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| Systematic Review\* Automation Tool Journal Club  (\*and other synthesis types, too!) | |
| Date: | 20 August 2021 |
| Present: | Bond University: Anna Mae Scott, Paul Glasziou, Connor Forbes  Monash University: Julian Elliott  Macquarie University: David Fraile Navarro, Marcus Vellejo, Sai Yerra  University of Queensland: Shuai Wang  Adelaide University: Zac Munn, Tim Barker, Ed Aromataris  Health NSW: David Tunnicliffe  Apologies to anyone I have missed. |
| Tool reviewed: | JBI SUMARI  <https://sumari.jbi.global/> |
| Reference: | Munn Z, Aromataris E, Tufanaru C, Stern C, Porritt K, Farrow J, Lockwood C, Stephenson M, Moola S, Lizarondo L, McArthur A, Peters M, Pearson A, Jordan Z. The development of software to support multiple systematic review types: the Joanna Briggs Institute System for the Unified Management, Assessment and Review of Information (JBI SUMARI). Int J Evid Based Healthc. 2019 Mar;17(1):36-43.  doi: 10.1097/XEB.0000000000000152. PMID: 30239357. |
| Cost? | Mix of paid and free  Free to JBI collaborators and course participants  14-day free trial option  Paid ($130/year) to individuals and organisations (varied) |
| Online or desktop? | Online-based |
| Tool used for the following review stage(s): | Not stage-specific, i.e., designed to be used throughout the review process (screening, extracting, critical appraisal, meta-analysis etc.) |
| Tool description from the SR Toolbox: | A System for the Unified Management, Assessment and Review of Information containing a suite of tools to support various aspects of the systematic review process. JBI run short courses on using the software: <http://joannabriggs.org/education/short-courses> |
| Reason for reviewing the tool: | Breadth, i.e., it’s a system designed to handle multiple types of reviews (systematic, scoping, qualitative, economic, overviews, etc. Full list here: <https://wiki.jbi.global/display/MANUAL> ) |
| How the tool works: | 1. Conduct searches as per usual (databases, grey lit, registries) 2. Import the search results 3. Proceed as normal (screening, data extraction, risk of bias, etc.) – allows conducting in duplicate 4. Is able to perform meta-analyses/data syntheses. |
| How the tool was tested: | Ongoing development and user base feedback |
| Test results: | N/A |
| Discussion points: | **General discussion:**   * What is the pricing model? See above, different options by individual vs organisation (appx 750 USD/year for large organisations) * Does it automatically write up the forest plot results (e.g. RRs, CIs, etc.)? Not yet, copy-paste * Can you deduplicate search results within SUMARI? No, you need to import search results already deduplicated * Underlying methodology? JBI Guidelines * Does not yet “talk to” GradePro or MAGICapp * Cannot upload pdfs b/c requires a lot of space on the server but there is a chrome feature where users give permission to access an entire folder on a computer (or can use dropbox and similar) * Currently setup for JBI critical appraisal tools, but work in progress re use for other tools (e.g. Cochrane, CASP) but N.B. there may be a copyright issues in play * Diagnostic test accuracy reviews – cannot yet do ROC * Prevalence plots? Handles great, easier to setup than STATA * Setup to handle multiple types of reviews (i.e., broader than RevMan) – see full list of review types at link above * Youtube videos are at the JBI channel: <https://www.youtube.com/channel/UCEWhJYFQityaRhV-BGCklCQ> |