# SAC Evidence Evaluation Resource Guide

In addition to the guidance documents located on [www.ILCOR.org](http://www.ILCOR.org) , the following links have been found useful by the members of the Scientific Advisory Committee in the evaluation of articles identified by searches and the subsequent systematic review process.

## Software to assist with screening of articles

### Covidence

Web based software to assist in screening of articles and performing an assessment of Risk of Bias. Online help with files/videos to assist.

May be available at your home workplace: institutional licence). Available for free trial, otherwise requires licence:

<https://www.covidence.org/home>

### Rayyan

*“Rayyan is a 100% FREE web application to help systematic review authors perform their job in a quick, easy and enjoyable fashion. Authors create systematic reviews, collaborate on them, maintain them over time and get suggestions for article inclusion.*

*Rayyan also has a mobile app. With this app, you can screen your reviews on the go such as while you are riding the bus. You can even use the app while offline; once connected, the app will automatically sync back to the Rayyan servers!”*

<https://rayyan.qcri.org/welcome>

## Risk of Bias Assessments for Systematic Reviews:

### For SR of Intervention Studies

1. Randomised Controlled Trials use Cochrane ROB-2:

[https://www.riskofbias.info](https://protect-au.mimecast.com/s/ks8dCmOxr6sOLKjzSG_XrP?domain=riskofbias.info)

1. Non-Randomised Trials use ROBINS-I Tool

<https://www.riskofbias.info>

### For SR of Prognostic Factors Studies:

Use linked QUIPS tool (2013 QUIPS Quality ROB Prognostic Studies.xlxs) and two articles that support SRs of Prognostic Factors:

<http://eprints.keele.ac.uk/5761/1/R%20Riley%20-%20A%20guide%20to%20systematic%20review%20and%20meta-analysis....pdf>

<https://s3.amazonaws.com/academia.edu.documents/39007480/Hayden_2013_QUIPS_Risk_of_Bias.pdf?response-content-disposition=inline%3B%20filename%3DAssessing_Bias_in_Studies_of_Prognostic.pdf&X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAIWOWYYGZ2Y53UL3A%2F20191209%2Fus-east-1%2Fs3%2Faws4_request&X-Amz-Date=20191209T110913Z&X-Amz-Expires=3600&X-Amz-SignedHeaders=host&X-Amz-Signature=f6aca29e3d8c8e3c2f44cf3a817dfb7fb4e9e4a1079b89b5980a7b30def412f2>

### For SR of Prediction Models Studies:

Use PROBAST tool:

<http://www.probast.org/Portals/0/Documents/PROBAST_20190515.pdf>

Based on:

<https://annals.org/aim/fullarticle/2719961/probast-tool-assess-risk-bias-applicability-prediction-model-studies>

<https://annals.org/aim/fullarticle/2719962/probast-tool-assess-risk-bias-applicability-prediction-model-studies-explanation>

### For SR of Diagnostic Studies:

All of the documents needed for the QUADAS-2 tool with publications can be found:

[http://www.bristol.ac.uk/population-health-sciences/projects/quadas/](https://protect-au.mimecast.com/s/fidDCnxyvXc8pq7viJqbNZ?domain=bristol.ac.uk)

## Assistance with GRADE

The following links will assist in the use of the method proposed by the Grading of Recommendations, Assessment, Development and Evaluation (GRADE) Working Group.

General instructions and guidance: GRADE handbook: <https://gdt.gradepro.org/app/handbook/handbook.html#h.svwngs6pm0f2>

### Online software to assist with creation of GRADE tables

Evidence Profile, Summary of Findings, and Evidence to Decision tables: GRADEpro:

<https://gradepro.org>

### GRADE Evidence to decision framework:

<https://fhi.brage.unit.no/fhi-xmlui/bitstream/handle/11250/2506759/Moberg_2018_The.pdf?sequence=1>

### GRADE homepage with links to publications:

<https://www.gradeworkinggroup.org>

GRADE online learning modules:

<https://cebgrade.mcmaster.ca>

## General note:

Cochrane just updated their Handbook to Version 6 this month and it is now available on-line:

[https://training.cochrane.org/handbook/current](https://protect-au.mimecast.com/s/Vs5LCoVzwKhOpLrESVnL3q?domain=training.cochrane.org)

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