

Supplementary material 2

Quality of studies included using the MERSQI (n=39 excluding the case study)

Item (max. points)	Detailed scores	No. (%)
Study design (3)	Cross-sectional (1)	25 (64.1)
	Single-group pretest and posttest (1.5)	4 (10.26)
	Non-randomized, 2 groups (including cohort studies) (2)	10 (25.64)
Sampling institutions (1.5)	1 institution (0.5)	10 (25.64)
	3 or more institutions (1.5)	29 (74.35)
Sampling: response rate (1.5)	NA	21 (53.84)
	<50% or not reported (0.5)	9 (23.07)
	50%-74% (1)	6 (15.38)
	> 75% (1.5)	3 (7.69)
Type of data (3)	Assessment by study participants (1)	16 (41.02)
	Objective (3)	23 (58.97)
Validity evidence (3)	NA	27 (69.23)
	Internal Structure (1)	6 (15.38)
	Content (1)	8 (20.51)
	Relationship to other variables (1)	2 (5.13)
Data analysis: sophistication (2)	Descriptive analysis only (1)	2 (5.13)
	Beyond descriptive analysis (2)	37 (94.87)
Data analysis: appropriate (1)	Data analysis appropriate for study design and type of data (1)	39 (100)
Outcome (2)	Attitudes, perceptions, opinions, general facts (1)	34 (87.17)
	Knowledge, skills (1.5)	2 (5.13)
	Behaviors (2)	3 (7.69)