



Using Data to Manage Reviewers

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Overview

- What is peer review and aims of effective peer review
- Difficulties Editors are facing
- Peer Review Systems
- Peer Review Expectations vs Reality
- Finding Reviewers
- Peer Review Systems Developments





Benefits of Peer Review

Gives **authors**:

- **Detailed** and constructive feedback from experts in the field.
- **Highlights** any errors or gaps in literature.
- **Assists** with making the paper more applicable to the journal readership.
- **Enables** a discussion (between the author, reviewers, and editor) around a research field or topic.

Reviewers are motivated by the opportunity to be involved in ensuring the high quality of published articles in their field.

Editors assistance with making decisions in niche areas which may not be their exact area of expertise





Key Aims of Effective Peer Review

- **Original:** presents original research findings which has not been previously published (nor is under consideration) by another journal.
- **Ethical:** meets all applicable standards of ethics.
- **Relevant:** to the journal's aims, scope, and readership.
- **Comprehensive:** a critical review and evaluation of key literature sources for a given topic.
- **Sound:** both methodologically and technically.





Difficulties Editors are Facing

- Finding Reviewers
 - Springer paper on problems with finding reviewers
 - Reviewer fatigue
 - Finding suitable reviewers
- Expectations of authors for turnaround times





Peer Review Systems

Online submissions systems: used to manage and track papers as they move from submission through peer review, before going into production.

Editors use these to source and contact reviewers, and check the review process.





Peer Review Systems

Benefits of using a peer review system include:

- Authors get an automatic acknowledgement that the paper has successfully submitted;
- Better EIC overview of everything currently with the journal for review;
- Papers can be tracked and accessed even if an Editor leaves the journal – better continuation of review;
- Opportunity for integration with other services authors and reviewers use e.g. ORCiD.





Peer Review Systems

Peer Review Systems are designed to be easy to use and intuitive.

But, if a reviewer is having trouble, help is available:

- Email the Taylor and Francis Peer Review Systems helpdesk at prshelp@tandf.co.uk.
- For system development please contact your Electronic Editorial Systems contact.





Peer Review: Expectations vs Reality

In an **ideal world**...

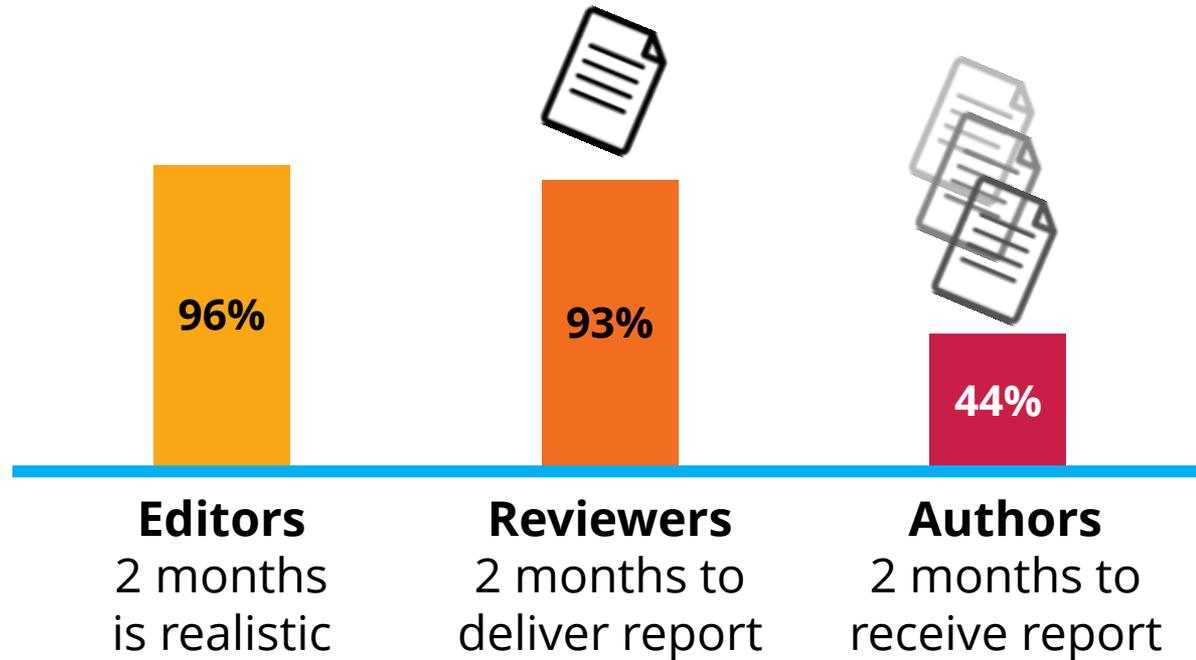
...to what extent do you agree or disagree
the following objectives **should be** the
purpose of peer review?



How long to review?



How long to review?



