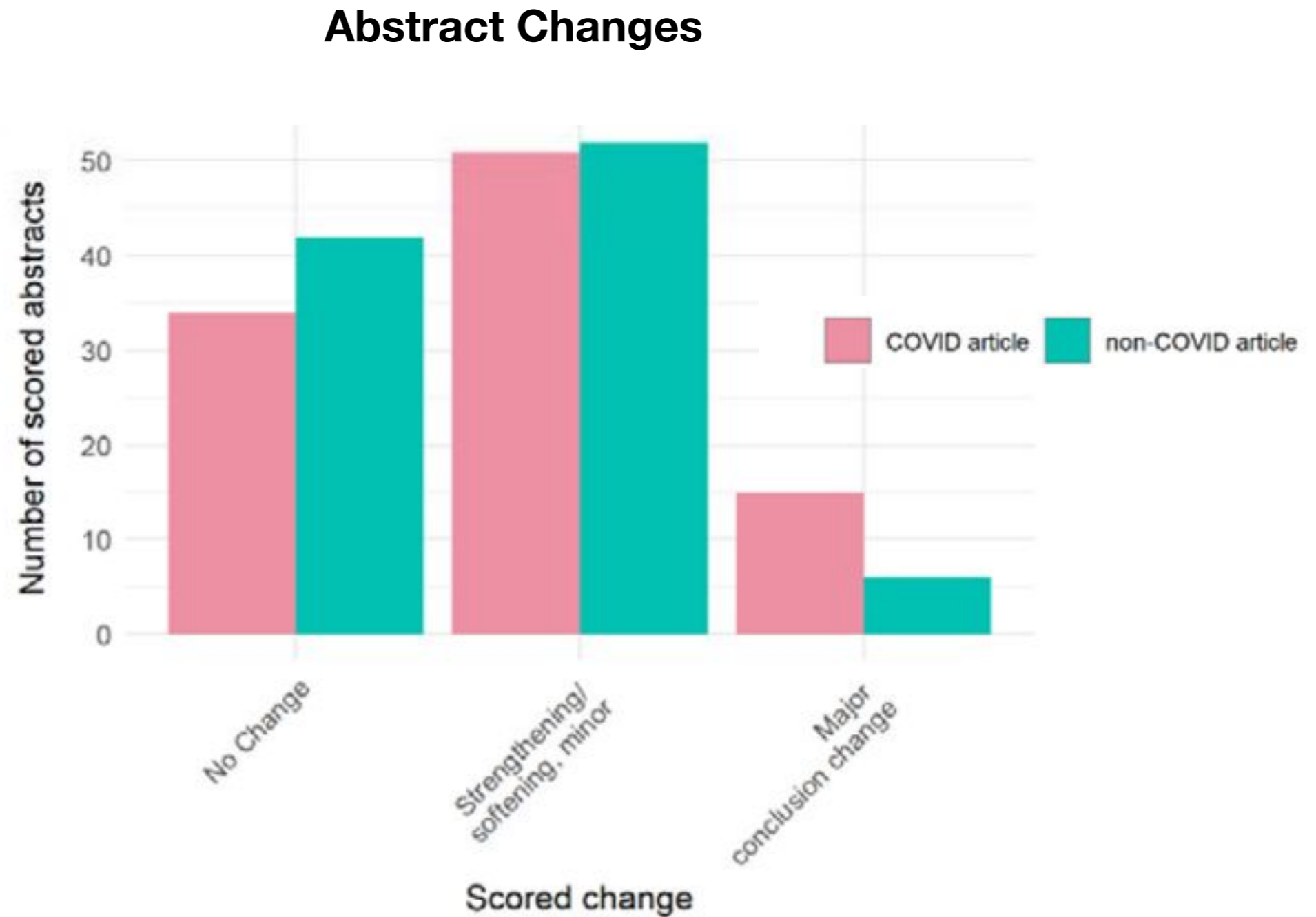
Concerns about preprinting





How can we mitigate risks of mis/disinformation from preprints?

How much do preprints changes between first posting and journal publication?



Preprints in motion: tracking changes between posting and journal publication

Jessica K Polka, Gautam Dey, Máté Pálffy, Federico Nanni, Liam Brierley, Nicholas Fraser, Jonathon Alexis Coates

bioRxiv 2021.02.20.432090; doi: <https://doi.org/10.1101/2021.02.20.432090>

Preprints in the public eye

Best practices for labeling preprints

Explaining peer review and preprints to journalists and non-specialists

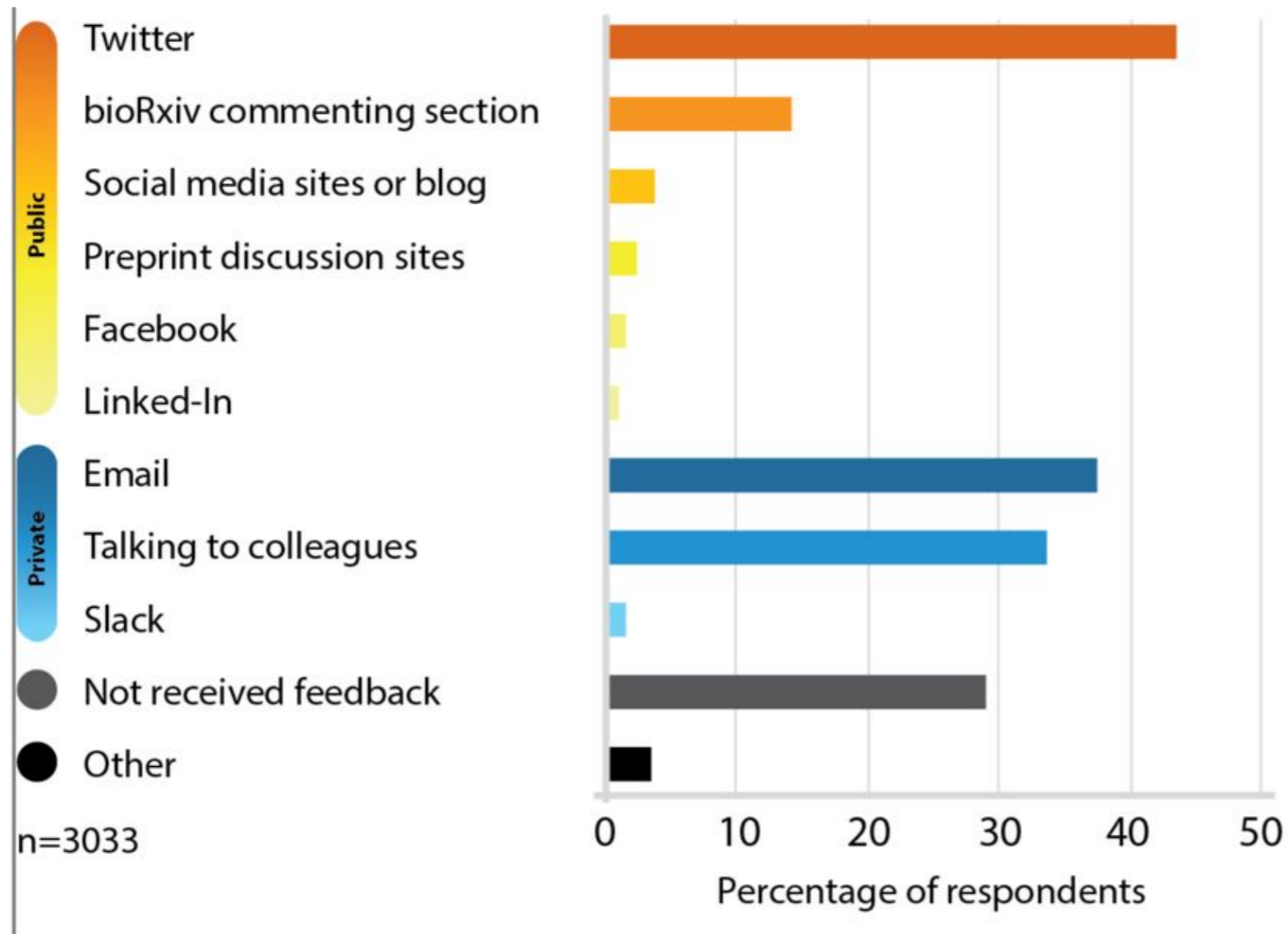
<https://asapbio.org/preprints-in-the-public-eye>



