## 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?       | 73                                  | Abstract/Para 2               |
| **Introduction**             | a) Is there an explanation of why the research is necessary, placing the study in context of previous work in relevant fields? | 95-96, 111-121                     | Introduction/Para 1-2         |
|                              | b) Is the purpose or aim of the paper explained?                      | 133-139                            | Introduction/Para 4           |
| **Methods**                  | a) Is the questionnaire described?                                    | 171-191                            | Methods/Para 4                |
|                              | b) If an existing tool was used, are its psychometric properties presented? | no                                  | no                            |
|                              | c) If an existing tool was used, are references to the original work provided? | Ref Nr. 22,24, 25                | Methods/Para 3-4              |
|                              | d) If a new tool was used, are the procedures used to develop and pre-test provided? | N/A                                | N/A                           |
|                              | e) If a new tool was used, have its reliability and validity been reported? | N/A                                | N/A                           |
|                              | f) Is a description of the scoring procedures provided?               | 177-183                            | Methods/Para 4                |
| **Sample selection**         | a) Is there a description of the survey population and the sample frame used to identify this population? | 222-227                            | Results/Para 1                |
|                              | b) Do the authors provide a description of how representative the sample is of the underlying population? | N/A (not a population-...)         | N/A                           |
|                              | c) Is a sample size calculation or rationale/justification for the sample size presented? | 133-134, Ref Nr. 22               | Introduction/Para 4           |
| **Survey administration**    | a) Mode of administration?                                            | 163-168                            | Methods/Para 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)? | 163-168                            | Methods/Para 3                |
|                              | c) Do the authors report whether incentives were provided (financial or other)? | N/A                                | N/A                           |
|                              | d) Is there a description of who approached potential participants (e.g., identification of who signed the covering letter)? | 163-168                            | Methods/Para 3                |
### Analysis

| Question                                                                 | Page/Para |
|-------------------------------------------------------------------------|-----------|
| a) Is the method of data analysis described?                             | 194-216   |
| b) Do the authors provide methods for analysis of nonresponse error?   | N/A (not a population) |
| c) Is the method for calculating response rate provided?                | N/A       |
| d) Are definitions provided for complete versus partial completions?    | N/A       |
| e) Are the methods for handling item missing data provided?             | Ref Nr. 25 |

### Results

| Question                                                                 | Page/Para |
|-------------------------------------------------------------------------|-----------|
| a) Is the response rate reported?                                        | N/A (not a population) |
| b) Are all respondents accounted for?                                   | yes       |
| c) Is information given on how nonrespondents differ from respondents? | N/A       |
| d) Are the results clearly presented?                                   | 229-290   |
| e) Do the results address the objective(s)?                             | 294-307   |

### Discussion

| Question                                                                 | Page/Para |
|-------------------------------------------------------------------------|-----------|
| a) Are the results summarized with reference to the study objectives?   | 294-307   |
| b) Are the strengths of the study stated?                               | 332-338   |
| c) Are the limitations of the study (taking into account potential sources of bias or imprecision) stated? | 340-345   |
| d) Is there explicit discussion of the generalizability (external validity) of the results? | 350-354   |

### Ethical quality indicators

| Question                                                                 | Page/Para |
|-------------------------------------------------------------------------|-----------|
| a) Study funding reported?                                               | 356       |
| b) Research Ethics Board (REB) review reported?                          | 151-153   |
| c) Reporting of subject consent procedures?                              | 164       |