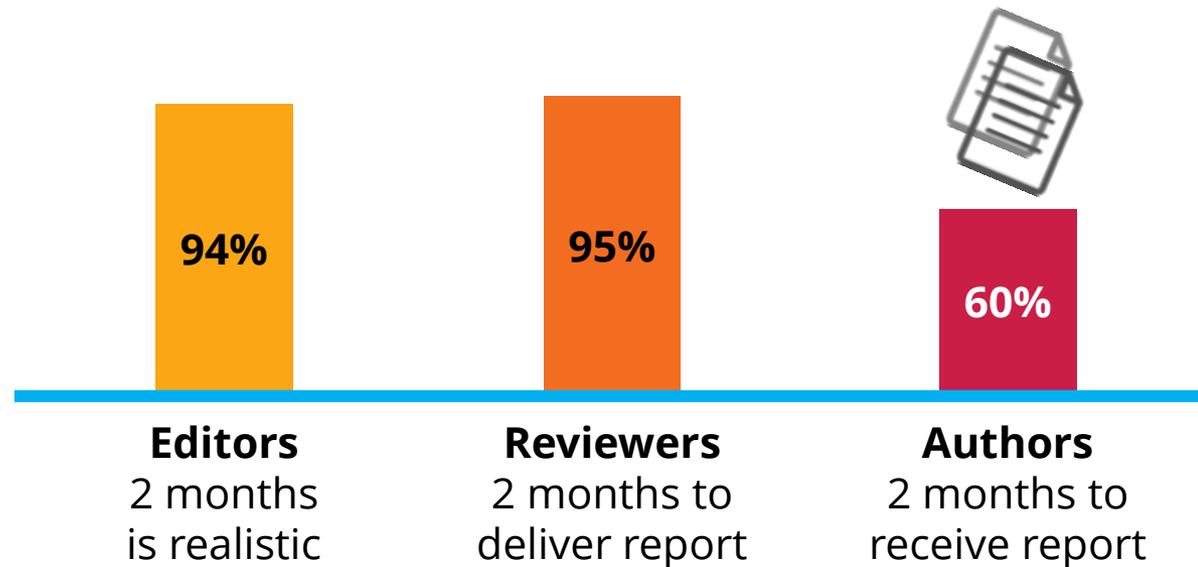
HSS



How long to review?



HSS



STM





Peer Review System Development

- Regular surveys of systems users informing improvements or raise visibility
 - Hidden time in review
 - How we can cut down on time spent on some of these hidden activities





Finding Reviewers

As mentioned earlier shortage of reviewers is often discussed and it can take time to find suitable reviewers

- Tips and Tricks
 - Make sure your database is up to date
 - Look outside of your database
 - Networking





Finding Reviewers in the System

When searching for a reviewer

- Use reviewers keywords
- Look at previously published/ submitted papers
 - N.B on ScholarOne putting asterisks around a search term will bring back any phrases where that is present
- Consider changing the system to have a set keywords list to pick from
- Clear, succinct instructions for reviewers
- Simple reviewer scoresheet
- In 2017 we announced a pilot with Publons to help recognize review.





What is Publons?

Publons is a reviewer recognition platform that allows reviewers build a profile to showcase their review activity

The screenshot shows the Publons profile for Jonas Ranstam. The page layout includes a navigation bar at the top with the Publons logo, a search bar, and links for ACTIONS, BROWSE, COMMUNITY, FAQ, and SIGN IN. The main content area is divided into several sections:

- Profile Header:** Displays the name "Jonas Ranstam" and a "PUBLONS SUPPORTER" badge.
- Biography:** Describes him as a "Professor of medical statistics (retired) - Clinical Sciences, Lund University - Present" and a "Google Scholar Researchgate".
- BIO:** States, "I am a medical statistician working as an independent adviser to investigators at universities, hospitals, governmental agencies, research organisations, scientific journals, and private companies."
- RESEARCH FIELDS:** Lists "ORTHOPAEDICS".
- EDITORIAL BOARD MEMBERSHIPS:** Lists "CURRENT MEMBERSHIPS" including "Acta Orthopaedica", "British Journal of Surgery", "Osteoarthritis and Cartilage", and "World Journal of Orthopedics".
- HAS REVIEWED FOR:** Lists journals he has reviewed for, including "Osteoarthritis and Cartilage" (2162 reviews), "Acta Orthopaedica" (1315 reviews), "British Journal of Surgery" (174 reviews), "Endoscopy International Open" (89 reviews), "Endoscopy" (96 reviews), and "The Lancet Global Health" (53 reviews).

On the left side of the profile, there is a sidebar with a profile picture and the following information:

- Verified reviewer** badge.
- 12193 Reviewer Meit** (Reviewer Metrics).
- 4067 reviews** (total reviews).
- AWARDS:** A row of award icons.
- IDENTIFIERS:** Links to "publons.com/a/292799/" and "orcid.org/0000-0002-8287-7273".
- NAVIGATE:** "Is editing for 4 journals" and "Has reviewed for 48 journals".
- 4067 Pre Publication Reviews** (total pre-publication reviews).





Why run this trial?

Consensus is that reviewers are becoming harder to find for the increasing number of article being submitted for review

There has been little public recognition for review until recently

The peer review systems for the trial journals automatically add verified review activity to a reviewer's Publons profile

Reviewers can also indicate to Editors that they are interested in reviewing for their journal – helps expand the reviewer pool available to Editors





Questions?

