

**Q&A report from the webinar
Systematic Review Success: An Introductory Workshop for Librarians & Information Professionals**

Organized by IFLA Social Science Libraries Section, Jun 5, 2024

Question	Asker Name	Answer	Answer Name
is Google Scholar okay to use? I was told that since it is a search engine and not a database, we shouldn't use it. There was some concern about reproducibility.	Anonymous Attendee	Yes you can use Google scholar for the grey literature some useful finding Thesis Dissertation reports you can retrieve from the Google scholar. Comprehensive search you can use the Google scholar. However low frame work nested searching is not support in Google scholar. Which I already recommended in my last slide.	Muhammad Yousuf Ali
What about hand searching? Is it necessary?	Sara Mitha	Thank you Sara Mitha, Yes it is necessary for hand searching every thing is not cover in traditional searching. Important reports, conference processing, guidelines are always discover through hand searching	Muhammad Yousuf Ali
What about hand searching? Is it necessary?	Sara Mitha	Hand searching is very important in systematic review as it help the researcher get most relevant literature. one can do a journal searching if there is a special journal on your topic that you would like to establish possible published journal. you can also do reference searching by identifying publication from the references of full text included studies. one can also do citation searching of most relevant full text included studies to establish if they can identify relevant updated references. usually google scholar scopus can be used for citation searching	Anna Leonard
How many articles is the average to review?	Richard Cevallos	Thank you Richard Cevallos. Its depend upon the screening minimum three study is required for the systematic review. Maximum its depend upon the topic 30-35 is maximum. Other wise it is very difficult to manage.	Muhammad Yousuf Ali
Do you recommend using COCHRANE for registering systematic reviews for social sciences? Or is there another place we can register that's not so medical science focused?	Alison Nelson	Many people for social sciences use PROSPERO	Ryan Harris
Do you recommend using COCHRANE for registering systematic reviews for social sciences? Or is there another place we can register that's not so medical science focused?	Alison Nelson	One can also use Open Science Framework (OSF)	Anna Leonard
I am looking for the next speaker presentation.	Shakil Ahmad	The presentations became available when presentation starts	Ekaterina Shibaeva
How did you decide on capacity/6 research teams per semester? How did the librarians balance instruction with SR support?	Vitalina Robinson	That was kind of based on 3 research teams per librarians over the course of an academic year. I do not do as much teaching, but teaching is always a priority	Ryan Harris
Can librarians do systematic review in any discipline?	Bushra Parveen	Yes Librarian can do systematic review in any discipline as per the role. Health science and Social sciences.	Muhammad Yousuf Ali
Why did you choose Covidence rather than Rayyan or any other?	Sara Mitha	I used both the software feel comfortable my preference is Rayyan rather than Covidence.	Muhammad Yousuf Ali
Can we get the e-certificate of participation for this webinar	SAMYAK PRATIK PATTANAIK	Hi Samyak, unfortunately we do not have an e-certificate for participation in this webinar.	LeRoy Jason LaFleur
Thank you! Amazing presentation.	Richard Cevallos	Thank you, Richard!	LeRoy Jason LaFleur

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If a library doesn't have the commonly used databases such as Scopus, can the researchers still run a systematic review? Or do you recommend finding co-authors who have access to Scopus or other necessary databases?	Heidi Senior (she/her)	Absolutely. We don't have covidence at UNC Charlotte and we're still supporting SRs!	Abby More
Would you include Google Scholar for searching?	Sara Mitha	I would tend to only use it for grey literature searching	Ryan Harris
Would you include Google Scholar for searching?	Sara Mitha	there have been criticism concerning google scholar because of lack of transparency of indexing studies in google scholer and ranking of relevancy. depending on the time, resources and number of people involved in the review, one can include google scholar as it allows the identification of local literature not indexed in scopus and other databases. but I recommend use of DOAJ, AJOL, pre-print archives, and specific journal searching.	Anna Leonard
how can we train library professionals in SLR ??	Dhirendra Padhan	There are quite a few resources from Medical Librarian Association. I know a librarian from Clemson is going to be offering a free canvas course in the near future as well	Ryan Harris
Covidence and Scopus are not the same thing --	Anonymous Attendee	No Covidence is a screening software. Scopus is a databases of literature	Ryan Harris
Question for Ryan Harris: do you offer grey literature searches as well?	Julie Mayrand	The research teams tend to do that but I can help with that as needed. Oftern the focus of this is conference presentations and dissertations and theses which can be searched in some of our databases we have access to.	Ryan Harris
I have a question for Ryan: What additional responsibilities do librarians that serve on the systematic review pilot service have? Serving as a co-author on multiple projects is time intensive. Thank you.	Elizabeth Young Miller	It depends my job is more adminstrative in terms of leading a unit. The other librarians do quite a bit of teaching and research consultations. I woudl say the SR service is considered part of their scholarly work as well as a job function.	Ryan Harris
Ryan, great presentation! what is the citataion for your published article? Thanks	Carla Owens	Here is the link it is OA: https://www.mdpi.com/2072-6643/16/10/1426	Ryan Harris
Mr. Ali, Do you recommend using COCHRANE for registering social science systematic reviews for social sciences? Or is there a better place to register protocols for social science reviews?	Alison Nelson	PROSPERO Is often used for social science registration	Ryan Harris
Do you think it is important or worthwhile for social science librarians (and non-medical/health librarians) to get cerification for systematic reviews? I am referring more specifically to MLA (Medical Library Association)'s specialization program? I am asking because our health science/medical librarians were required to complete this but not the other subject librarains (https://www.mlanet.org/page/systematic-review-services-specialization).	Nicholas Bambach	While you may not need a certificate some kind of traning is important be it webinar, peer to peer training, certification or some kind of combination. All of the people who do reviews have had some kind of training. We also do peer to peer reiew of our searches which is really helpful.	Ryan Harris

