

Awesome Systematic Reviews

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Collaborative initiative (GitHub-based) for resources regarding evidence synthesis

- Many tools are being published and not visible
- Anyone can provide input that can be listed after acceptance
- Publicly-available
- Based on idea of awesome repositories (examples)
 - <https://github.com/filipecalegario/awesome-generative-ai>
 - <https://github.com/avelino/awesome-go>
 - <https://github.com/topics/awesome>

Multiple steps for gathering tools

- 1) Our own background
- 2) SR toolbox
- 3) Prevalence study on systematic reviews and protocols
- 4) Scoping review of reviews on tools
- 5) Asking for input during conferences / meetings**
- 6) Formal survey

An example

Tool name	Description	Is it free?	Is it open-source?	Link to code	Phases of systematic review where it can be applied?	Does it use AI?	Validation on paper(s)	Website	Developer	Source
mies-rag	A tool using LLMs for iterative extraction from multiple papers.	yes	yes	LINK	Data Extraction	yes (LLMs)	To be published	LINK	Sebastian Krawczyk, Jan Karkowski, Paweł Jemiolo	Paweł Jemiolo

