

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 1 / line 30-34	abstract
Introduction			
	a) Is there an explanation of why the research is necessary, placing the study in context of previous work in relevant fields?	page 2-3 /line 48-84	introduction / paragraph 1
	b) Is the purpose or aim of the paper explained?	page 3 / line 84-89	introduction / paragraph 1
Methods			
Research tool	a) Is the questionnaire described?	page 3 / line 94-100	methods / paragraph 1
	b) If an existing tool was used, are its psychometric properties presented?	page 4 / line 136-140	methods / paragraph 4
	c) If an existing tool was used, are references to the original work provided?	page 4 / line 132-133	methods / paragraph 4
	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 130-141	methods / paragraph 4
Sample selection	a) Is there a description of the survey population and the sample frame used to identify this population?	page 3 / line 94-100	methods / paragraph 1
	b) Do the authors provide a description of how representative the sample is of the underlying population?	page 3 / line 94-96	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 130-141	methods / paragraph 4
	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)?	N/A	N/A
	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)?	page 3 / line 98-100	methods / paragraph 1

Analysis	a) Is the method of data analysis described?	page 4 / line 144-148	methods / paragraph 5
	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?	page 4 / line 144-148	methods / paragraph 5
	e) Are the methods for handling item missing data provided?	N/A	N/A
Results			
	a) Is the response rate reported?	page 4 / line 153-159	results / paragraph 1
	b) Are all respondents accounted for?	page 4 / line 153-159	results / paragraph 1
	c) Is information given on how nonrespondents differ from respondents?	N/A	N/A
	d) Are the results clearly presented?	page 4-10 / line 153-256	results / paragraph 1-9
	e) Do the results address the objective(s)?	page 4-10 / line 153-256	results / paragraph 1-9
Discussion			
	a) Are the results summarized with reference to the study objectives?	page11 / line 294-317	discussion / paragraph 2
	b) Are the strengths of the study stated?	page12 / line 327-329	conclusions
	c) Are the limitations of the study (taking into account potential sources of bias or imprecision) stated?	page12 / line 329-332	conclusions
	d) Is there explicit discussion of the generalizability (external validity) of the results?	page12 / line 320-327	conclusions
Ethical quality indicators			
	a) Study funding reported?	page11 / line 352-353	Acknowledgments
	b) Research Ethics Board (REB) review reported?	page11 / line 356-361	Footnote/paragraph 1-2
	c) Reporting of subject consent procedures?	page11-12 / line 362-367	Footnote/paragraph 3

Article information: <https://dx.doi.org/10.21037/tp-21-531>

*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.