

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 2/Line 37-67	Abstract/paragraph 1-4
Introduction			
	a) Is there an explanation of why the research is necessary, placing the study in context of previous work in relevant fields?	Page 3-4/Line 75-105	Introduction/Paragraph 1
	b) Is the purpose or aim of the paper explained?	Page 3-4/Line 75-105	Introduction/Paragraph 1
Methods			
Research tool	a) Is the questionnaire described?	Page 4/Line 119-131	Methods/Paragraph 2
	b) If an existing tool was used, are its psychometric properties presented?	N/A	N/A
	c) If an existing tool was used, are references to the original work provided?	N/A	N/A
	d) If a new tool was used, are the procedures used to develop and pre-test provided?	N/A	N/A
	e) If a new tool was used, have its reliability and validity been reported?	N/A	N/A
	f) Is a description of the scoring procedures provided?	Page 4/Line 119-131	Methods/Paragraph 2
Sample selection	a) Is there a description of the survey population and the sample frame used to identify this population?	Page 4/Line 113-115	Methods/Paragraph 1
	b) Do the authors provide a description of how representative the sample is of the underlying population?	Page 4/Line 113-115	Methods/Paragraph 1
	c) Is a sample size calculation or rationale/justification for the sample size presented?	N/A	N/A
Survey administration	a) Mode of administration?	Page 4/Line 119-131	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 4/Line 119-131	Methods/Paragraph 2
	c) Do the authors report whether incentives were provided (financial or other)?	N/A	N/A
	d) Is there a description of who approached potential participants (e.g., identification of who signed the covering letter)?	N/A	N/A

Analysis	a) Is the method of data analysis described?	Page 5/Line 135-140	Methods/Paragraph3
	b) Do the authors provide methods for analysis of nonresponse error?	N/A	N/A
	c) Is the method for calculating response rate provided?	N/A	N/A
	d) Are definitions provided for complete versus partial completions?	N/A	N/A
	e) Are the methods for handling item missing data provided?	N/A	N/A
Results			
	a) Is the response rate reported?	Page 5/Line 145-155	Results/Paragraph 1
	b) Are all respondents accounted for?	Page 5/Line 145-155	Results/Paragraph 1
	c) Is information given on how nonrespondents differ from respondents?	N/A	N/A
	d) Are the results clearly presented?	Page 5-8/Line 145-243	Results/Paragraph 1-8
	e) Do the results address the objective(s)?	Page 5-8/Line 145-243	Results/Paragraph 1-8
Discussion			
	a) Are the results summarized with reference to the study objectives?	Page 8/Line 247-263	Discussion/Paragraph 1
	b) Are the strengths of the study stated?	Page 8/Line 247-263	Discussion/Paragraph 1
	c) Are the limitations of the study (taking into account potential sources of bias or imprecision) stated?	Page 12/Line 384-390	Discussion/Paragraph 6
	d) Is there explicit discussion of the generalizability (external validity) of the results?	Page 12-13/Line 391-402	Discussion/Paragraph 7
Ethical quality indicators			
	a) Study funding reported?	Page 13/Line 405-407	Acknowledgments
	b) Research Ethics Board (REB) review reported?	Page 13/Line 418-423	Footnotes/Paragraph 4
	c) Reporting of subject consent procedures?	Page 13/Line 418-423	Footnotes/Paragraph 4

Article information: <http://dx.doi.org/10.21037/apm-21-190>

*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.