Data, Refutation, Replication, Secondary Analysis & Methodology are FIRST CLASS RESEARCH OBJECTS

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Objective

- Propose a New – and Radically Different – Publication.
- Your Opinion, Thoughts, Suggestions, and Support.
Problem

1. Data, Refutation, Replication, Secondary Analysis & Methodology are all undervalued.
2. The foundation of research contributions should be First Class Research Objects
3. Governments want it, Funders what it, and the Public what it.
1. **Give value by enabling citable publication.**

2. **Experiment with new publication and review paradigms.**

   . . . so as not to negatively affect other ACM publications.
Proposal - Publication

1. **Similar to BMJ and BMJ-Open short 2-5 page ‘tight’ papers;**
2. **for a specialist technical audience;**
3. **no backgrounds, assumes familiarity;**
4. **fixed sections, fixed review criteria;**
5. **video abstracts, contribution highlights, paper podcasts;**
6. **cross cutting all SIGS, so cross cataloging via SIG domains; with**
7. **specialist reviewer/review-teams for each domain.**
Proposal - Review

1. **Electronic only;**
2. **open access;**
3. **open review;**
4. **review credit via alt-metrics using - possibly - publons\(^1\);**
5. **reviews – or meta review – published with paper;**
6. **facilitate discussion - possibly via - PubPeer\(^2\).**

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\(^1\)https://publons.com/
\(^2\)https://pubpeer.com/
Thoughts?

Your Opinion, Thoughts, Suggestions, and Support