

Supplementary material S3 - Mixed Methods Appraisal Tool (MMAT) checklist items [39].

	Methodological quality criteria
1. Screening questions (for all types)	<p>1.1. Are there clear research questions?</p> <p>1.2 Do the collected data allow to address the research questions?</p>
2. Qualitative studies	<p>2.1. Is the qualitative approach appropriate to answer the research question?</p> <p>2.2. Are the qualitative data collection methods adequate to address the research question?</p> <p>2.3. Are the findings adequately derived from the data?</p> <p>2.4. Is the interpretation of results sufficiently substantiated by data?</p> <p>2.5. Is there coherence between qualitative data sources, collection, analysis and interpretation?</p>
3. Quantitative descriptive studies	<p>3.1. Is the sampling strategy relevant to address the research question?</p> <p>3.2. Is the sample representative of the target population?</p> <p>3.3. Are the measurements appropriate?</p> <p>3.4. Is the risk of nonresponse bias low?</p> <p>3.5. Is the statistical analysis appropriate to answer the research question?</p>
4. Mixed method studies	<p>4.1. Is there an adequate rationale for using a mixed methods design to address the research question?</p> <p>4.2. Are the different components of the study effectively integrated to answer the research question?</p> <p>4.3. Are the results adequately brought together into overall interpretations?</p> <p>4.4. Are divergences and inconsistencies between quantitative and qualitative results adequately addressed?</p> <p>4.5. Do the different components of the study adhere to the quality criteria of each tradition of the methods involved?</p>

Quality evaluation of the included studies

Code	Methodology	Transversal questions		Specific questions based on the study design					Score
		Question 1	Question 2	Question 3	Question 4	Question 5	Question 6	Question 7	
40	Qualitative	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7
41	Quantitative	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7
42	Qualitative	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7
25	Mixed	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7
43	Quantitative	Yes	Yes	Yes	Yes	Yes	CT	Yes	6
44	Qualitative	Yes	Yes	Yes	Yes	Yes	Yes	CT	6
45	Quantitative	Yes	Yes	Yes	CT	CT	CT	Yes	4
46	Mixed	Yes	Yes	Yes	Yes	CT	CT	CT	4
47	Quantitative	Yes	Yes	Yes	Yes	CT	CT	CT	4
48	Qualitative	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7
49	Qualitative	Yes	Yes	Yes	Yes	Yes	Yes	CT	6
50	Mixed	Yes	Yes	Yes	Yes	Yes	CT	CT	5
51	Quantitative	Yes	Yes	CT	CT	Yes	CT	Yes	4
52	Quantitative	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7
53	Quantitative	Yes	Yes	Yes	CT	CT	CT	Yes	4
54	Mixed	Yes	Yes	Yes	Yes	CT	CT	CT	4
55	Qualitative	Yes	Yes	Yes	Yes	CT	CT	CT	4
56	Qualitative	Yes	Yes	Yes	Yes	Yes	CT	CT	5
57	Qualitative	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7
58	Quantitative	Yes	Yes	Yes	Yes	Yes	CT	CT	5
59	Quantitative	Yes	Yes	CT	Yes	Yes	CT	Yes	5
60	Qualitative	Yes	Yes	Yes	Yes	Yes	Yes	CT	6
61	Qualitative	Yes	Yes	Yes	Yes	CT	CT	Yes	5
62	Mixed	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7
63	Qualitative	Yes	Yes	Yes	Yes	CT	CT	CT	4
64	Qualitative	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7
23	Quantitative	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7
65	Quantitative	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7
66	Qualitative	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7
67	Qualitative	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7
13	Mixed	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7
68	Qualitative	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7
69	Mixed	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7
70	Qualitative	Yes	CT	Yes	Yes	Yes	CT	CT	4
71	Qualitative	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7
12	Quantitative	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7
72	Quantitative	Yes	Yes	CT	CT	Yes	CT	Yes	4
73	Quantitative	Yes	Yes	CT	CT	Yes	CT	Yes	4
74	Qualitative	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7
75	Quantitative	Yes	Yes	CT	CT	Yes	CT	Yes	4
76	Mixed	Yes	Yes	Yes	Yes	Yes	CT	CT	5
77	Quantitative	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7
22	Quantitative	Yes	Yes	Yes	Yes	Yes	CT	CT	5
78	Quantitative	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7
79	Qualitative	Yes	CT	Yes	CT	Yes	Yes	CT	4
80	Mixed	Yes	Yes	Yes	Yes	Yes	Yes	Yes	7
81	Qualitative	Yes	Yes	Yes	CT	Yes	CT	Yes	5
82	Quantitative	Yes	Yes	Yes	CT	Yes	CT	Yes	5