## 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/Line1-2                      | Title                        |
| **Introduction**        | a) Is there an explanation of why the research is necessary, placing the study in context of previous work in relevant fields? | Page2/Line31-42                    | Introduction/Paragraph1      |
|                         | b) Is the purpose or aim of the paper explained?                     | Page2/Line42-44                    | Introduction/Paragraph1      |
| **Methods**             | a) Is the questionnaire described?                                   | Page2-3/Line53-71                  | Methods/Paragraph3-6         |
|                         | b) If an existing tool was used, are its psychometric properties presented? | Page3/Line67-71                    | Methods/Paragraph6           |
|                         | c) If an existing tool was used, are references to the original work provided? | Page2-3/Line53-71                  | Methods/Paragraph3-6         |
|                         | d) If a new tool was used, are the procedures used to develop and pre-test provided? | No new tool was used               |                              |
|                         | e) If a new tool was used, have its reliability and validity been reported?   | No new tool was used               |                              |
|                         | f) Is a description of the scoring procedures provided?               | Page2-3/Line56-71                  | Methods/Paragraph3-6         |
| **Sample selection**    | a) Is there a description of the survey population and the sample frame used to identify this population? | Page2/Line47-50                    | Methods/Paragraph 2          |
|                         | b) Do the authors provide a description of how representative the sample is of the underlying population? | Page2/Line46-47                    | Methods/Paragraph2           |
|                         | c) Is a sample size calculation or rationale/justification for the sample size presented? | Page2/Line52                       | Methods/Paragraph2           |
| **Survey administration** | a) Mode of administration?                                          | No mode was used                    |                              |
|                         | 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)? | Page3/Line72-74                    | Methods/Paragraph7           |
|                         | c) Do the authors report whether incentives were provided (financial or other)? | No incentives                      |                              |
|                         | d) Is there a description of who approached potential participants (e.g., identification of who signed the covering letter)? | there is no description            |                              |
### Analysis

| Question                                                                 | Page/Line | Methods/Paragraph |
|--------------------------------------------------------------------------|-----------|-------------------|
| a) Is the method of data analysis described?                             |          |                   |
| b) Do the authors provide methods for analysis of nonresponse error?     | NA        | NA                |
| c) Is the method for calculating response rate provided?                 | NA        | NA                |
| d) Are definitions provided for complete versus partial completions?     | NA        | NA                |
| e) Are the methods for handling item missing data provided?              | Page 3/Line 74 | Methods/Paragraph 7 |

### Results

| Question                                                                 | Page/Line | Results/Paragraph |
|--------------------------------------------------------------------------|-----------|-------------------|
| a) Is the response rate reported?                                        | Page 3/Line 84-92 | Results/Paragraph 9 |
| b) Are all respondents accounted for?                                    | Page 3/Line 77 | Results/Paragraph 8 |
| c) Is information given on how nonrespondents differ from respondents?  | NA        | NA                |
| d) Are the results clearly presented?                                    | Page 3-10/Line 82-136 | Results/Paragraph 9-14 |
| e) Do the results address the objective(s)?                             | Page 3-10/Line 82-136 | Results/Paragraph 9-14 |

### Discussion

| Question                                                                 | Page/Line | Discussions/Paragraph |
|--------------------------------------------------------------------------|-----------|-----------------------|
| a) Are the results summarized with reference to the study objectives?    | Page 10-12/Line 137-207 | Discussions/Paragraph 15-20 |
| b) Are the strengths of the study stated?                                | Page 12/Line 205-207 | Discussion/Paragraph 14 |
| c) Are the limitations of the study (taking into account potential sources of bias or imprecision) stated? | Page 12/Line 207-208 | Discussion/Paragraph 14 |
| d) Is there explicit discussion of the generalizability (external validity) of the results? | NA | NA |

### Ethical quality indicators

| Question                                                                 | Page/Line | Methods/Paragraph |
|--------------------------------------------------------------------------|-----------|-------------------|
| a) Study funding reported?                                               | No study funding | NA                |
| b) Research Ethics Board (REB) review reported?                          | Page 2/Line 50-52 | Methods/Paragraph 2 |
| c) Reporting of subject consent procedures?                              | Page 2/Line 50-52 | Methods/Paragraph 2 |