## 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? | 2/50 | Abstract/Methods |
| Introduction |  |  |  |
|  | a) Is there an explanation of why the research is necessary, placing the study in context of previous work in relevant fields? | 3/95-97 | Intro/Para 2 |
|  | b) Is the purpose or aim of the paper explained? | 3/97-99, 4/105-106 | Intro/Para 3, 4 |
| Methods |  |  |  |
| Research tool | a) Is the questionnaire described? | 5/133-138 | Methods/Para 4 |
|  | b) If an existing tool was used, are its psychometric properties presented? | Not existing tool | Not existing tool |
|  | c) If an existing tool was used, are references to the original work provided? | Not existing tool | Not existing tool |
|  | d) If a new tool was used, are the procedures used to develop and pre-test provided? | 4/119-121 | Methods/Para2 |
|  | e) If a new tool was used, have its reliability and validity been reported? | New survey, not validated | New survey, not validated |
|  | f) Is a description of the scoring procedures provided? | 5/138-139 | Methods/Para 4 |
| Sample selection | a) Is there a description of the survey population and the sample frame used to identify this population? | 4/125-126 | Methods/Para 3 |
|  | b) Do the authors provide a description of how representative the sample is of the underlying population? | 4/125-126 | Methods/Para 3 |
|  | c) Is a sample size calculation or rationale/justification for the sample size presented? | No calculation because | No calculation because |
| Survey administration | a) Mode of administration? | 4/114-116, 4/124-125 | Methods/Para 1, 3 |
|  | 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)? | 5/139 | Methods/Para4 |
|  | c) Do the authors report whether incentives were provided (financial or other)? | 4/130 | Methods/Para 3 |
|  | d) Is there a description of who approached potential participants (e.g., identification of who signed the covering letter)? | 4/123-125 | Methods/Para3 |


| Analysis | a) Is the method of data analysis described? | 5/138-139 | Methods/Para4 |
| :---: | :---: | :---: | :---: |
|  | b) Do the authors provide methods for analysis of nonresponse error? | 5/133-135. There is no | Methods/Para4 |
|  | c) Is the method for calculating response rate provided? | Impossible to calculate | Impossible to calculate |
|  | d) Are definitions provided for complete versus partial completions? | 4/128-130 | Methods/Para3 |
|  | e) Are the methods for handling item missing data provided? | 4/128-130 | Methods/Para3 |
| Results |  |  |  |
|  | a) Is the response rate reported? | 5/142 | Results/Para1 |
|  | b) Are all respondents accounted for? | 5/142 | Results/Para1 |
|  | c) Is information given on how nonrespondents differ from respondents? | We can not ascertain how | We can not ascertain how |
|  | d) Are the results clearly presented? | 5/142-163 | Results/Para1, 2 |
|  | e) Do the results address the objective(s)? | 5/142-163 | Results/Para1, 2 |
| Discussion |  |  |  |
|  | a) Are the results summarized with reference to the study objectives? | 6/171-174 | Discussion/Para 2 |
|  | b) Are the strengths of the study stated? | 6/180-181 | Discussion/Para 2 |
|  | c) Are the limitations of the study (taking into account potential sources of bias or imprecision) stated? | 7/199-204 | Discussion/Para 5 |
|  | d) Is there explicit discussion of the generalizability (external validity) of the results? | 7/209-212 | Discussion/Para 6 |
| Ethical quality indicators |  |  |  |
|  | a) Study funding reported? | There was no funding | There was no funding |
|  | b) Research Ethics Board (REB) review reported? | 4/114-115 | Methods/Para 1 |
|  | c) Reporting of subject consent procedures? | 04/114 | Methods/Para 1 |

[^0]
[^0]:    Article Information: https://dx.doi.org/10.21037/tau-21-350
    *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.

