Resource Summary Report

Generated by PRECISE-TBI on Jul 31, 2026

Robot Reviewer

RRID:SCR_018961
Type: Tool

Proper Citation

Robot Reviewer (RRID:SCR_018961)

Resource Information

URL: https://www.robotreviewer.net/

Proper Citation: Robot Reviewer (RRID:SCR_018961)

Description: Software tool as machine learning system that automatically assesses bias in clinical trials. From PDF formatted trial report determines risks of bias for domains defined by Cochrane Risk of Bias (RoB) tool, and extracts supporting text for these judgments.

Resource Type: text extraction software, software resource, software application

Defining Citation: PMID:26104742

Keywords: Automated review, data mining, manuscript screening, artificial intelligence, automatic evidence synthesis, evidence synthesis, trial conduct information, data trial, bias, bias assessement

Funding: NLM R01 LM012086;
NCI UH2 CA203711;
UK Medical Research Council

Availability: Free, Freely available

Resource Name: Robot Reviewer

Resource ID: SCR_018961

Record Creation Time: 20220129T080342+0000

Record Last Update: 20260731T043042+0000

Ratings and Alerts

No rating or validation information has been found for Robot Reviewer.

No alerts have been found for Robot Reviewer.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Lai NM, et al. (2025) Review Article: The effectiveness of school-based interventions for reducing screen time - a systematic review and meta-analysis. Child and adolescent mental health, 30(3), 223.

Hartung T, et al. (2025) Assessing risk of bias in toxicological studies in the era of artificial intelligence. Archives of toxicology, 99(8), 3065.

Nussbaumer-Streit B, et al. (2023) Rapid reviews methods series: Guidance on team considerations, study selection, data extraction and risk of bias assessment. BMJ evidence-based medicine, 28(6), 418.

Cierco Jimenez R, et al. (2022) Machine learning computational tools to assist the performance of systematic reviews: A mapping review. BMC medical research methodology, 22(1), 322.

Schmidt L, et al. (2021) Data extraction methods for systematic review (semi)automation: A living systematic review. F1000Research, 10, 401.