

Annex 1: Analysis of methodological quality of qualitative studies

Table S1. Analysis of the methodological quality of the examined articles.

Nº Ítem	SECTION, TOPIC, ITEM LIST	[23]	[39]	[13]	[40]	[41]
Title and abstract						
1a	Title - Concise description of the nature and topic of the study Identifying the study as qualitative or indicating the approach (e.g., ethnography, grounded theory) or data collection methods (e.g., interview, focus group) is recommended	1	1	1	1	1
1b	Abstract - Summary of key elements of the study using the abstract format of the intended publication; typically includes background, purpose, methods, results, and conclusions	1	0	1	1	1
Introduction						
2a	Problem formulation - Description and significance of the problem/phenomenon studied; review of relevant theory and empirical work; problem statement	1	1	1	1	1
2b	Purpose or research question - Purpose of the study and specific objectives or questions	1	0	1	0	0
Methods						
3a	Qualitative approach and research paradigm - Qualitative approach (e.g., ethnography, grounded theory, case study, phenomenology, narrative research) and guiding theory if appropriate; identifying the research paradigm (e.g., postpositivist, constructivist/ interpretivist) is also recommended; rationale**	1	0	1	0	1
3b	Researcher characteristics and reflexivity - Researchers' characteristics that may influence the research, including personal attributes, qualifications/experience, relationship with participants, assumptions, and/or presuppositions; potential or actual interaction between researchers' characteristics and the research questions, approach, methods, results, and/or transferability	0	0	0	0	0
3c	Context - Setting/site and salient contextual factors; rationale**	1	1	1	0	1
3d	Sampling strategy - How and why research participants, documents, or events were selected; criteria for deciding when no further sampling was necessary (e.g., sampling saturation); rationale**	1	0	1	0	1
3e	Ethical issues pertaining to human subjects - Documentation of approval by an appropriate ethics review board and participant consent, or explanation for lack thereof; other confidentiality and data security issues	0	0	1	0	0
3f	Data collection methods - Types of data collected; details of data collection procedures including (as appropriate) start and stop dates of data collection and analysis, iterative process, triangulation of sources/methods, and modification of procedures in response to evolving study findings; rationale**	1	0	1	0	1
3g	Data collection instruments and technologies - Description of instruments (e.g., interview guides, questionnaires) and devices (e.g., audio recorders) used for data collection; if/how the instrument(s) changed over the course of the study	0	0	1	0	1
3h	Units of study - Number and relevant characteristics of participants, documents, or events included in the study; level of participation (could be reported in results)	1	0	1	0	1
3i	Data processing - Methods for processing data prior to and during analysis, including transcription, data entry, data management and security, verification of data integrity, data coding, and anonymization/de-identification of excerpts	1	0	1	0	0
3j	Data analysis - Process by which inferences, themes, etc., were identified and developed, including the researchers involved in data analysis; usually references a specific paradigm or approach; rationale**	0	0	1	0	0

3k	Techniques to enhance trustworthiness - Techniques to enhance trustworthiness and credibility of data analysis (e.g., member checking, audit trail, triangulation); rationale**	0	0	0	0	0
Results/findings						
4a	Synthesis and interpretation - Main findings (e.g., interpretations, inferences, and themes); might include development of a theory or model, or integration with prior research or theory	1	1	1	1	1
4b	Links to empirical data - Evidence (e.g., quotes, field notes, text excerpts, photographs) to substantiate analytic findings	0	0	0	0	0
Discussion						
5a	Integration with prior work, implications, transferability, and contribution(s) to the field - Short summary of main findings; explanation of how findings and conclusions connect to, support, elaborate on, or challenge conclusions of earlier scholarship; discussion of scope of application/generalizability; identification of unique contribution(s) to scholarship in a discipline or field	1	1	1	1	1
5b	Limitations - Trustworthiness and limitations of findings	1	0	1	0	0
Other						
6a	Conflicts of interest - Potential sources of influence or perceived influence on study conduct and conclusions; how these were managed	1	0	1	1	1
6b	Funding - Sources of funding and other support; role of funders in data collection, interpretation, and reporting	1	0	1	1	1
TOTAL		15	5	18	7	13

Annex 2: Analysis of methodological quality of quantitative studies

Table S2. Analysis of the methodological quality of the examined articles.

Nº	Item	[37]	[38]	[13]	[42]
<u>Title and Abstract</u>					
1a	Identification of the type of study in the title	1	1	1	1
1b	Structured summary of objective, methods, results, and conclusions	1	1	1	1
<u>Introduction</u>					
<u>Background and Objectives</u>					
2a	Scientific background and explanation of rationale	1	1	1	1
2b	Specific objectives or hypotheses	1	1	1	1
<u>Methods</u>					
<u>Participants</u>					
3a	Eligibility criteria for participants	1	1	1	1
3b	Settings and locations where the data were collected	1	0	0	0
3c	A table showing baseline demographic characteristics for each group	1	0	0	0
<u>Sample Size</u>					
4a	The sample size has been determined	1	1	1	1
4b	When applicable, explanation of how sample size was determined	1	1	1	1

	Procedure				
5a	The procedure have sufficient details to allow replication, including how and when they were actually administered	1	1	1	1
	Instrument or Tools				
6a	Completely defined pre-specified primary and secondary outcome measures, including how and when the were assessed	1	1	1	1
6b	Use of validity and reliability tools.	1	1	1	1
	Implementation				
7a	Who made each part of study	1	0	0	0
	Statistical Methods				
8a	Statistical methods used to analyse the results	1	1	1	1
8b	Use of Methods for additional analyses to objective of study	0	0	0	0
	Results				
	Outcomes and Estimation				
9a	A table or figure showing outputs of analysis more relevant of study	0	1	1	1
	Discussion				
	Interpretation				
10a	Interpretation consistent with results, balancing benefits and harms, and considering other relevant evidence	1	1	1	1
	Limitations				
11a	Study limitations, addressing sources of potential bias, imprecisions, etc.	0	0	1	0
	Practisal Implication				
12a	Main applicability to results of study	1	0	0	0
	Other Information				
	Funding				
13a	Sources of funding and other support, role of funders	0	0	1	0
	TOTAL	16	13	15	13