Quality assessment criteria for survey research reports

Category	Item	Reported on Page Number/Line Number	Reported on Section/Paragraph
Title and abstract	·	·	
	Is the design of the study stated in the title and/or abstract?	Page 3/Line 11-12	Abstract
Introduction			
	a) Is there an explanation of why the research is necessary, placing the study in context of previous work in relevant fields?	Pages 5/Lines 88-92	Introduction, paragraph 6
	b) Is the purpose or aim of the paper explained?	Page 8/ Lines 93-98	Introduction, paragraph 7
Methods			•••••
Research tool	a) Is the questionnaire described?	Pages 9/Lines 125- 129	Materials and Methods, paragraph 1
	b) If an existing tool was used, are its psychometric properties presented?	N/A (new tool)	N/A
	c) If an existing tool was used, are references to the original work provided?	N/A (new tool)	N/A
	d) If a new tool was used, are the procedures used to develop and pre-test provided?	Page 9/Lines 131-133	Materials and Methods, paragraph 1
	e) If a new tool was used, have its reliability and validity been reported?	Page 9/Lines 131-133	Materials and Methods, paragraph 1
	f) Is a description of the scoring procedures provided?	Pages 9/Lines 129- 131	Materials and Methods, paragraph 1
Sample selection	a) Is there a description of the survey population and the sample frame used to identify this population?	Page 9/Lines 135-137	Materials and Methods, paragraph 2
	b) Do the authors provide a description of how representative the sample is of the underlying population?	Page 10/Lines 154- 157	Results, paragraph 1

	c) Is a sample size calculation or rationale/justification for the sample size presented?	Page 9/Line 134-138	Material and Methods, paragraph 2
Survey administration	a) Mode of administration?	Page 9/Lines 138-140	Materials and Methods, paragraph 2
	b) Do the authors provide information on the type of contact and how many attempts were made to contact subjects (i.e., prenotification by letter or telephone, reminder postcard, duplicate questionnaire with reminder)?	Page 9-10/Lines 138- 143	Materials and Methods, paragraph 2
	c) Do the authors report whether incentives were provided (financial or other)?	Page 10/Line 141-142	Materials and Methods, paragraph 2
	d) Is there a description of who approached potential participants (e.g., identification of who signed the covering letter)?	Page 9/ Lines 136- 138	Materials and Methods, paragraph 1
Analysis			
	a) Is the method of data analysis described?	Page 10/Line 145-151	Materials and Methods, paragraph 3
	b) Do the authors provide methods for analysis of nonresponse error?	P10/Line 142-143. We mention how we minimized nonresponse bias. However, as nonresponders did not sign the consent form, we did not gather information about them.	Materials and Methods, paragraph 2
	c) Is the method for calculating response rate provided?	Page 10/Line 148-149	Material and Methods, paragraph 3
	d) Are definitions provided for complete versus partial completions?	N/A Responders completed all	N/A

		questions of the	
	e) Are the methods for handling item missing data provided?	survey. N/A no missing data is reported	N/A
Results			
	a) Is the response rate reported?	Page 10/Line 154	Results, paragraph
	b) Are all respondents accounted for?	Page 10/ Line 154- 156	Results, paragraph 1
	c) Is information given on how nonrespondents differ from respondents?	N/A We do not have information about non responders	N/A
	d) Are the results clearly presented?	Page 10-11	Results
	e) Do the results address the objective(s)?	Page 10-11	Results
Discussion		· -	·
	a) Are the results summarized with reference to the study objectives?	Page 12-15/Line 128- 248	Discussion, paragraph 1-3
	b) Are the strengths of the study stated?	Page 16/ Line 280- 281	Discussion, paragraph 9
	c) Are the limitations of the study (taking into account potential sources of bias or imprecision) stated?	Page 16/ Line 281- 292	Discussion, paragraph 9
	d) Is there explicit discussion of the generalizability (external validity) of the results?	Page 16/ Line 282- 284	Discussion, paragraph 9
Ethical quality indicators	· · · ·		
	a) Study funding reported?	Page 17/ Line 319	Funding information
	b) Research Ethics Board (REB) review reported?	Page 18/Line 330-335	Ethical Statement
	c) Reporting of subject consent procedures?	Page 18/Line 330-335	Ethical Statement

Article information: https://dx.doi.org/10.21037/apm-22-422

*As the checklist was provided upon initial submission, the page number/line number reported may be changed due to copyediting and may not be referable in the published version. In this case, the section/paragraph may be used as an alternative reference.