

AutoLit

AutoLit is Nested Knowledge's platform for performing a review. On AutoLit, you can **Search** for studies, **Screen** out studies that are not relevant to your research, **Tag** relevant studies, and **Extract** quantitative data, as well as write your **Manuscript**. For more information and a brief overview of the AutoLit tool, explore the pages below!

If you complete a review on AutoLit, you will automatically generate the interactive, data-driven visuals presented in **Synthesis**.

Get Started

- See our **Get Started** page to find a walk-through of the tasks to start a 'nest' (an interactive, updatable review in AutoLit).
- Want to try out the software in an already-existing project? See our **Demos**, which you can edit and practice in!

The AutoLit Workflow

By creating a review in AutoLit, you automatically create interactive, visual outputs on Synthesis. To see the connections between the AutoLit tasks and Synthesis outputs, see the figure below:

AutoLit (workflow)

Literature Search

Craft and execute a search strategy. This search is usually based upon the population, interventions, comparators, and outcomes of interest.

Screening

Decide whether to include or exclude the studies returned by your search strategy.

Tagging

Capture qualitative data from each included study in order to organize both studies and underlying data in a customizable ontology.

Data Extraction

Turn tags into data elements to capture quantitative data from each included study. This allows for further statistical analysis, including network meta-analysis.

Risk of Bias

Assess the risk of bias in each study to ensure gathered data is of the highest possible quality.

Project Management

Draft a protocol, communicate via comments, see an overview dual gathered data and gain control of your review process with administrator configurable settings and dashboard.

Synthesis (Deliverables)

Qualitative Synthesis

Gathering qualitative data automatically generates point-and-click visuals, enabling quick insights.

Quantitative Synthesis

Gathering quantitative data automatically generates point-and-click visuals, enabling quick insights.

Risk of Bias Visuals

Conducting risk of bias automatically generates traffic light diagram.

PRISMA Flow Diagram

Using Nested Knowledge automatically generates a PRISMA flow diagram, keeping your review compliant with the PRISMA standard.

Manuscript

Incorporate all automatically updating tables, visuals and citations into your written manuscript.

Features

- **Search:** Build a structured search using [Search Exploration](#), run automatic and updatable [searches](#) on PubMed, and [import records](#) from other search indices or external sources.
- **Screen:** Configure your study's [Exclusion Reasons](#), and then include relevant studies and exclude irrelevant studies, using either single or [Dual Screening](#).
- **Tag:** Build [Hierarchies](#) of concepts of interest from underlying studies, or save work by importing your Organization's [Template Hierarchies](#)! Your tagging will automatically create a [Qualitative Synthesis](#) diagram of your work.
- **Extract:** Gather quantitative data from underlying studies (and, as necessary, perform [Risk of Bias](#) assessments) that automatically populates your [Quantitative Synthesis](#).

- **Write:** Draft written outputs using our Manuscript Editor, including automatically-generated PRISMA charts and automatically-updated, customized data tables!

Other Resources

Systematic reviews are complicated! Here are some further resources to help with your study design and nest building:

- **Synthesis:** The process outlined above creates interactive data-visualizations in our Synthesis software.
- **Organizations** give you capabilities like inviting all collaborators at once, overseeing projects, and providing and using [Organizational Templates](#).
- **Study Inspector** is your one-stop page in a nest to view, filter, and edit any study's content.
- **Best Practices for Review:** If you need guidance on how to design, perform, or [draft](#) a systematic review, see our guidance documents!
- **Support:** Please [contact us](#) if you need help with a technical issue, or have a [suggestion](#) for an improvement to our workflow our outputs!

Coming soon: [FAQs](#) page

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