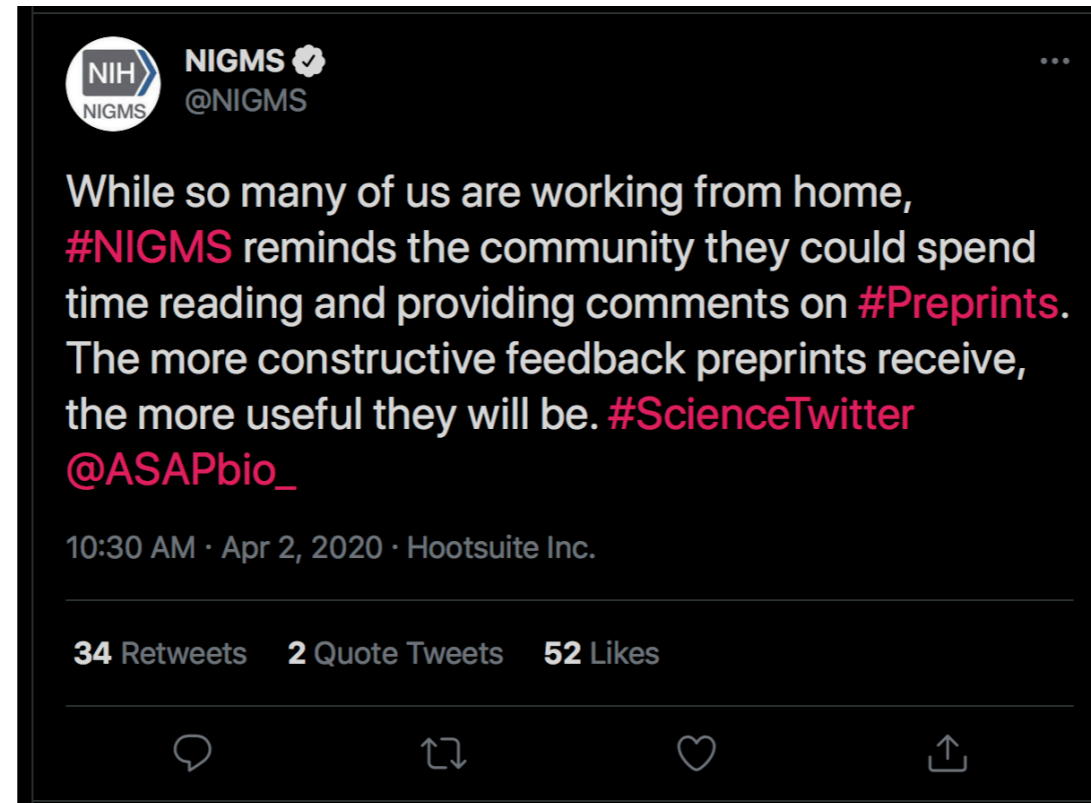


**What is the nature
of preprint feedback?**

Feedback is not just in the comment section



Funder, publishers calls for preprint review



<https://twitter.com/NIGMS/status/1245720201741709312>

Scholarly publishers are working together to maximize efficiency during COVID-19 pandemic

April 27, 2020 by [Claire Redhead](#)



<https://oaspa.org/scholarly-publishers-working-together-during-covid-19-pandemic/>

A better model



We, the authors, **publish** on a preprint server when we are ready

ReimagineReview

Search projects

A project of ASAPbio

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Find review projects by research output reviewed



Preprints



Journal accepted manuscripts



Privately shared manuscripts



Other scholarly outputs

View all registered projects

reimagineview.asapbio.org

Discover peer review projects

The community/
peer reviewers
perform post-
publication peer
review



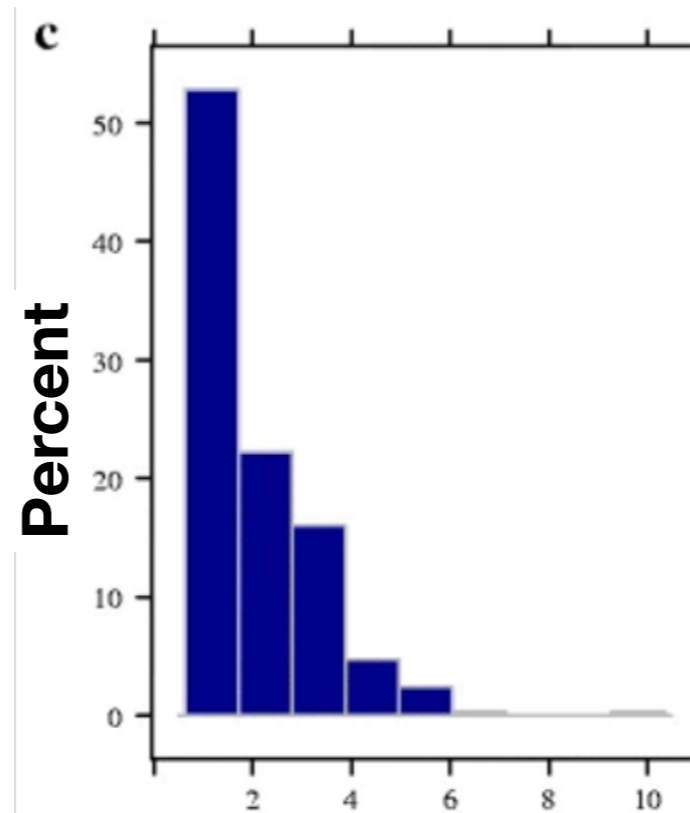
Goals:

1. Reducing cycles of re-review
2. More constructive review
3. Transparency

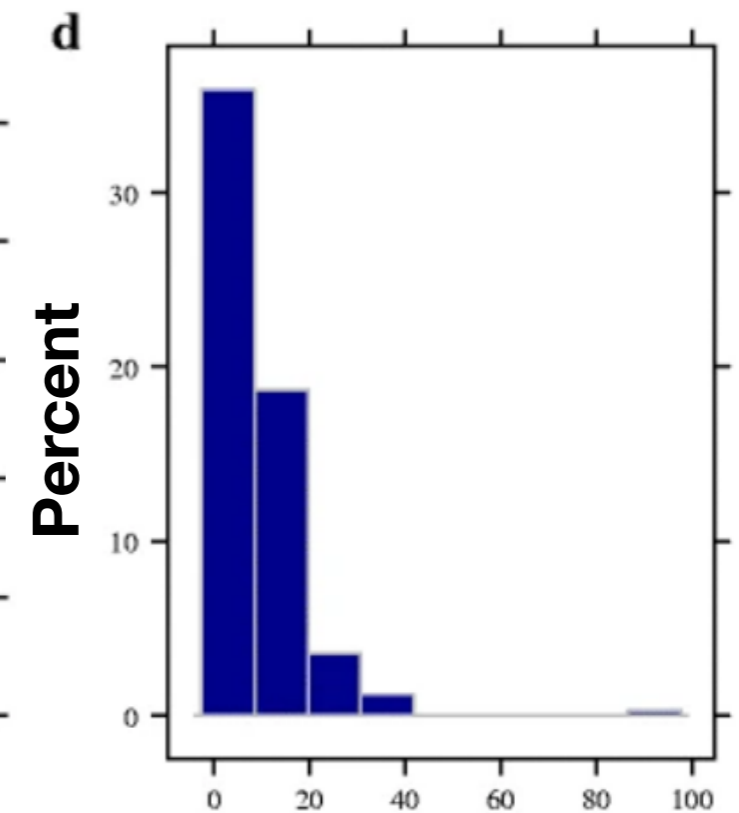
Duplicated peer review wastes time and resources

15 million hours
are wasted each
year on duplicate
peer review

<https://www.aje.com/en/arc/peer-review-process-15-million-hours-lost-time/>



Submissions
necessary prior to
acceptance



Times from first
submission to
publication (months)

