

Giant Salamander Skillbox

Validated, traceable tools for science with AI

readatable

☐ Organizes headers, merged cells, footnotes, statistics, units, groups, time points, sample sizes, and other information from tables in PDFs, Word documents, and images.

☐ Example prompt

“Use readatable to extract Table 2 from this paper and create an Excel file that preserves its headers, footnotes, and blank cells.”

☐ Main outputs

- Tables that preserve the original structure
- Clean, easy-to-read tables
- Long-format data for analysis
- Lists of statistics and variables
- Illegible content and unresolved issues
- Excel, CSV, Markdown, JSON, etc

reviewcitation

☐ Reconciles in-text citations with the reference list and checks citation numbering, Vancouver-style formatting, PubMed records, corrections, retractions, etc.

☐ Example prompt

“Use reviewcitation to review the references. Tell me any citations inconsistent with the text and any published correction notices.”

☐ Main outputs

- Mapping between citation and reference-list entries
- Missing or duplicated references
- PubMed verification records
- Suggested bibliographic corrections
- Correction and retraction information

samplesize200

☐ Helps refine a study plan through chat and uses validated calculation engines to determine required sample size, achieved power, detectable effect, etc.

☐ Example prompt

“Use the samplesize200 Schoenfeld method to calculate the required sample size. The planned hazard ratio is 0.70, the event probabilities are 60% in the control group and 47% in the treatment group, allocation is 1:1, alpha is 5%, and power is 80%.”

☐ Main outputs

- Required sample size: 462 participants
- Depending on the prompt, study examples, calculation methods, and assumptions

Install

☐ GitHub Releases

<https://github.com/gestimation/giant-salamander-skillbox/releases>

☐ All-in-one plugin

giant-salamander-skillbox-1.0.0-rc.2.zip

☐ Individual skills

readatable-0.7.1.zip

reviewcitation-0.3.4.zip

samplesize200-1.0.0-rc.7.zip

☐ Installing ZIP files

1. Download the plugin ZIP or an individual skill ZIP from GitHub Releases.
2. Use the ZIP as downloaded; do not extract or recompress it.
3. Select each ZIP in the plugin interface in ChatGPT web or Claude Code.
4. Confirm that the skill names are displayed.

☐ Installing through a Marketplace

1. Add the GitHub repository as a Marketplace source in Codex or Claude Code.
2. Owner/repository: gestimation/giant-salamander-skillbox
3. Install giant-salamander-skillbox@giant-salamander-skillbox