Editor Decision Support Tools: Meta Bibliometric Intelligence

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Accelerating scientific research

Collaborations between scientists and engineers

Enabling tools and technologies

Building support for science
Article Discovery

Meta Science

• Article Discovery – ability to uncover and explore articles
  • enhanced content
  • ranked entities
  • universal recommendations
• 44 million pages representing virtually every person and entity in biomedicine
• Used by researchers at over 1,200 institutions
Bibliometric Intelligence helps journal editors manage the flow of manuscripts they are tasked with evaluating by helping pinpoint subject-appropriate and high impact manuscripts at the moment of first submission:

1. Journal Fit
2. Potential Impact
3. Suggested Reviewers
Pre-ranks incoming manuscripts based on deep predictive profiling

Intelligently cascades rejected manuscripts to more appropriate sister journals within a portfolio

Currently integrated into Aries Systems’ Editorial Manager
Predicted Eigenfactor, Citations, and Rank

- Meta extracts over 200 features from a newly submitted manuscript, not considering Journal information
  - Standard metadata – main authors, co-authors, affiliations, references
  - Deeper connections within metadata, such as main authors’ publication record, citation profile, G/H Indexes, fields/concepts of study and their impact over time, etc.
  - 500 text features capturing title and abstract
- Use multi-layer neural network to predict Eigenfactor, citations, and top percentile rank
### New Editor Assignments - Stacey Middle Lavelle, PhD, MDd

**Contents:** These are submissions that have been Assigned to the Editor. They require one of the following: another Editor assignment, Reviewer invitations, or Decision. Use arrows to change the sort order.

<table>
<thead>
<tr>
<th>Action</th>
<th>Manuscript Number</th>
<th>Article Type</th>
<th>Section/ Category</th>
<th>Article Title</th>
<th>Author Name</th>
<th>Initial Date Submitted</th>
<th>Status Date</th>
<th>Current Status</th>
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<tbody>
<tr>
<td>Predictive Bibliometrics Results (3/75%)</td>
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**Predictive Bibliometrics Status Summary:**

- (X) = Article Trajectory Score/Publication Match%
- (...) = Predictive Bibliometrics analysis in process
- (X) = Predictive Bibliometrics analysis error
To learn more about our Partner Program and Bibliometric Intelligence, contact us:
ec@chanzuckerberg.com

Read our whitepaper at:
http://bit.ly/2qFqQSR