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For Ryan Harris - did you evaluate a specific number of screening tools before selecting COVIDENCE? And if so, what was the deciding factor for this choice? thanks	Deirdre Beecher	COVIDENCE is kind of the standard tool here in the states so that is what we used.	Ryan Harris
I have heard that screening should be performed by more than one researcher (so SR/ES is not a solo project), and co-researcher reliability measured until the researchers agree on screening, and then the researchers would screen studies separately. Is this a necessary part of an SR?	Anonymous Attendee	Yes that is why we require research teams for our pilot. Ideally there are 3 folks to reviews so one person can be a tie breaker if there is a disagreement.	Ryan Harris
For anyone who can help: We were working on a Systematic Review and we found it difficult to dowload all the Google scholar results. Do you have any suggestions for exporting/using the results grom Google Scholar in effective way? Thank you.	Claudia Serbanuta	Claudia, Good question create the library. splite your search on timeline basis save in library and export the library. you shoud add the more research team member it is time consuming.	Muhammad Yousuf Ali
How is Covidence different than Refworks?	Colleen Candrl	Colleen Candrl Thank you Covidence do separte the literature type very effeteve and quickly compare to Refworks.	Muhammad Yousuf Ali
Ryan, my understanding was that PROSPERO was for health outcomes systematic reviews only. Are they also considering broader social sciences reviews? Have social sciences teams at your insitution had success with PROSPERO?	Anonymous Attendee	Some have yes	Ryan Harris
Ryan, my understanding was that PROSPERO was for health outcomes systematic reviews only. Are they also considering broader social sciences reviews? Have social sciences teams at your insitution had success with PROSPERO?	Anonymous Attendee	You could also consider OSF https://osf.io/ym65x	Ryan Harris
Ryan, my understanding was that PROSPERO was for health outcomes systematic reviews only. Are they also considering broader social sciences reviews? Have social sciences teams at your insitution had success with PROSPERO?	Anonymous Attendee	OSF is also use for the registration scoping study as well.	Muhammad Yousuf Ali
For the panel: How can academia and/or institutions keep the validation of the exponential amount of submissions of systematic review?	Richard Cevallos	Can you clarify by what you mean by this?	Ryan Harris
with the use of AI there is an exponential submission of systematic reviews, it must be a challenge to confirm and validate the work?	Richard Cevallos	This debatable you need to read the policy of the journal like The journal of academic librarianship does not accept the generative AI tools	Muhammad Yousuf Ali

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Andrey, I assume that the images you used of robots writing were AI-generated. If so, which program did you use and what were your prompts? They are thought provoking!	Anonymous Attendee	DALL-E	LeRoy Jason LaFleur
I have a question for Andrey Guskov. As far as I understand, LLM's tend to give slightly different answers to the same question, every time you query them. How can we assess accuracy, if this is indeed the case?	Vätavu Bogdan	Also with people - experts' opinions may differ. Moreover, the same person may answer the same question asked at different times in different ways. This is not necessarily a drawback, you can use it as an advantage. Collect several answers from one, or preferably different LLMs, and define a rule of thumb for how you will get one opinion out of several. This can strengthen the reliability of the final text.	Andrey Guskov
For validation to use LLMs to validate, are these models available for the general public?	Richard Cevallos	Most of the models are available, but the most reliable one requires a fees for intensive using without limitation. Writing reviews is such a case. For the start you can use OpenAI ChatGPT-4o - it is quite reliable and free for some short chats.	Andrey Guskov