



PRISMA 2020 Checklist

Section and Topic	Item #	Checklist item	Location where item is reported
TITLE			
Title	1	Identify the report as a systematic review.	Title page identifies as a 'Systematic Review' and 'Global Systematic Literature Review'.
ABSTRACT			
Abstract	2	See the PRISMA 2020 for Abstracts checklist.	Abstract (structured).
INTRODUCTION			
Rationale	3	Describe the rationale for the review in the context of existing knowledge.	Introduction: opening paragraphs providing context and rationale.
Objectives	4	Provide an explicit statement of the objective(s) or question(s) the review addresses.	Research Objectives section (explicit objectives listed).
METHODS			
Eligibility criteria	5	Specify the inclusion and exclusion criteria for the review and how studies were grouped for the syntheses.	Methods: Methodology of SLR (Eligibility Criteria); Appendix A (protocol).
Information sources	6	Specify all databases, registers, websites, organisations, reference lists and other sources searched or consulted to identify studies. Specify the date when each source was last searched or consulted.	Methods: Information sources listed in Appendix A (protocol).
Search strategy	7	Present the full search strategies for all databases, registers and websites, including any filters and limits used.	Appendix A (protocol) has full search terms/strategy (with scope described in Methods).
Selection process	8	Specify the methods used to decide whether a study met the inclusion criteria of the review, including how many reviewers screened each record and each report retrieved, whether they worked independently, and if applicable, details of automation tools used in the process.	Methods: Title/Abstract and Full-Text screening; EPPI-Reviewer used. Study selection was conducted by a single reviewer who screened all titles, abstracts, and full-text reports against the predefined inclusion criteria.
Data collection process	9	Specify the methods used to collect data from reports, including how many reviewers collected data from each report, whether they worked independently, any processes for obtaining or confirming data from study investigators, and if applicable, details of automation tools used in the process.	Methods: EPPI-Reviewer used for data extraction/synthesis. Data collection and extraction were conducted by a single reviewer using EPPI-Reviewer software. No independent duplicate data extraction was performed.
Data items	10a	List and define all outcomes for which data were sought. Specify whether all results that were compatible with each outcome domain in each study were sought (e.g. for all measures, time points, analyses), and if not, the methods used to decide which results to collect.	Outcomes: critical risk factors affecting time & cost; frequencies (%). Used methods: frequency index; Results: Table 4.
	10b	List and define all other variables for which data were sought (e.g. participant and intervention characteristics, funding sources). Describe any assumptions made about any missing or unclear information.	Other variables: challenges in risk classification, categorisation: recommended classification; geography, data collection - risk types.
Study risk of bias assessment	11	Specify the methods used to assess risk of bias in the included studies, including details of the tool(s) used, how many reviewers assessed each study and whether they worked independently, and if applicable, details of automation tools used in the process.	Risk of bias was assessed using the Mixed Methods Appraisal Tool (MMAT, 2018) for all included studies. Each study was rated on five criteria according to its design, and the number of criteria met was reported