Review COMMONS



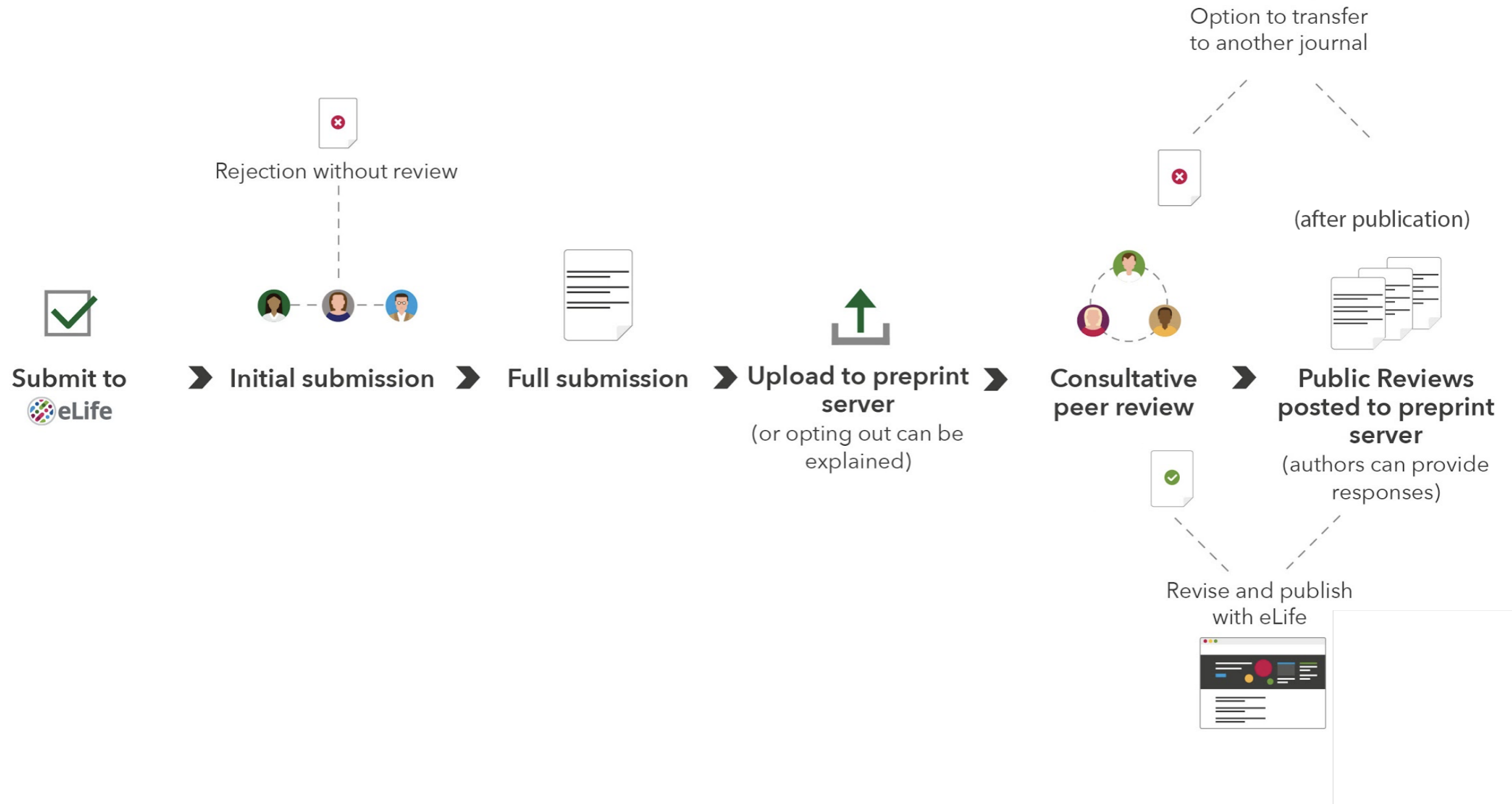
Benefits

- Papers are evaluated as they stand.
- Faster dissemination.
- No serial re-reviewing cycles.
- Improved transparency.

98%
Manuscripts
accepted by affiliate
journals that had no
new peer reviewers



Preprint review and public posting of reviews of all papers at eLife

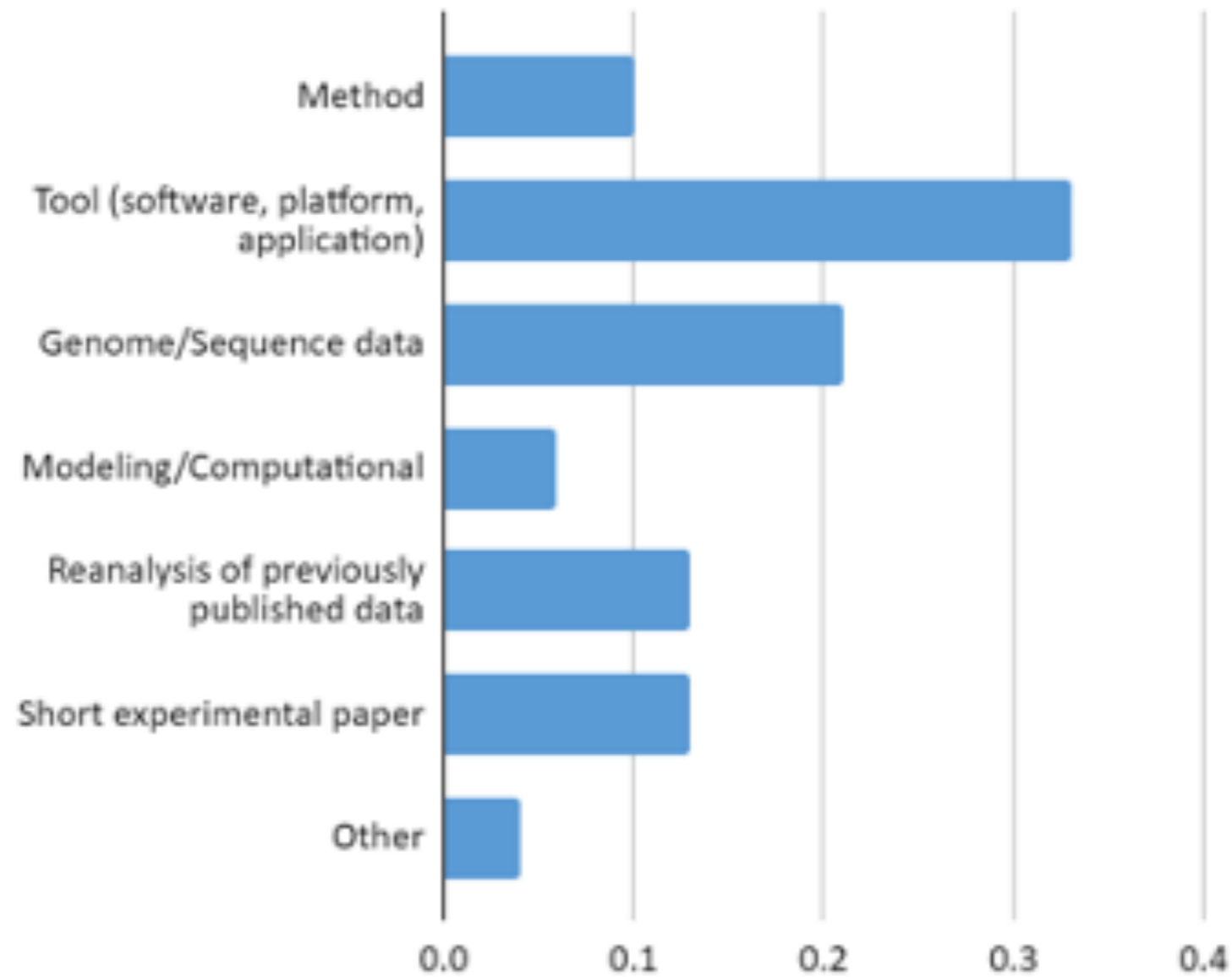




What does the future
of preprints look like?

Preprints beyond the traditional journal article

100 shortest papers on bioRxiv



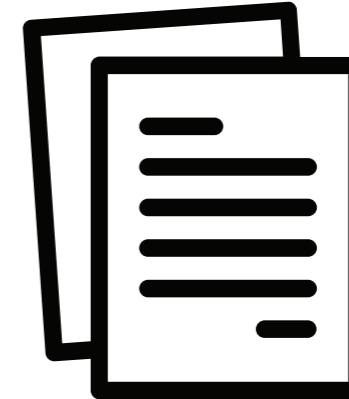
My workflow

Preprint v2.0

+

Journal Submission

Preprint



Seminar

Conference talk

Virtual symposium poster

Seminar

Journal Club

Seminar

Seminar



Think outside the box,
not just in your science

My Preprint Advocacy Journey

Watched ASAPbio meeting from my sofa

Organized ASAPbio Session ASCB

Started Preprint JC + TOLD EVERYONE

Joined boards of ASAPbio, PREreview, eLife

Elected President ASAPBio

Take Home Messages

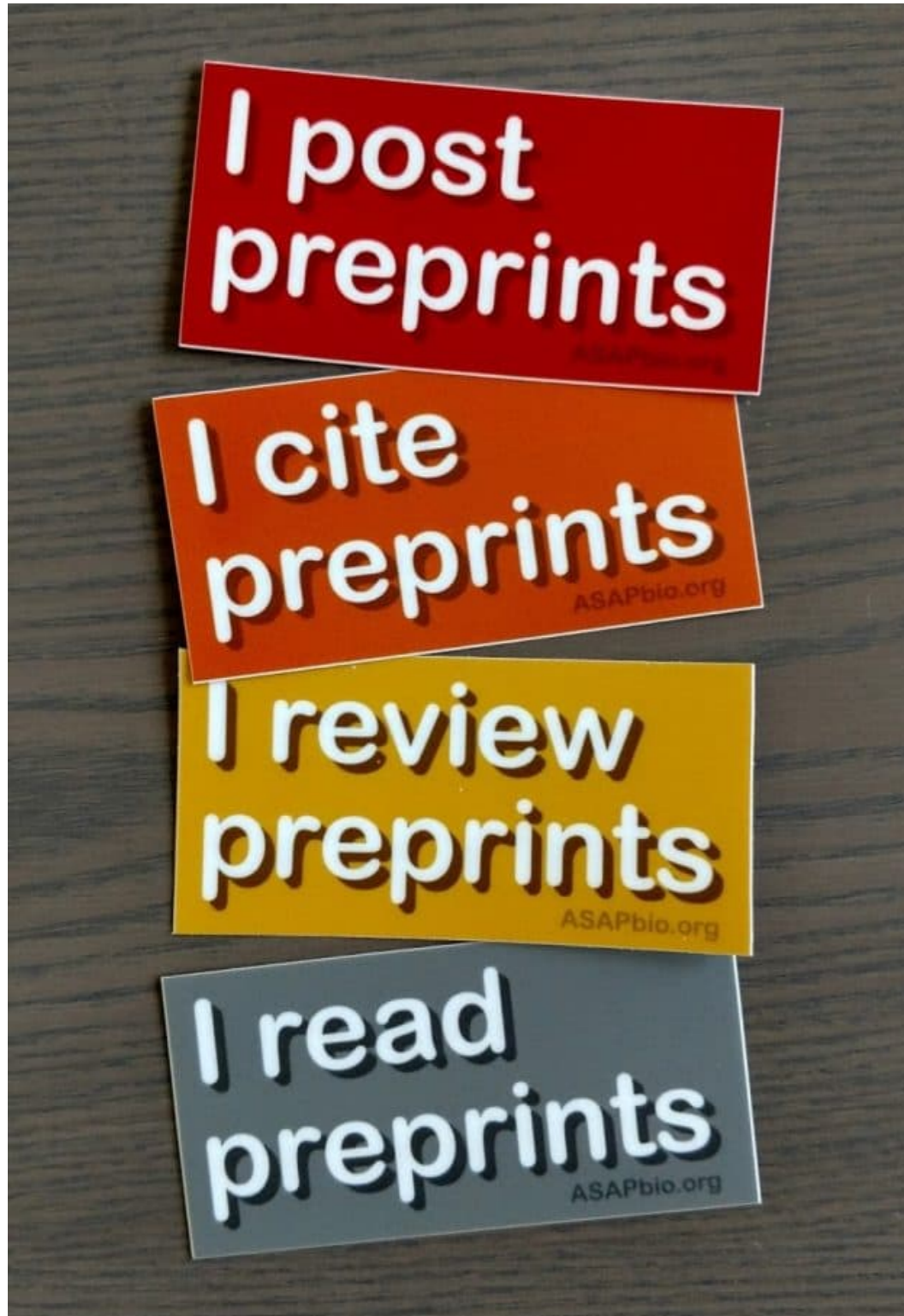
Share your work early (for free!)

