Author management

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Anneliese Synnot
Cochrane Australia, Monash University

Trusted evidence.
Informed decisions.
Better health.
Intermittent to continuous activity

- More work OR working differently and more efficiently?
Basic LSR process

1. Run searches and screen
   - NO new evidence found → Integrate LATER
   - NEW evidence found → Integrate NOW

2. Update review
   - Data extraction, risk of bias, synthesis
Author / team implications

• Planning for ongoing contribution (do and maintain!)
  o Frequent, small commitment from authors
  o Needs clear project management

• Size of author team
  o Larger teams may be needed

• Evolving author team
  o Maintaining institutional memory and consistent approach critical
Author / team implications

• Academic credits
  o Existing and new authors need appropriate acknowledgement via new citations

• Funding
  o Funding tends to be time-limited, may need creative ways to fund an ongoing commitment
Editorial implications

- **Workload**
  - Small, frequent commitment likely
  - Must be able to be responsive
  - If new frequent new publications $\Rightarrow$ $\uparrow$ workload

- **Working in new ways**
  - Encourages a closer relationship with authors
  - Collaborative approach to deciding to integrate new studies
  - Establishment of pool of LSR peer reviewers
Peer review implications

- More selective approach to peer review, i.e.
  - Minimal changes may *not* need peer review, or
  - ‘Selective’, i.e. fewer reviewers / or fewer sections of review

- LSR peer review team ‘on standby’

- Likely to benefit from consistent peer reviewers over time but may be an issue of independence of reviewers over time.
### (Living) systematic review enablers

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<tr>
<th>Category</th>
<th>Item</th>
<th>Description</th>
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<tbody>
<tr>
<td>Production</td>
<td>Workflow and collaboration tools</td>
<td>Tools and platforms for SR authoring (e.g. Covidence, EPPI-Reviewer)</td>
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<td>Semi-automation</td>
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<td>Machine assisted SR production processes (e.g. machine learning, Evidence Pipeline)</td>
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<td>Data repositories and linked data</td>
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<td>Repositories of structured SR data (e.g. Cochrane linked data project)</td>
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<tr>
<td>Participation and the crowd</td>
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<td>Large and diverse author groups, citizen and crowd participation (e.g. TaskExchange, Cochrane Crowd)</td>
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Adapted from Elliott 2014 *PloS Med* 11(2)
Questions / comments?

Or email: Anneliese.Synnot@monash.edu