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?	Page1/Line33-Page2/Line	Abstract/Paragraph1
Introduction			
	a) Is there an explanation of why the research is necessary, placing the study in context of previous work in relevant fields?	Page3/Line84-87	Introduction/Paragraph1
	b) Is the purpose or aim of the paper explained?	Page3/Line87-89	Introduction/Paragraph1
Methods			
Research tool	a) Is the questionnaire described?	Page4/Line119-125	Methods/Paragraph4
	b) If an existing tool was used, are its psychometric properties presented?	Page4/Line126-129	Methods/Paragraph5
	c) If an existing tool was used, are references to the original work provided?	Page4/Line129-Page5/Lin	Methods/Paragraph5
	d) If a new tool was used, are the procedures used to develop and pre-test provided?	Page5/Line134-135	Methods/Paragraph5
	e) If a new tool was used, have its reliability and validity been reported?	Page5/Line135-142	Methods/Paragraph5
	f) Is a description of the scoring procedures provided?	Page5/Line133-134	Methods/Paragraph5
Sample selection	a) Is there a description of the survey population and the sample frame used to identify this population?	Page5/Line95-99	Methods/Paragraph1
	b) Do the authors provide a description of how representative the sample is of the underlying population?	Page4/Line100-105	Methods/Paragraph1
	c) Is a sample size calculation or rationale/justification for the sample size presented?	No	No
Survey administration	a) Mode of administration?	Page4/Line119-120	Methods/Paragraph5
	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)?	Page5/Line145-148	Methods/Paragraph6
	c) Do the authors report whether incentives were provided (financial or other)?	No	No
	d) Is there a description of who approached potential participants (e.g., identification of who signed the covering letter)?	Page4/Line110-116	Methods/Paragraph2-3

Analysis	a) Is the method of data analysis described?	Page5/Line151	Methods/Paragraph7
	b) Do the authors provide methods for analysis of nonresponse error?	Page5/Line151-153	Methods/Paragraph7
	c) Is the method for calculating response rate provided?	Page5/Line153-158	Methods/Paragraph7
	d) Are definitions provided for complete versus partial completions?	No	No
	e) Are the methods for handling item missing data provided?	No	No
Results			
	a) Is the response rate reported?	Page6/Line164-166	Results/Paragraph1
	b) Are all respondents accounted for?	Page6/Line164-166	Results/Paragraph1
	c) Is information given on how nonrespondents differ from respondents?	Page4/Line110-116	Methods/Paragraph2-3
	d) Are the results clearly presented?	Page5/Line166-Page6/Lin	Results/Paragraph1-3
	e) Do the results address the objective(s)?	Page6/Line185-189	Results/Paragraph3
Discussion			
	a) Are the results summarized with reference to the study objectives?	Page7/Line207-221	Discussion/Paragraph2
	b) Are the strengths of the study stated?	Page8/Line252-258	Discussion/Paragraph3
	c) Are the limitations of the study (taking into account potential sources of bias or imprecision) stated?	Page8/Line259-264	Discussion/Paragraph4
	d) Is there explicit discussion of the generalizability (external validity) of the results?	Page8/Line265-Page9/Lin	Discussion/Paragraph5
Ethical quality indicators			
	a) Study funding reported?	None	None
	b) Research Ethics Board (REB) review reported?	Page9/Line282-287	Footnote/Paragraph2
	c) Reporting of subject consent procedures?	Page9/Line278-279	Footnote/Paragraph1

*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.

Updated on April 13, 2020