Be proactive in seeking (and giving) feedback

You can create change around you

Reclaim joy!

Questions?



asapbio.org

prachee.avasthi@dartmouth.edu

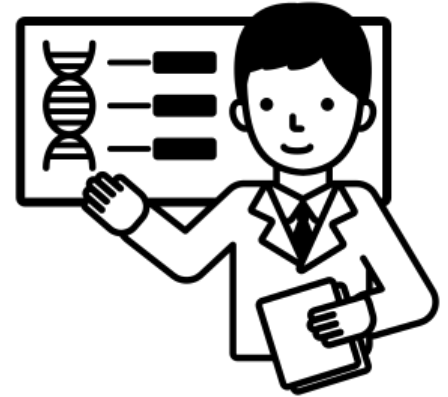
 [@PracheeAC](https://twitter.com/PracheeAC)

Publish Faster

Paul Wicks, PhD

Paul Wicks? Who he? Independent Consultant

- Academia in ALS/MND -> 20 years in digital health (PatientsLikeMe)
- Independent Consultant - Medical Affairs Strategy for 6x companies (Ada, Woebot, Kheiron, Constant Therapy, Thread, Bold Health)
- 163 publications and 6 book chapters
- Work cited >5,000 times with Google Scholar H-Index of 39
- Publications in top journals include 4 pieces in Nature Biotechnology (Impact Factor (IF): 37), 1 in Nature Reviews Neurology (IF: 27), 10 in the BMJ (IF: 30), 8 in BMC Medicine (IF: 9), and 7 in Neurology (IF: 8).
- Editorial board member
 - The BMJ, BMC Medicine
 - Journal of Medical Internet Research (JMIR), The Patient, Digital Biomarkers



Timeline of My First Peer-Reviewed Article

	2002	2003	2004	2005	2006	2007	2008	2009
<i>Grant Awarded & Researcher Recruited</i>								
<i>Data Collection</i>								
<i>Brain</i> (Impact Factor 11.337)								
<i>Archives of Neurology</i> (Impact Factor 13.608)								
<i>Neurology</i> (Impact Factor 8.055)								
<i>Annals of Neurology</i> (Impact Factor 9.037)								
<i>Lancet Neurology</i> (Impact Factor 30.039)								
<i>JNNP</i> (Impact Factor 8.234)								
<i>Journal of Neurology</i> (Impact Factor 3.783)								

Publish Or Perish - The Motto, The Software

Publish or Perish (macOS GUI Edition)

Folder name: My searches

Search terms: Paul Wicks - Wicks Digital... Source: Google S... Pa... Ci... Cit... h g hl... hl... ac... Search date: 03/03/2021 Cache date: 03/03/2021 La... 0

Google Scholar Profile search

Profile name: Find a profile... Paul Wicks - Wicks Digital Health Search

Profile ID: NcT-9asAAAAJ ALS Internet neuropsychology "online communities" Search Direct

Annual citations:

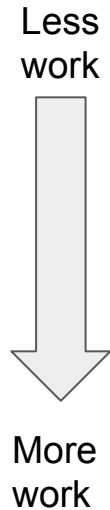
Year	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
New	19	27	85	138	277	307	401	455	511	534	528	581	619	135
Total	126	153	238	376	653	960	1361	1816	2327	2861	3389	3970	4589	4724

Copy citations

Results

	Cites	Per year	Ra... ^	Authors	Title	Year	Publication
Publication years: 2003-2021	h 625	56.82	1	P Wicks, M Mass...	Sharing health data for better outcomes on PatientsLikeMe	2010	Journal of medic...
Citation years: 18 (2003-2021)	h 330	33.00	2	P Wicks, TE Vaug...	Accelerated clinical discovery using self-reported patient...	2011	Nature biotechno...
Papers: 247	h 162	27.00	3	T Richards, A Co...	Time to deliver patient centred care	2015	Bmj
Citations: 4724	h 151	15.10	4	J Frost, S Okun,...	Patient-reported outcomes as a source of evidence in off...	2011	Journal of medic...
Cites/year: 262.44	h 144	12.00	5	CA Brownstein, J...	The power of social networking in medicine	2009	Nature biotechno...
Cites/paper: 19.13	h 129	14.33	6	P Wicks, DL Keini...	Perceived benefits of sharing health data between peopl...	2012	Epilepsy & Behavi...
Authors/paper: 4.34	h 123	8.79	7	P Wicks, S Abrah...	Prevalence of depression in a 12-month consecutive sam...	2007	European journal...
h-index: 37	h 118	16.86	8	P Wicks, J Stamf...	Innovations in e-health	2014	Quality of Life Re...
g-index: 66	h 117	16.71	9	VT Tran, M Harrin...	Adaptation and validation of the Treatment Burden Questi...	2014	BMC medicine
hl,norm: 17	h 115	19.17	10	P Wicks, E Chiau...	'Trust but verify'-five approaches to ensure safe medical...	2015	BMC medicine
hl,annual: 0.94	h 114	8.77	11	CA Smith, PJ Wicks	PatientsLikeMe: Consumer health vocabulary as a folkson...	2008	AMIA annual sym...
hA-index: 12	h 111	10.09	12	MR Turner, P Wic...	Concordance between site of onset and limb dominance i...	2010	Journal of neuro...
Papers with ACC ≥ 1,2,5,10,20:	h 102	11.33	13	C Alston, L Paget...	Communicating with patients on health care evidence	2012	NAM Perspectives
90,73,43,18,4	h 97	24.25	14	CA Beck, DB Ber...	National randomized controlled trial of virtual house calls...	2017	Neurology
Copy Results	h 87	10.88	15	AK Banerjee, S O...	Patient-Reported Outcome Measures in Safety Event Rep...	2013	Drug Safety
Save Results	h 75	6.25	16	P Wicks, S Abrah...	SOD1 and cognitive dysfunction in familial amyotrophic la...	2009	Journal of neuro...
Frequently Asked Questions	h 72	7.20	17	P Wicks, M Mass...	Use of an online community to develop patient-reported...	2011	Journal of medic...
Training resources	h 66	5.08	18	JH Frost, MP Mas...	How the Social Web Supports patient experimentation wi...	2008	AMIA Annual Sym...
YouTube channel	h 65	9.29	19	CD Mullins, J Van...	Patient-centeredness in the design of clinical trials	2014	Value in Health
	h 64	10.67	20	E Vayena, R Brow...	Research led by participants: a new social contract for a...	2015	Journal of medic...
	h 61	8.71	21	P Wicks, T Vaugh...	Subjects no more: what happens when trial participants r...	2014	Bmj
	h 61	5.08	22	P Wicks, MP Mas...	Measuring function in advanced ALS: validation of ALSF...	2009	European Journal...
	h 61	5.08	22	P Wicks, MP Mas...	Measuring function in advanced ALS: validation of ALSF...	2009	European Journal...

What Type of Studies?



- Editorials
- Retrospective analysis of existing data
- Systematic reviews of the field
- Prospective usability & acceptance study
- Prospective analysis of simulated data
- Prospective real-world RCT deployment

Editorial Hack #1 - A Good Review

“REVIEWER #2: For many decades it was a widely held belief that while the motor neurons degenerated in ALS, cognition and the brain were spared. Whether this was masked by disability or merely wishful thinking, it is clearly known not to be the case now, and the discovery of C9ORF72 causing ALS and/or FTD put the final nail in the coffin of this collective error. As recognition of the issue developed, calls went out for a rigorous, standardized, but brief instrument with which to assess cognition in a way that took physical disability into account.

