## 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/Line 3-5                     | Title                        |
| Introduction              | a) Is there an explanation of why the research is necessary, placing the study in context of previous work in relevant fields? | Page4/Line 129-145                | Introduction/Paragraph 2-3   |
|                           | b) Is the purpose or aim of the paper explained?                     | Page4/Line 144-145                | Introduction/Paragraph 3     |
| Methods                   | a) Is the questionnaire described?                                    | Page5-6/Line 214-239              | Methods/Paragraph 5-6        |
|                           | b) If an existing tool was used, are its psychometric properties presented? | N/A                                |                              |
|                           | c) If an existing tool was used, are references to the original work provided? | N/A                                |                              |
|                           | d) If a new tool was used, are the procedures used to develop and pre-test provided? | Page 6/Line 237-239              | Methods/Paragraph 6          |
|                           | e) If a new tool was used, have its reliability and validity been reported? | N/A                                |                              |
|                           | f) Is a description of the scoring procedures provided?               | Page5/Line 221-225                | Methods/Paragraph 5          |
| Sample selection          | a) Is there a description of the survey population and the sample frame used to identify this population? | Page5/Line 201-202                | Methods/Paragraph 2          |
|                           | b) Do the authors provide a description of how representative the sample is of the underlying population? | Page5/Line 208-210                | Methods/Paragraph 4          |
|                           | c) Is a sample size calculation or rationale/justification for the sample size presented? | Page6/Line 208-212                | Methods/Paragraph 4          |
| Survey administration     | a) Mode of administration?                                           | Page6/Line 240-245                | Methods/Paragraph 7          |
|                           | 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)? | Page6/Line 240-241                | Methods/Paragraph 7          |
|                           | c) Do the authors report whether incentives were provided (financial or other)? | Page6/Line 244-245                | Methods/Paragraph 7          |
|                           | d) Is there a description of who approached potential participants (e.g., identification of who signed the covering letter)? | Page6/Line 240-241                | Methods/Paragraph 7          |
### Analysis

| Question | Page/Line | Section/Paragraph |
|----------|-----------|------------------|
| a) Is the method of data analysis described? | Page6-Line 248-254 | Methods/Paragraph 8-9 |
| b) Do the authors provide methods for analysis of nonresponse error? | N/A | |
| c) Is the method for calculating response rate provided? | N/A | |
| d) Are definitions provided for complete versus partial completions? | Page6-Line 259-260 | Methods/Paragraph 9 |
| e) Are the methods for handling item missing data provided? | Page7-Line 261-262 | Methods/Paragraph 9 |

### Results

| Question | Page/Line | Section/Paragraph |
|----------|-----------|------------------|
| a) Is the response rate reported? | N/A | |
| b) Are all respondents accounted for? | Page6-Line 269 | Results/Paragraph 1 |
| c) Is information given on how nonrespondents differ from respondents? | N/A | |
| d) Are the results clearly presented? | Page6-Line 269-336 | Results/Paragraph 1-6 |
| e) Do the results address the objective(s)? | Page6-Line 269-336 | Results/Paragraph 1-6 |

### Discussion

| Question | Page/Line | Section/Paragraph |
|----------|-----------|------------------|
| a) Are the results summarized with reference to the study objectives? | Page8-Line 339-351 | Discussion/Paragraph 1 |
| b) Are the strengths of the study stated? | Page8-Line 339-341 | Discussion/Paragraph 1 |
| c) Are the limitations of the study (taking into account potential sources of bias or imprecision) stated? | Page10-Line 405-410 | Discussion/Paragraph 5 |
| d) Is there explicit discussion of the generalizability (external validity) of the results? | Page10-Line 407-409 | Discussion/Paragraph 5 |

### Ethical quality indicators

| Question | Page/Line | Section/Paragraph |
|----------|-----------|------------------|
| a) Study funding reported? | Page11-Line 421-422 | Acknowledgements/Paragraph 1 |
| b) Research Ethics Board (REB) review reported? | Page11-Line 426-429 | Footnote/Paragraph 2 |
| c) Reporting of subject consent procedures? | Page5-Line 198 | Methods/Paragraph 1 |

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*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.*