
S1: Quality Assessment Tool for Quantitative Studies Dictionary

[illegible]

A - SELECTION BIAS

Q1	Are the individuals selected to participate in the study likely to be representative of the target population?	2 - Somewhat likely	2 - Somewhat likely	2 - Somewhat likely	2 - Somewhat likely	2 - Somewhat likely
Q2	What percentage of selected individuals agreed to participate?	5 - Can't tell	1 - 80-100%	1 - 80-100%	1 - 80-100%	1 - 80-100%
	Rate of the section	2	2	2	2	2

B - STUDY DESIGN

Q1	Indicate the study design	5 - Cohort (1 group, pre+post)	5 - Cohort (1 group, pre+post)	5 - Cohort (1 group, pre+post)	3 - Cohort analytic (2 groups, pre+post)	3 - Cohort analytic (2 groups, pre+post)
Q2	Was the study described as randomized? If NO, go to Component C.	No	No	No	No	No
Q3	If Yes, was the method of randomization described? (See dictionary)	NR	NR	NR	NR	NR
Q4	If Yes, was the method appropriate? (See dictionary)	NR	NR	NR	NR	NR
	Rate of the section	2	2	2	2	2

C - CONFOUNDERS

Q1	Were there important differences between groups prior to the intervention?	2 - No	2 - No	2 - No	1 - Yes	2 - No
Q2	If yes, indicate the percentage of relevant confounders that were controlled (either in the design (e.g. stratification, matching) or analysis)?	NR	NR	NR	1 - 80-100% (most)	NR
Rate of the section		1	1	1	1	1
D - BLINDING						
Q1	Was (were) the outcome assessor(s) aware of the intervention or exposure status of participants?	3 - Can't tell	3 - Can't tell	3 - Can't tell	3 - Can't tell	3 - Can't tell
Q2	Were the study participants aware of the research question?	3 - Can't tell	3 - Can't tell	3 - Can't tell	3 - Can't tell	3 - Can't tell
Rate of the section		2	2	2	2	2
E - DATA COLLECTION METHODS						
Q1	Were data collection tools shown to be valid?	3 - Can't tell	3 - Can't tell	1 - Yes	1 - Yes	1 - Yes
Q2	Were data collection tools shown to be reliable?	3 - Can't tell	3 - Can't tell	1 - Yes	1 - Yes	1 - Yes
Rate of the section		3	3	1	1	1
F - WHITDRAWLS AND DROPOUTS						
Q1	Were withdrawals and drop-outs reported in terms of numbers and/or reasons per group?	2 - No	2 - No	1 - Yes	1 - Yes	3 - Can't tell

Q2	Indicate the percentage of participants completing the study. (If the percentage differs by groups, record the lowest).	1 - 80-100%	1 - 80-100%	1 - 80-100%	3 - Less than 60%	1 - 80-100%
Rate of the section		1	1	1	3	1
G - INTERVENTION INTEGRITY						
Q1	What percentage of participants received the allocated intervention or exposure of interest?	1 - 80-100%	1 - 80-100%	1 - 80-100%	1 - 80-100%	3 - Less than 60%
Q2	Was the consistency of the intervention measured?	2 - No	2 - No	2 - No	2 - No	2 - No
Q3	Is it likely influence that subjects received an unintended intervention (contamination or co-intervention) that may the influence results?	4 - Yes	4 - Yes	6 - Can't tell	5 - No	5 - No
H - ANALYSIS						
Q1	Indicate the unit of allocation (circle one)	community	community	community	community	community
Q2	Indicate the unit of analysis (circle one)	community	community	community	community	community
Q3	Are the statistical methods appropriate for the study design?	2 - No	1 - Yes	1 - Yes	1 - Yes	1 - Yes
Q4	Is the analysis performed by intervention allocation status (i.e. intention to treat) rather than the actual intervention received?	2 - No	3 - Can't tell	3 - Can't tell	1 - Yes	2 - No
FINAL DECISION:		MODERATE	MODERATE	STRONG	MODERATE	STRONG

Legend: 1=strong; 2=moderate; 3=weak; NR=Not Reported.