The authors of the current study have developed such a tool, the ECAS, and have deployed it in a large multicenter study to answer an important question that has remained a topic of debate for many years; does cognitive functioning deteriorate with the rest of disease progression? This is a large and well-designed study which addresses a key question for clinicians and researchers far more conclusively than earlier, smaller, efforts.”

Reviewed January 2018

Neurology[®] | The most widely read and highly cited peer-reviewed neurology journal

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SHARE October 09, 2018; 91 (15) EDITORIAL

It's time to stop saying “the mind is unaffected” in ALS
Paul Wicks, Steven M. Albert
First published September 12, 2018, DOI: <https://doi.org/10.1212/WNL.0000000000006303>

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Check for updates Am score 49

Article Figures & Data Info & Disclosures

When Professor Stephen Hawking died in March 2018 after living with amyotrophic lateral sclerosis (ALS) for 55 years, the obituaries rightly celebrated a brilliant mind trapped in a failing body. Unfortunately, this shorthand description of ALS (found throughout the medical and lay literature alike) is firmly contradicted by a research base that finds frontotemporal dementia in 10% to 15% of cases and subtle cognitive deficits in 33% to 50%.¹ In this issue of *Neurology*[®], Crockford et al.² report a large and carefully controlled study of 161 patients with ALS across 3 centers with 80 matched healthy controls to address a question that has puzzled the field for 40 years: are the cognitive and behavioral symptoms in ALS more prevalent at more advanced stages of disease?

Published October 2018

Editorial Hack #2 - Timely Controversy



OBSERVATIONS

CLINICAL TRIALS

Subjects no more: what happens when trial participants realize they hold the power?

 OPEN ACCESS

Patients will hold us all accountable in new and necessary ways

Paul Wicks *vice president of innovation*, Timothy Vaughan *director of data science*, James Heywood *cofounder and chairman*

PatientsLikeMe, Cambridge, MA 02141, USA

Wicks and Chiauuzi *BMC Medicine* (2015) 13:205
DOI 10.1186/s12916-015-0451-z



COMMENTARY **Open Access**



'Trust but verify' – five approaches to ensure safe medical apps

Paul Wicks* and Emil Chiauuzi

JOURNAL OF MEDICAL INTERNET RESEARCH Chiauuzi & Wicks

Editorial

Digital Trespass: Ethical and Terms-of-Use Violations by Researchers Accessing Data From an Online Patient Community

Editorial Hack #3 - Editorial boards

Car et al. *BMC Medicine* (2019) 17:143
<https://doi.org/10.1186/s12916-019-1382-x>



*Beyond Big Data to new Biomedical and Health Data
Science: moving to next century precision health*

BMC Medicine

EDITORIAL

Open Access

Beyond the hype of big data and artificial intelligence: building foundations for knowledge and wisdom

Josip Car^{1†}, Aziz Sheikh^{2†}, Paul Wicks^{3*†} and Marc S. Williams^{4†}



BMC Medicine

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Commentary | [Open Access](#) | Published: 09 September 2020

Going on up to the SPIRIT in AI: will new reporting guidelines for clinical trials of AI interventions improve their rigour?

[Paul Wicks](#) , [Xiaoxuan Liu](#) & [Alastair K. Denniston](#)

BMC Medicine **18**, Article number: 272 (2020) | [Cite this article](#)

1064 Accesses | **7** Altmetric | [Metrics](#)

BMJ

ANALYSIS

SPOTLIGHT: PATIENT CENTRED CARE

Commentary: Measuring what matters: the case for patient generated PROMS

BMJ

EDITORIALS

SPOTLIGHT: PATIENT CENTRED CARE

Time to deliver patient centred care

We must harness the energy, insight and expertise of patients, carers, and the communities that support them to help drive change

Tessa Richards *senior editor, patient partnership*¹, Angela Coulter *director of global initiatives and Spotlight guest editor*², Paul Wicks *vice president of innovation and Spotlight guest editor*³

Editorial Hack #4 - Letters

COMMENT & RESPONSE

Conversational Agents in Health Care

To the Editor The Viewpoint by Dr McGreevey and colleagues¹ drew attention to the increasing use of conversational agents (CAs) in health care. However, they suggested a less mature field than we find in practice, and their call for CA-specific regulations risks creating confusion.

Although the field of CAs is nascent, it is more developed than the article might suggest, and recent systematic reviews of CAs have been setting clear standards and quality frameworks.^{2,3}

JAMA
The Journal of the
American Medical
Association

nature
biotechnology

Getting stem cell patients 'on the grid'

To the Editor:

The Editorial in your September issue, entitled "Off the grid," highlighted the risks of direct-to-consumer stem cell clinics and attempts by the US Food and Drug Administration (FDA; Rockville, MD) to enhance oversight of the sector¹. There is a dearth of clinical data collected on the thousands of patients undergoing treatments marketed as 'stem cells' around the world in unlicensed clinics. As researchers and advocate members of

the amyotrophic lateral sclerosis (ALS) community, we believe in patients' right to self-determination, but we have also despaired at how ALS patients have sometimes been exploited by individuals practicing bad medicine.

Some clinics that purport to have treated hundreds of ALS patients have not even taken the basic step of quantifying changes in progression by administering a 12-question clinical outcome measure like



Setting out your Stall: Theme for 3-5 papers

1. Define the problem: e.g. Analyse retrospective symptom data, review statistics in the literature, highlight the challenges, **define your view of “what good looks like”**
2. Share your protocol: e.g. Usability and acceptance testing of an app with a small sample or a simulation and how you upgraded it with feedback, **show your working and our rigorous processes**
3. Establish Feasibility: e.g. *in controlled conditions*, what sort of benefits, harms, and risks do you find? **Be realistic and adaptable**
4. Establish Efficacy: e.g. *in the real world*, what happens when you deploy this solution at greater scale? Compared to what? **Try and pre-empt the most obvious limitations**
5. Health economics: e.g. what is the cost/benefit of how your approach changes the economics workflow? **Key for reimbursement and business development case studies**

Where to Publish? - Overview of Journals

- There are some [20-30k medical journals](#) which vary widely in their quality, acceptance rates, credibility, turnaround times
- Audience
 - Who reads the journal? Do you? How many articles similar to the one you've written have they published? How many people downloaded them? How often do they get media pickup?
- Impact factor & Index
 - IF: Roughly, what is the average number of times that a given paper published in the last 2 years is cited by another paper?
 - IF>5 is widely used as “good” but many niche journals will have IF~2 and many newer journals will have none at all
 - Indexed on Pubmed? Web of Science? Google Scholar?



Where to Publish? - Overview of Journals



Journal of the British Interplanetary Society



Prestigious (“vanity”) journals have ~5% acceptance rates for research, much easier for editorials / news pieces, usually end up wasting time

Traditional society journals have ~30% acceptance rates and have high readership within your field. Typically slow, outdated systems, reluctance to preprint or engage in social media / comms

Niche: e.g. Digital health journals are growing in rigour and credibility. They understand your position from the get-go, but preach to the converted and have relatively little clinical readership at the moment - could take years to get an impact factor

Online mega-journals have ~50% acceptance rates, are online only, and accept valid work across fields; your study doesn't need novel findings (in fact they encourage negative findings) doesn't need to be high impact




Example Timeline from Repeated Rejection

- Not unusual for 2 year timeline from first draft to published PDF
- “Journal shopping” i.e. sending to NEJM / Nature and then letting it bounce down the impact factor list substantially adds to wait time
- Increasingly difficult to find peer reviewers to accept reviews
- Peer review takes from ~2-8 months (longer in COVID times)
- Responding to reviewers takes place at inconvenient times, and can be challenging coordinating co-authors or re-analyzing data
- Between acceptance and publication takes about 3 months

Where Can I Publish? - Turnaround Hacks

- Know your journals:
 - Where have we published before?
 - Develop an internal journal database
 - Check public turnaround times, check [SciRev](#)
- Presubmission enquiries - write to 3 target journals asking editor if within scope and preferred format; enthusiasm and speed of response is a good proxy for interest
- Preprints
 - Does the journal allow preprints? E.g. MedRxiv / JMIR
 - Grants can reference as soon as the work has been submitted
 - Can cite more easily in forthcoming papers

e.g. Targets for a Clinical Simulation Study

Name (Fee)	Scope / Readership	Journal type	Impact Factor + Indexed	Comments
Selected journal				
BMJ Open (\$2,200)	Clinical mega-journal	Open access online only	2.4, all major indexes	421 simulation studies More clinical, bit slower than JMIR, higher bar, preprints
Other possible journals				
BMC Health Services Research (\$2490.00)	"Broad scope public health journal"	Open access online only	1.9 (2018), all major indexes	400 simulation studies Abstract 350 words Quite slow (3m to first decision)
JMIR (\$2,500 +optional fast-track)	all aspects of digital health	Open access online only	4.9 + some sister journals have one	18 simulation studies If not high impact enough will get filtered to "cascade journal" 
npj Digital Medicine (2,290 euro)	all aspects of digital medicine	Online Open Access	Not yet	2 simulation studies Main text: 4,000-4,500 words. The abstract: 150 words, unreferenced. 15

Where Can I Publish? - Not Predatory Journals!

