

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 (of abstract), lines | 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 1, lines 2-30 | Introduction |
| | b) Is the purpose or aim of the paper explained? | page 2, lines 31-33 | Introduction |
| Methods | | | |
| Research tool | a) Is the questionnaire described? | page 2-3, lines 45-49 | Materials and Methods |
| | b) If an existing tool was used, are its psychometric properties presented? | page 1-2, lines 23-30 | Introduction |
| | c) If an existing tool was used, are references to the original work provided? | page 2, lines 23-28 | Materials and Methods |
| | d) If a new tool was used, are the procedures used to develop and pre-test provided? | No new tool was used | No new tool was used |
| | e) If a new tool was used, have its reliability and validity been reported? | No new tool was used | No new tool was used |
| | f) Is a description of the scoring procedures provided? | page 4 lines 76-78 | Material and Methods |
| Sample selection | a) Is there a description of the survey population and the sample frame used to identify this population? | page 2, lines 41-47 | Materials and Methods |
| | b) Do the authors provide a description of how representative the sample is of the underlying population? | page 2, lines 41-47 | Materials and Methods |
| | c) Is a sample size calculation or rationale/justification for the sample size presented? | page 4, lines 72-74 | Materials and Methods |
| Survey administration | a) Mode of administration? | page 3, lines 59-66 | Materials and Methods |
| | 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 3, lines 59-66 | Materials and Methods |
| | c) Do the authors report whether incentives were provided (financial or other)? | page 3, lines 67-68 | Materials and Methods |
| | d) Is there a description of who approached potential participants (e.g., identification of who signed the covering letter)? | page 2, lines 45-47 | Materials and Methods |

| | | | |
|-----------------------------------|--|--------------------------|-----------------------|
| Analysis | a) Is the method of data analysis described? | page 4, lines 75-84 | Statistical Analysis |
| | b) Do the authors provide methods for analysis of nonresponse error? | page 4, lines 82-83 | Statistical Analysis |
| | c) Is the method for calculating response rate provided? | page 3, lines 66-67 | Materials and Methods |
| | d) Are definitions provided for complete versus partial completions? | page 3, lines 66-67 | Materials and Methods |
| | e) Are the methods for handling item missing data provided? | page 3, lines 66-67 | Materials and Methods |
| Results | | | |
| | a) Is the response rate reported? | page 4-5, lines 87-94 | Results |
| | b) Are all respondents accounted for? | page 4-5, lines 87-94 | Results |
| | c) Is information given on how nonrespondents differ from respondents? | page 5, lines 102-107 | Results |
| | d) Are the results clearly presented? | page 5-6, lines 95-130 | Results |
| | e) Do the results address the objective(s)? | pages 5-6, lines 95-130 | Results |
| Discussion | | | |
| | a) Are the results summarized with reference to the study objectives? | pages 6-7, lines 133-138 | Discussion |
| | b) Are the strengths of the study stated? | page 7, lines 139-141 | Discussion |
| | c) Are the limitations of the study (taking into account potential sources of bias or imprecision) stated? | page 9-10, lines 194-206 | Discussion |
| | d) Is there explicit discussion of the generalizability (external validity) of the results? | page 10, lines 207-220 | Discussion |
| Ethical quality indicators | | | |
| | a) Study funding reported? | page 11, lines 236-237 | Source of Funding |
| | b) Research Ethics Board (REB) review reported? | page 2, line 40 | Materials and Methods |
| | c) Reporting of subject consent procedures? | page 2, lines 45-47 | Materials and Methods |

Article information: <http://dx.doi.org/10.21037/jhmhp-20-51>

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