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Effect measures	12	Specify for each outcome the effect measure(s) (e.g. risk ratio, mean difference) used in the synthesis or presentation of results.	Effect measure: Frequency (%) of occurrence (frequency formula).
Synthesis methods	13a	Describe the processes used to decide which studies were eligible for each synthesis (e.g. tabulating the study intervention characteristics and comparing against the planned groups for each synthesis (item #5)).	Eligibility for synthesis was determined by applying the predefined inclusion criteria to all studies that passed full-text screening (n = 83). Each study contributed extracted data on identified risk factors, which were summarised narratively and by frequency counts.
	13b	Describe any methods required to prepare the data for presentation or synthesis, such as handling of missing summary statistics, or data conversions.	Data preparation: frequency (%) calculation; no imputation/conversions reported.
	13c	Describe any methods used to tabulate or visually display results of individual studies and syntheses.	Tabulation/visualisation: Table 3 (individual studies), Table 4 (synthesis); Figures 1–2.
	13d	Describe any methods used to synthesize results and provide a rationale for the choice(s). If meta-analysis was performed, describe the model(s), method(s) to identify the presence and extent of statistical heterogeneity, and software package(s) used.	Narrative synthesis with frequency counts was used; no meta-analysis (heterogeneous designs).
	13e	Describe any methods used to explore possible causes of heterogeneity among study results (e.g. subgroup analysis, meta-regression).	Investigations of heterogeneity is not conducted; Descriptive subgrouping by geography only.
	13f	Describe any sensitivity analyses conducted to assess robustness of the synthesized results.	Sensitivity analyses are not conducted.
Reporting bias assessment	14	Describe any methods used to assess risk of bias due to missing results in a synthesis (arising from reporting biases).	Reporting bias assessment: not assessed.
Certainty assessment	15	Describe any methods used to assess certainty (or confidence) in the body of evidence for an outcome.	Certainty/confidence in evidence: not assessed.
RESULTS			
Study selection	16a	Describe the results of the search and selection process, from the number of records identified in the search to the number of studies included in the review, ideally using a flow diagram.	Study selection results: Figure 1 flow diagram (1295 records → 83 included).
	16b	Cite studies that might appear to meet the inclusion criteria, but which were excluded, and explain why they were excluded.	Excluded studies with reasons: not reported.
Study characteristics	17	Cite each included study and present its characteristics.	Study characteristics: Table 3 (author, year, location, method, key risks).
Risk of bias in studies	18	Present assessments of risk of bias for each included study.	Risk of bias was assessed for each included study using the Mixed Methods Appraisal Tool (MMAT, 2018). The number of criteria met (out of 5) was reported for all 83 studies.
Results of individual studies	19	For all outcomes, present, for each study: (a) summary statistics for each group (where appropriate) and (b) an effect estimate and its precision (e.g. confidence/credible interval), ideally using structured tables or plots.	Results of individual studies: Table 3 (key risk factors per study); no effect estimates.
Results of	20a	For each synthesis, briefly summarise the characteristics and risk of bias among contributing studies.	Characteristics of included studies were summarised, and risk of bias was



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syntheses			assessed using the Mixed Methods Appraisal Tool (MMAT, 2018). The number of criteria met (out of 5) was reported for all 83 studies.
	20b	Present results of all statistical syntheses conducted. If meta-analysis was done, present for each the summary estimate and its precision (e.g. confidence/credible interval) and measures of statistical heterogeneity. If comparing groups, describe the direction of the effect.	Results: frequency % for each risk (Table 4; narrative text). No meta-analysis.
	20c	Present results of all investigations of possible causes of heterogeneity among study results.	Investigations of heterogeneity: not conducted.
	20d	Present results of all sensitivity analyses conducted to assess the robustness of the synthesized results.	Sensitivity analyses: not conducted.
Reporting biases	21	Present assessments of risk of bias due to missing results (arising from reporting biases) for each synthesis assessed.	Reporting biases due to missing results: not assessed.
Certainty of evidence	22	Present assessments of certainty (or confidence) in the body of evidence for each outcome assessed.	Certainty of evidence: not assessed.
DISCUSSION			
Discussion	23a	Provide a general interpretation of the results in the context of other evidence.	Discussion: Implications and Relevance of Findings; Conclusion (overall interpretation).
	23b	Discuss any limitations of the evidence included in the review.	Discussion: Challenges in Risk Classification Across Literature (limitations of evidence).
	23c	Discuss any limitations of the review processes used.	Limitations of review processes: not explicitly discussed.
	23d	Discuss implications of the results for practice, policy, and future research.	Implications for practice/policy/future research: Implications and Relevance of Findings.
OTHER INFORMATION			
Registration and protocol	24a	Provide registration information for the review, including register name and registration number, or state that the review was not registered.	Registration: https://doi.org/10.17605/OSF.IO/KTWJG
	24b	Indicate where the review protocol can be accessed, or state that a protocol was not prepared.	Protocol access: Appendix A.
	24c	Describe and explain any amendments to information provided at registration or in the protocol.	Amendments to registration/protocol: not applicable / not reported.
Support	25	Describe sources of financial or non-financial support for the review, and the role of the funders or sponsors in the review.	Support/Funding: Funding section (Bolashak International Scholarship).
Competing interests	26	Declare any competing interests of review authors.	Competing interests: Conflicts of Interest, none declared.
Availability of data, code and other materials	27	Report which of the following are publicly available and where they can be found: template data collection forms; data extracted from included studies; data used for all analyses; analytic code; any other materials used in the review.	Availability of data/code/materials: not reported; Appendix A provides search protocol.