- High acceptance rates
- Poor peer review
- Minimal error checking, proofreading
- Not indexed, no impact factor
- High publication fees
- **Potentially damaging to our reputation**



The definition

The consensus definition reached was: “Predatory journals and publishers are entities that prioritize self-interest at the expense of scholarship and are characterized by false or misleading information, deviation from best editorial and publication practices, a lack of transparency, and/or the use of aggressive and indiscriminate solicitation practices.”

Where Can I Publish? - Predatory Phishing

From: (name of journal)
To: XY@institution.com
Subject: Upcoming Special Issue

Dear Dr/Mr. XY
Greetings from (name of journal)! → **Not easily distinguished from genuine journals/ publishers**

I am writing to introduce (name of journal), which is a newly launched journal by (name of publisher) from (name of country). → **Majority in low/middle income countries, but often claim addresses in US/UK**

We greatly acknowledge your research and contribution to the field of (name of research discipline).
We would like to invite you to submit a research manuscript to our Journal and to give us a chance to associate with an esteemed researcher like you.
→ **Often include flattering personalized greetings**

→ **Indexed in illegitimate abstracting and indexing services**

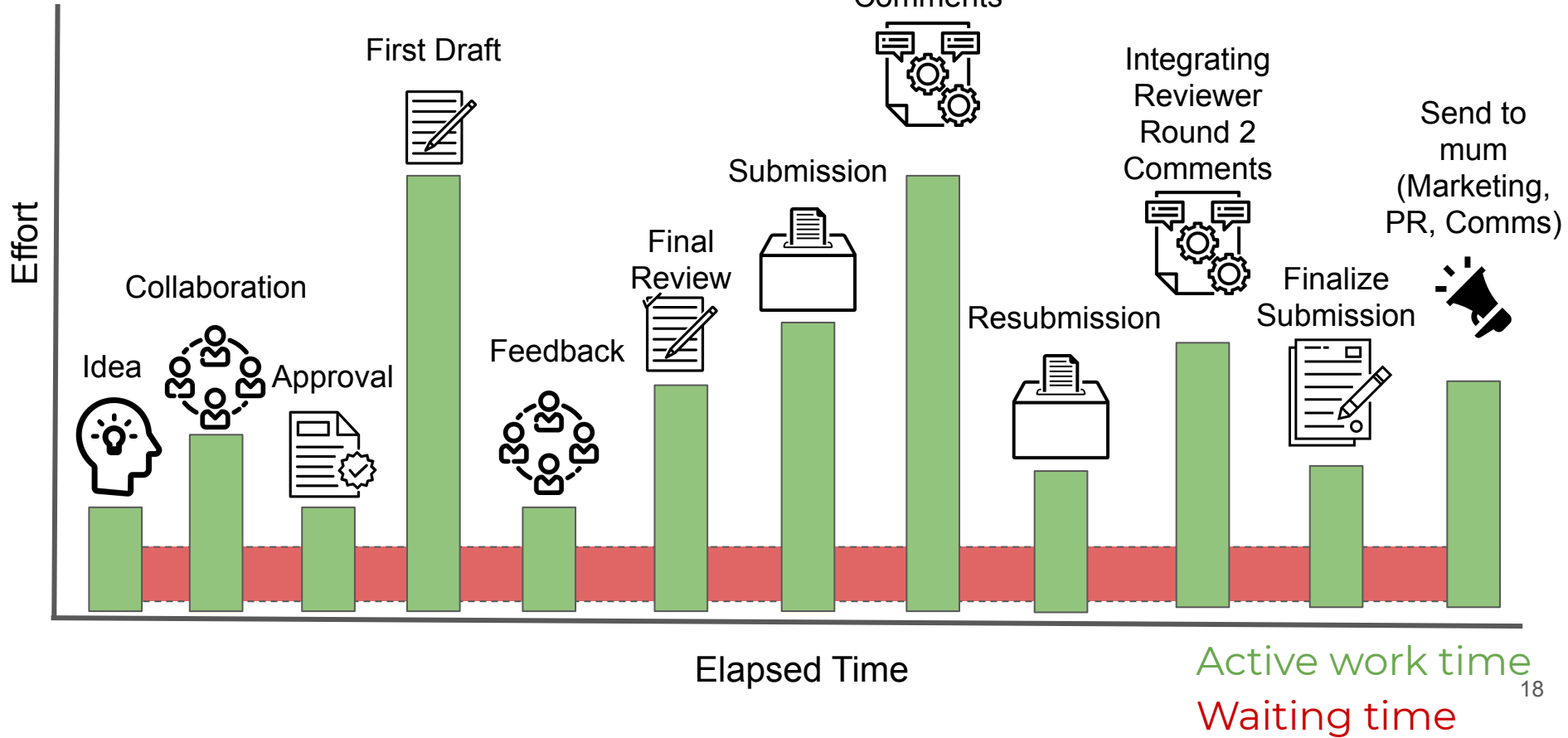
The Journal (indexed in *BioXYZ, ABC, Open J-Gate*) is planning to publish a special issue on the topic of (name of topic), and would like to request a contribution from you.

You can submit your manuscript either through email at (email address) or through our online submission system (link). If possible, we would appreciate your submission on or before (date). Kindly let us know your feasibility regarding submission to our Journal.

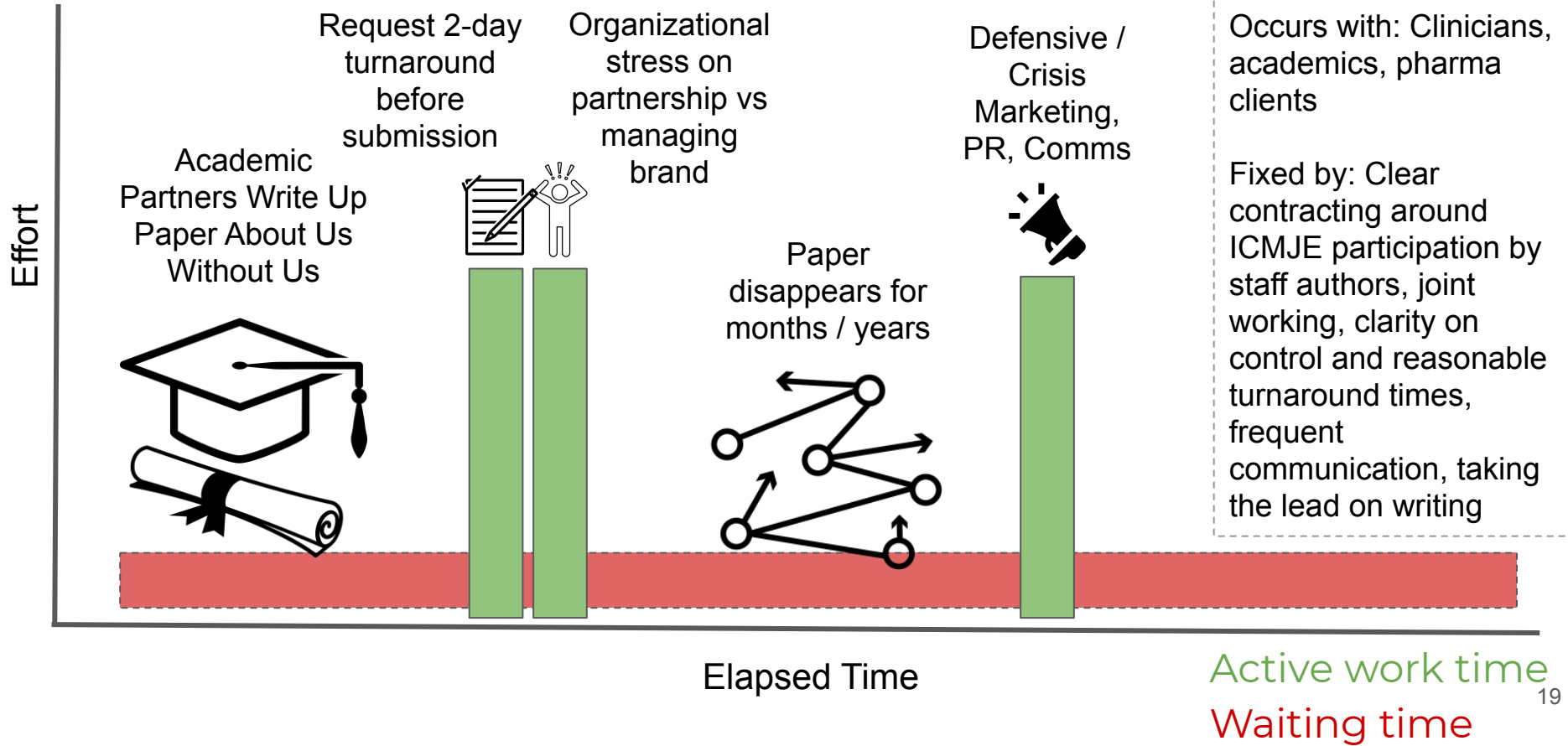
Kind regards,

XX Editor In Chief. → **No academic information provided about editor/staff/review board members**

