**SEARCH TERMS**

**Web of Science**

(Disabl\* or Disabilit\* or Handicap\*)

AND

(“Social security” OR “public assistance” OR “disability insurance” OR (disab\* NEAR/3 insurance) OR “social protection” OR “social securit\*” OR (safety NEAR/3 net\*) OR (cash NEAR/3 transfer\*) OR pension\* OR “social assistance” OR “Social insurance” or (micro NEAR/3 insurance) OR (disabilit\* NEAR/3 grant\*) OR (disabilit\* NEAR/3 benefit\*) OR “social pension\*” OR “universal pension\*” or (social NEAR/2 health NEAR/2 protection\*) OR “invalidity benefit\*” OR “income maintenance” OR (work NEAR/2 injur\*) OR (employment NEAR/2 injur\*) or "health insurance")

AND

(“least developed countr\*” OR “least developed nation\*” OR “least developed world” OR “least-developed countr\*” OR “least-developed nation\*” OR “less-developed countr\*” OR “less-developed nation\*” OR “less developed countr\*” OR “less developed nation\*” OR “developing countr\*” OR “developing nation\*” OR “developing world” OR “ under-developed countr\*” OR “under developed countr\*” OR “underdeveloped countr\*” OR “under-developed nation\*” OR “under developed nation\*” OR “underdeveloped nation\*” OR “under-developed world” OR “under developed world” OR “underdeveloped world” OR “under-developed econom\*” OR “under developed econom\*” OR “underdeveloped econom\*” OR “third world countr\*” OR “third world nation\*” OR “third-world countr\*” OR “third-world nation\*” OR “low- and middle-income countr\*” OR “low and middle income countr\*” OR “low- and middle-income nation\*” OR “low and middle income nation\*” OR “low- and middle-income world” OR “low and middle income world” OR “low- and middle-income econom\*” OR “low and middle income econom\*” OR “low income countr\*” OR “middle income countr\*” OR “low-income countr\*” OR “middle-income countr\*” OR “low income nation\*” OR “middle income nation\*” OR “low-income nation\*” OR “middle-income nation\*” OR “low income world” OR “middle income world” OR “low-income world” OR “middle-income world” OR “low income econom\*” OR “middle income econom\*” OR “low-income econom\*” OR “middle-income econom\*”) OR ((LIC or LICs or MIC or MICs or LMIC or LMICs or LAMIC or LAMICs or “LAMI countr\*” or “third world”)) OR ((“Transitional countr\*” or “Transitional econom\*” or “Transition countr\*” or “Transition econom\*”)) OR ((Africa or Asia or Caribbean or “West Indies” or “Latin America” or “Central America” or “South America”))

**EconLit**

(Disabl\* or Disabilit\* or Handicap\*).sh,ti,ab

AND

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**ERIC, ProQuest databases**

(Disabl\* or Disabilit\* or Handicap\*)

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**ASSESSMENT CRITERIA BY STUDY DESIGN**

**Quantitative studies**

* 1. Sampling methods
	+ Was the sample representative of the broader population?
	+ Was recruitment of participants appropriate to the study question?
	+ Adequate sample size (>100 or sample size calculation undertaken)
	+ Response rate reported and acceptable (≥70%)
	+ Control group is appropriate, clearly defined (if applicable)
* 2. Data collection
	+ Sample characteristics clearly described
	+ Means of collecting data (e.g. assessment tool, questionnaire, etc) valid, reliable
* 3. Data analysis/interpretation
	+ Potential confounders taken into account during the analysis and interpretation
	+ Tests for statistical significance undertaken, presented systematically

**Qualitative studies (adapted from RATS)**

* 1. Study design
	+ Study design is appropriate to the research question
		- Could a quantitative approach have worked better?
		- Justified why a particular method was chosen, e.g.:
			* Interviews: experience, perceptions, behaviour, practice
			* Focus groups: group dynamics, convenience, non-sensitive topics
			* Ethnography: culture, organisational behaviour, interaction
* 2. Sampling methods
	+ Criteria for selecting study sample is appropriate
		- E.g. purposive (diversity of opinion), random (generalisable to broader population), volunteer (hard to reach groups)
	+ Details given of how recruitment was conducted and by whom
	+ Details given on who chose not to participate and why
* 3. Data collection
	+ Collection of data is comprehensive and appropriate
		- Was the study setting appropriate? E.g. protection of confidentiality for sensitive discussions
		- Is the role of the researcher(s) appropriate? How might they bias the study and results? e.g. Do researchers occupy dual roles (clinician and researcher)?
* 4. Data analysis/interpretation
	+ Are interpretations clearly presented and supported adequately by evidence?
		- Indicators of quality:
			* Description of how themes were derived from the data (inductive or deductive)
			* Semi-quantification when appropriate
			* Quote use appropriate, effective
			* Analysis/presentation of negative/deviant cases, alternative explanations
			* Method of reliability check (e.g. triangulation, independent review of data to contest themes)
	+ Are findings generalisable to a broader population?

Rubric

Low All or almost of the above criteria were fulfilled, and those that were not fulfilled were thought unlikely to alter the conclusions of the study.

Medium Some of the above criteria were fulfilled, and those not fulfilled were thought unlikely to alter the conclusions of the study.

High Few or no criteria were fulfilled, and the conclusions of the study were thought likely or very likely to alter with their inclusion.

Table 1. Risk of bias in the included studies

|  |  |  |
| --- | --- | --- |
| *Citation* | *Overall risk of bias* | *Main sources of potential bias* |
| Berry & Smit (2011) | High | Findings not generalizable or statistically valid due to small sample size (n=18) recruited through convenience sampling; assessment tools not validated in local context.  |
| Goldblatt (2009) | High | Lack of information on methodology for data collection, analysis and interpretation. |
| Graham et al (2012) | High | No information on sample characteristics; no statistical analysis or control for confounding; lack of information on sampling methods. |
| Jelsma et al (2008) | Medium | Potential selection bias, lack of control from confounding. |
| Levine et al (2011) | Low | Potential low reliability of some questions in data collection instrument. |
| Li et al (2013) | Medium | Lack of methodology on data analysis. |
| Loyalka et al (2014) | Medium | Sources of data may not be directly comparable; no tests for statistical significance undertaken. |
| Macgregor (2006) | High | Limited generalizability (observations from 1 clinic); lack of information on methodology; potential bias from researcher/clinician dual role. |
| Mitra (2008) | Medium | Issues around compatibility of two data sources; potential ecological fallacy. |
| Mitra (2010) | Low | Slight reliability issues of some questions in data collection instrument; secondary data analysis with sampling strategy not defined. |
| Palmer & Nguyen (2012) | Low | Potential issues in compatibility of two data sources. |
| Palmer et al (2012) | Low | n/a |
| Palmer (2014) | Low | n/a |
| Saloojee et al (2007) | Medium | Predominantly descriptive analysis with limited statistical inference; use of snowball sampling limits generalizability. |
| Vazquez et al (2011) | Medium | Potential selection bias; method of recruitment unclear. |