

SRDR Window

Evolving Description of ACTS Collaborative Participant's COVID-19 Knowledge Ecosystem Efforts

| | Identify Studies | Review Evidence |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Current Approach | Hand search databases for potentially relevant studies | Team members review evidence by hand and extract data into srdrPLUS. Once extraction is complete we consolidate in case of double extraction using srdrPLUS consolidation tool. This is machine assisted / semi-automated. |
| Pearls /Tips Learned | | |
| Desired Approach | Daily automated scans. Abstract of new evidence is run against every project in srdrPLUS and its corresponding learned models. Every abstract that surpasses a custom relevance threshold is then passed to the project lead. | Fetching of evidence could be automated. If there was a single source of PDFs or source of the evidence data that hasn't been curated yet but contains all the study data it could be made computable within srdrPLUS and then made available in a standard format for downstream consumption. |
| Needs to Achieve Desired Approach | Check all that apply <input type="checkbox"/> _X_Better source/input materials [Details:] <input type="checkbox"/> _X_Common format/terminologies for managing/sharing data [Details:] <input type="checkbox"/> _Other [Details:] | Check all that apply <input type="checkbox"/> _X_Better source/input materials [Details:] <input type="checkbox"/> _X_Common format/terminologies for managing/sharing data [Details:] <input type="checkbox"/> _Consistency of outcomes [Details:] <input type="checkbox"/> _Engagement with primary researchers and upstream stakeholders [Details:] <input type="checkbox"/> _Engagement with decision makers and other downstream stakeholders [Details:] <input type="checkbox"/> _Other [Details:] |
| Support We Can Provide Other Participants | | |

| | Produce Guidance | Make Guidance Computable |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Current Approach | | |
| Pearls/Tips Learned | | |
| Desired Approach | | |
| Needs to Achieve Desired Approach | Check all that apply <input type="checkbox"/> _Better source/input materials [Details:] <input type="checkbox"/> _Common format/terminologies for managing/sharing data [Details:] <input type="checkbox"/> _Other [Details:] | Check all that apply <input type="checkbox"/> _Better source/input materials [Details:] <input type="checkbox"/> _Common format/terminologies for managing/sharing data [Details:] <input type="checkbox"/> _Other [Details:] |
| Support We Can Provide Other Participants | | |

| | Implement Guidance (e.g., as CDS, eCQMs) | Analyze Results (e.g., care outcomes) | Apply Results (e.g., Quality Improvement, create evidence) |
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| Pearls/Tips Learned | | | |
| Desired Approach | | | |
| Needs to Achieve Desired Approach | Check all that apply <input type="checkbox"/> Better source/input materials [Details:] <input type="checkbox"/> Common format/terminologies for managing/sharing data [Details:] <input type="checkbox"/> Other [Details:] | Check all that apply <input type="checkbox"/> Better source/input materials [Details:] <input type="checkbox"/> Common format/terminologies for managing/sharing data [Details:] <input type="checkbox"/> Other [Details:] | Check all that apply <input type="checkbox"/> Better source/input materials [Details:] <input type="checkbox"/> Common format/terminologies for managing/sharing data [Details:] <input type="checkbox"/> Other [Details:] |
| Support We Can Provide Other Participants | | | |

Stakeholders can place comments at the bottom of any Learning Community page. If you need editing access to these Participant Window pages, please contact support@ahrq-acts.org.

How SRDR Contributes Currently to Evidence Ecosystem, including Update Notification

SRDR Plans Relevant to Enhanced Evidence Ecosystem, including Update Notification

Earlier Note from **Jens Jap, SRDR Team**: "my team is interested in ... the development of automated literature searches to assist in SR updates or at least signal an opportunity for one. A preliminary step to this effort was the development of a RCT classifier. I think this is similar to what you previously referred to as COKA enhanced tagging tool, at least in nature. Using these kinds of machine learning assisted tools can bring us a step closer to more automation and living SRs. " **Response from David Tovey**: "In terms of an RCT Classifier, you may be interested to know that a tool with exactly this name has been developed by James Thomas and his team at UCL in London. It is currently in use within Cochrane but it might be useful to reach out to James if you are interested to explore this. ... The tool is capable of assessing large bundles of citation and abstracts very quickly with an accuracy level that is at least as good as could be achieved manually."