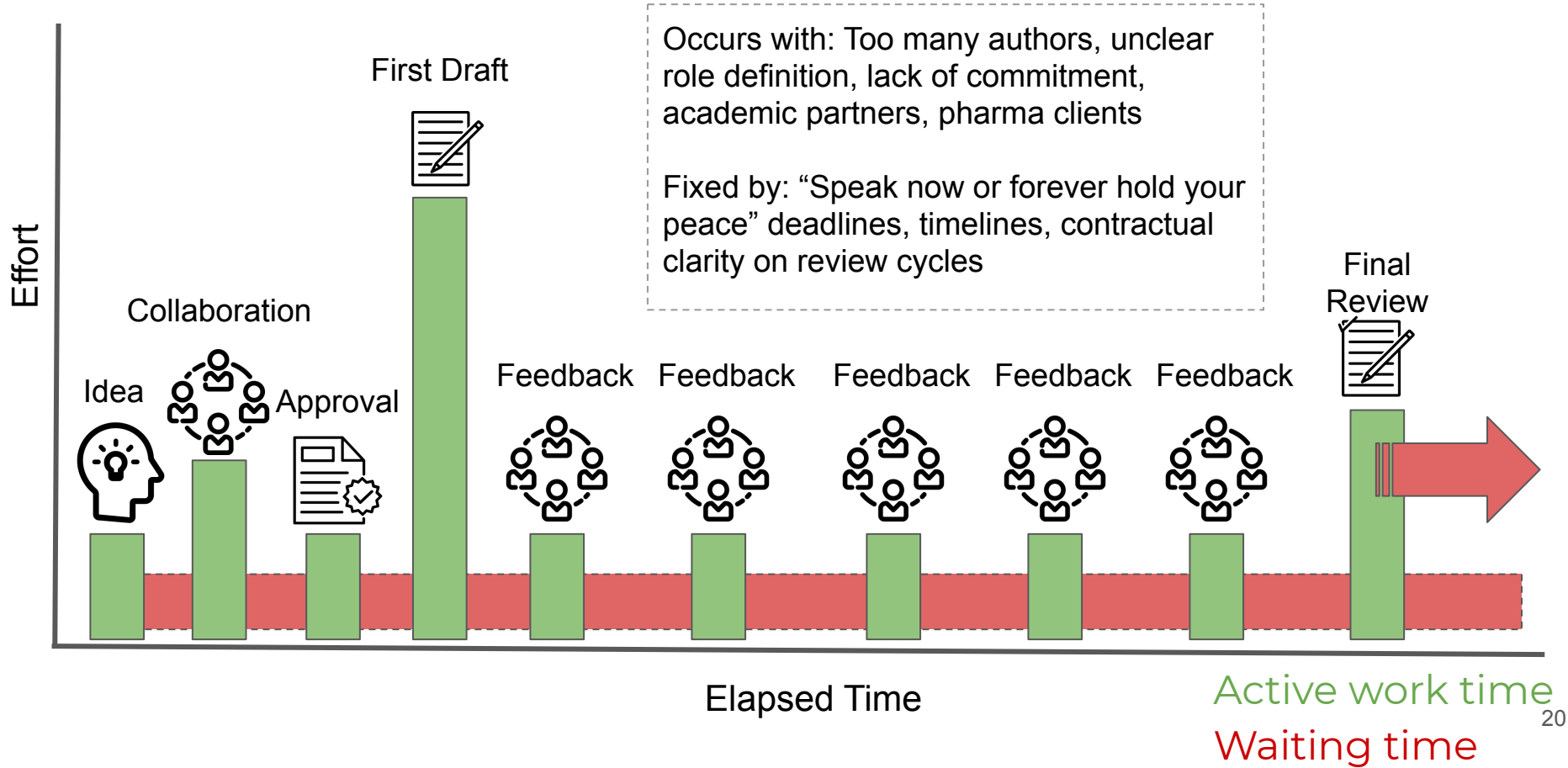
Traditional Timeline



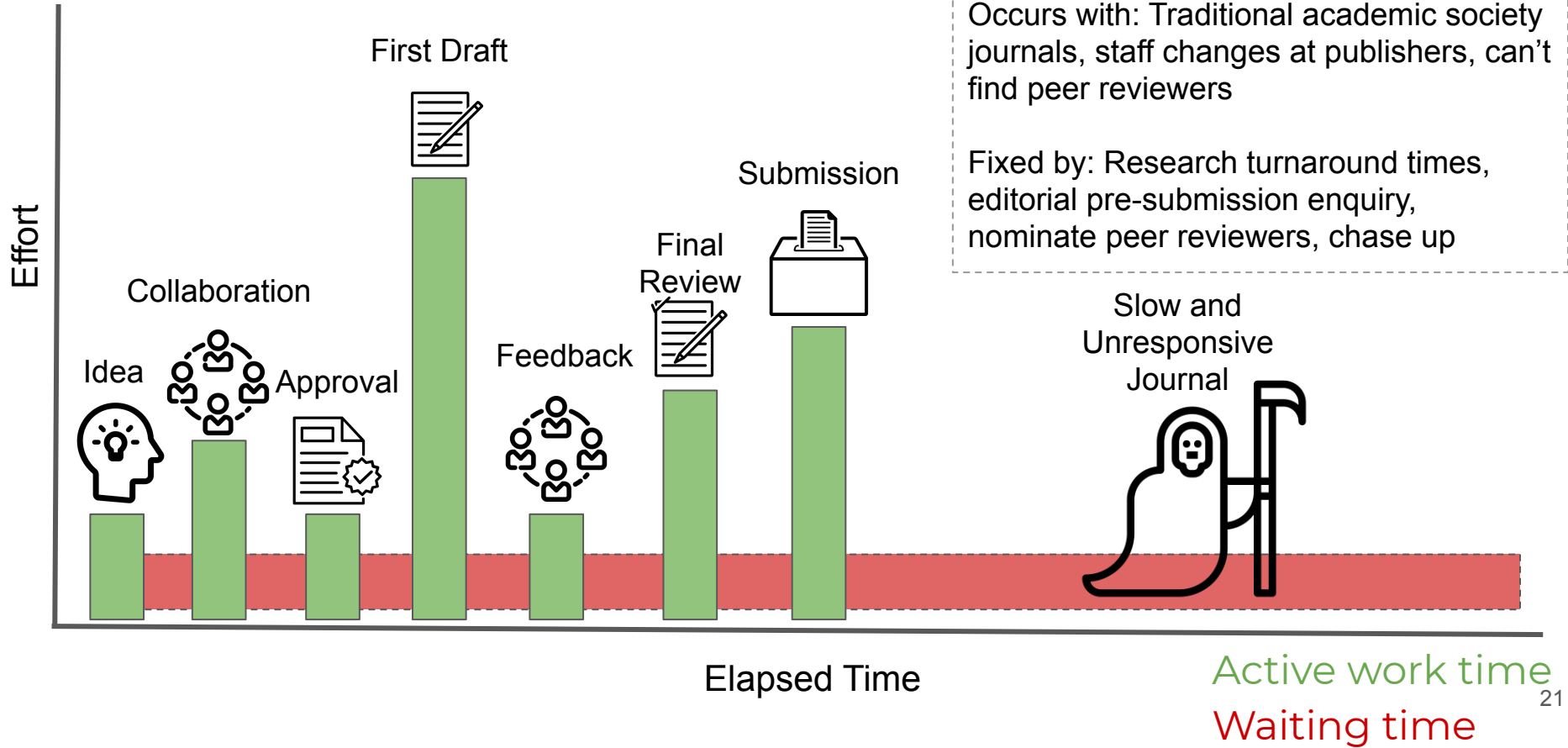
Bad Timeline for Industry - Rogue Academics



