

Item 24: Study characteristics

Cite each included study report evaluating one or more measurement properties and present its characteristics.

Title	1	Title
Abstract	2	See tip sheets for Abstracts
Summary	3	Plain language summary
Open Science	4	Registration and protocol <i>a. Registration information</i> <i>b. Accession of protocol</i> <i>c. Protocol amendments</i>
	5	Support
	6	Competing interests
	7	Availability of data and other materials
Introduction	8	Rationale
	9	Objectives
Methods	10	Followed guidelines
	11	Eligibility criteria
	12	Information sources
	13	Search strategy
	14	Selection process
	15	Data collection process
	16	Data items
	17	Study risk of bias assessment
	18	Measurement properties
	19	Synthesis methods <i>a. Eligibility processes</i> <i>b. Methods for synthesis</i> <i>c. Causes of inconsistency</i> <i>d. Sensitivity analyses</i>
	20	Certainty assessment
Results	21	Formulating recommendations
	22	Study selection <i>a. Results of search and selection</i> <i>b. Excluded reports with reasons</i>
	23	OMI characteristics <i>a. Characteristics of OMIs</i> <i>b. Interpretability aspects of OMIs</i> <i>c. Feasibility aspects of OMIs</i>
	24	Study characteristics
	25	Risk of bias in studies
	26	Results of individual studies
	27	Results of syntheses <i>a. Results of syntheses conducted</i> <i>b. Results of causes of inconsistency</i> <i>c. Results of sensitivity analyses</i>
28	Certainty of evidence	
29	Recommendations	
Discussion	30	Discussion <i>a. Interpretation of results</i> <i>b. Limitations of evidence</i> <i>c. Limitations of review processes</i> <i>d. Implications</i>



Tips for reporting this item:



- Provide references for each included report.
- Present the key characteristics (e.g., for the population, OMI administration, and evaluated measurement properties) of each study in a table or figure (considering a format that will facilitate comparison of characteristics across the studies).
- If different studies on different measurement properties with different characteristics are described in one study report, report key characteristics for each study separately.



Examples:

In a review examining the measurement properties of situational awareness instruments in healthcare providers, the authors included a table combining the characteristics of included studies with characteristics of included OMIs (item #23a).

The [E&E](#) contains an abridged version of this table.

Ghaderi C et al. Measuring situation awareness in health care providers: a systematic review of measurement properties using COSMIN methodology. *Syst. Rev.*, 2023;12(1):1-15. <https://doi.org/10.1186/s13643-023-02220-6>.

In a review examining the measurement properties of measurement tools for mental health problems in children and adolescents with intellectual disability, the authors included a table presenting for each included study the citation, country, description of the sample, disease characteristics, sample size, study design, rater and measurement properties assessed.

The [E&E](#) contains an abridged version of this table.

Halvorsen MB et al. General measurement tools for assessing mental health problems among children and adolescents with an intellectual disability: a systematic review. *J Autism Dev Disord*, 2023;53(1):132-204. <https://doi.org/10.1007/s10803-021-05419-5>.

From: Elsmann EBM, Mokkink LB, Terwee CB, Beaton D, Gagnier JJ, Tricco AC, et al. Guideline for reporting systematic reviews of outcome measurement instruments (OMIs): PRISMA-COSMIN for OMIs 2024. *J Clin Epidemiol*, 2024. <https://doi.org/10.1016/j.jclinepi.2024.111422>.

More resources are available at www.prisma-cosmin.ca.