Bad Timeline - Neverending Feedback Loop



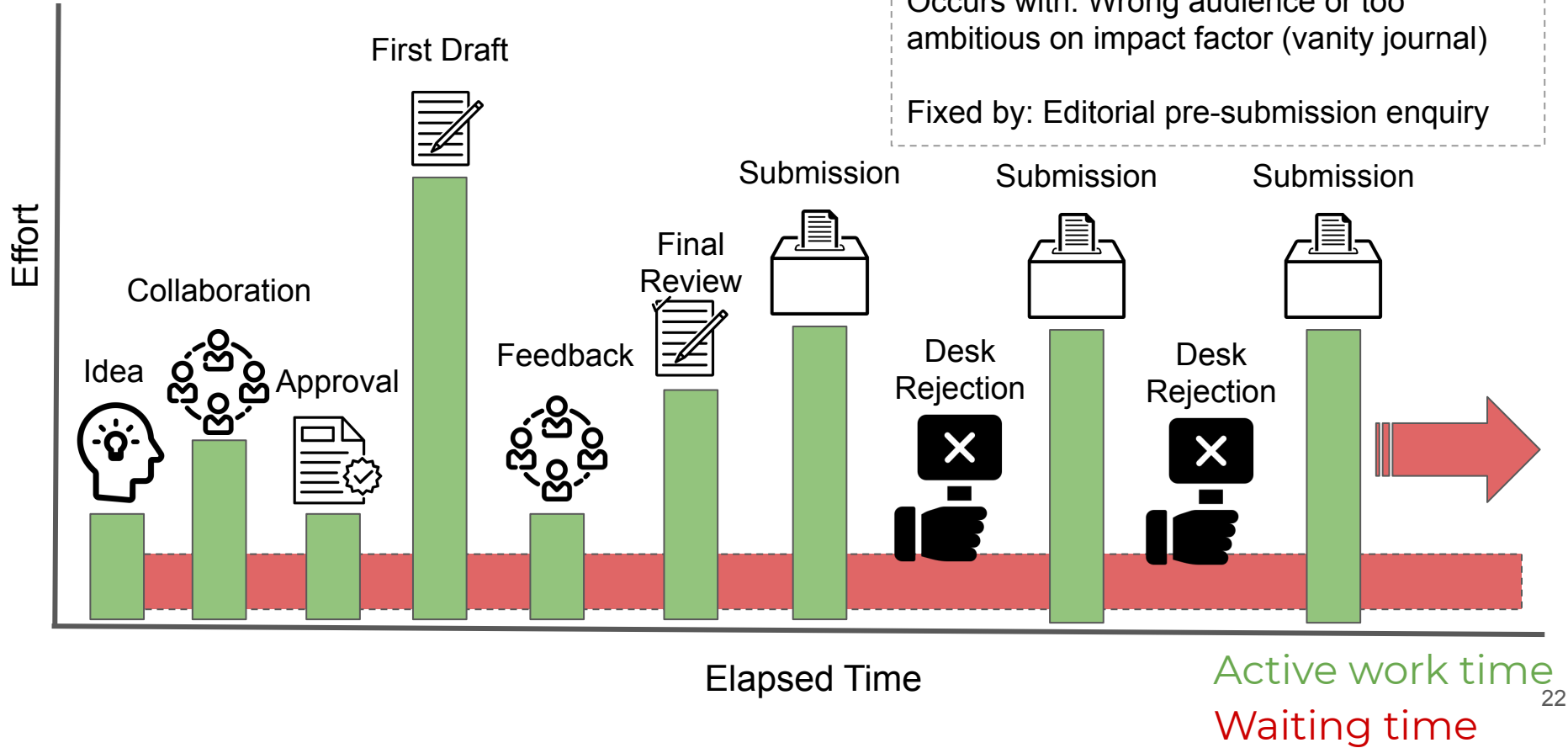
Bad Timeline - Slow Journal



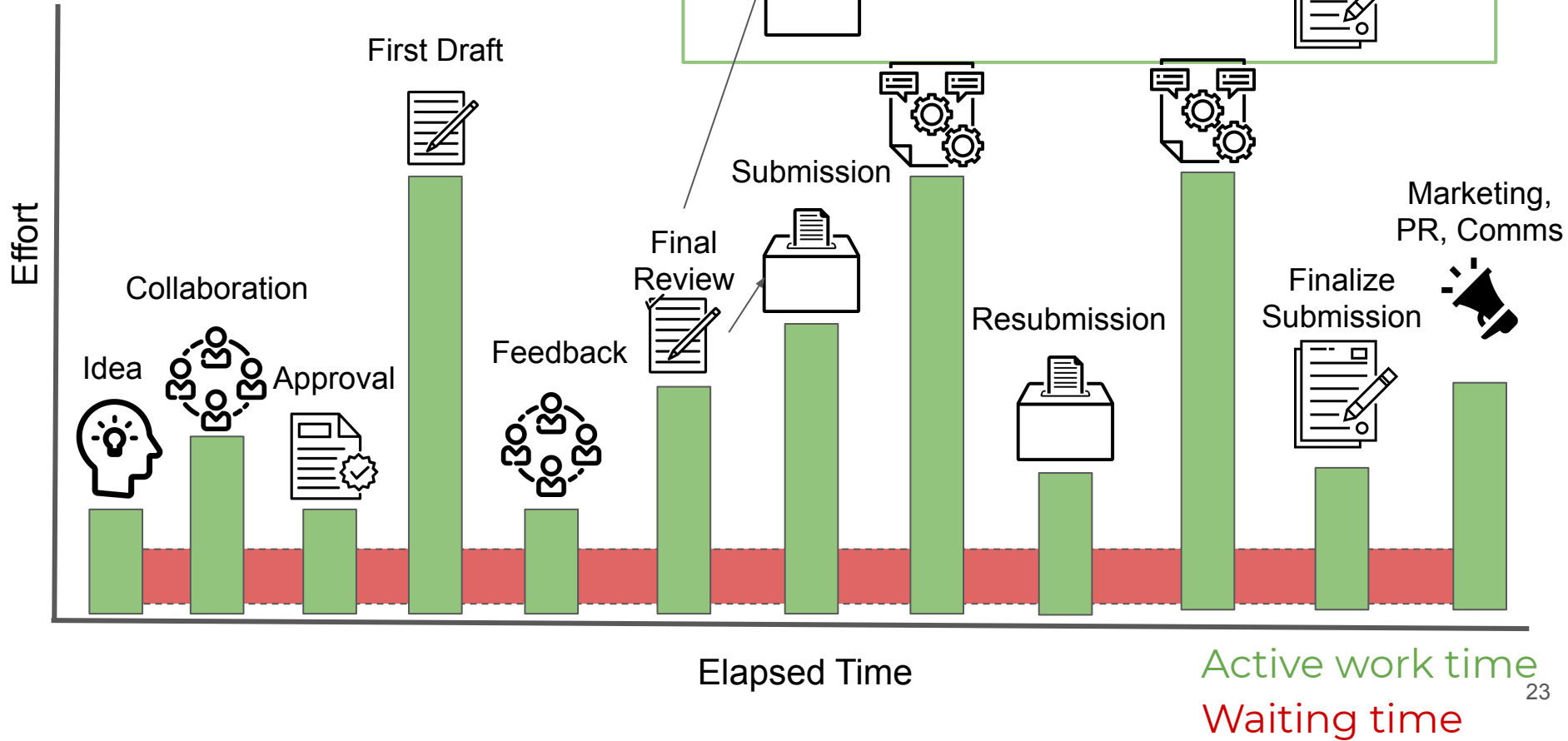
Bad Timeline - Multiple “Desk rejections”

Occurs with: Wrong audience or too ambitious on impact factor (vanity journal)

Fixed by: Editorial pre-submission enquiry



Preprint Timeline



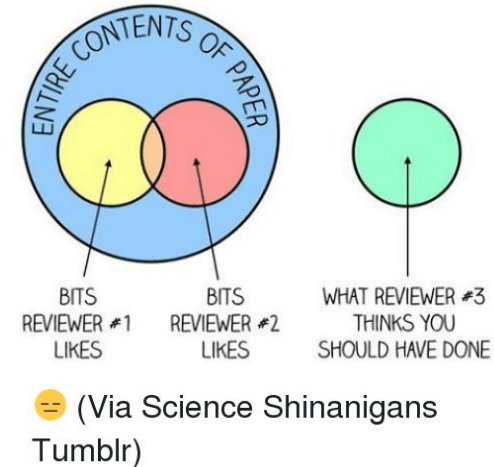
Practical Tips for Submission

- Read the guidance for authors **very** carefully especially around references, word count, tables, structured / unstructured abstract
- Download and fill out any checklists / declarations
- Look at 2-3 recent similar papers to yours in the same journal to get a sense of length, figures, claims, balance of IMRAD word count
- Gather the [ORCID IDs](#) of your co-authors in advance
- Write a brief cover letter outlining why this work is relevant, exciting, or of particular interest to **this** outlet
- Propose peer reviewers who have recently published similar work in the same journal, and who you admire *but* have no conflict of interest
- Once submitted, celebrate (!) and check in every couple of weeks on the submission process
- If peer reviewers haven't been assigned after 2 weeks, or if a paper remains under peer review for 2 months, check with the editorial team on progress (politely!)

Dealing with Rejection and Feedback

- Almost no paper is accepted without comments
- Your “final” submission was only ever ~70% done and needs peer reviews, editorial input, and proofreading & copy-editing (plus your own further thoughts in reaction to feedback!) to get to 100%
- Tips for responding to comments:
 - [Article 1](#) - Editor’s perspective
 - [Article 2](#) - Professor w/424 papers, 60k citations
 - [Article 3](#) - From a Publisher
- Humo(u)r
 - [S*it my reviewers say](#)
 - [@PhD Comics](#)
 - [@AcademicsSay](#)

GETTING PEER REVIEW FEEDBACK:



Conclusions

- Publishing can seem daunting at first but it gets easier (eventually!)
- Try activities such as journal club or volunteering to peer review
- Plenty of great resources online e.g.
 - [Duke Graduate School](#) (free)
 - [Coursera](#) (some free, some fee)
 - [Elsevier Researcher Academy](#) (free)
- Questions? paul@wicksdigitalhealth.com