## 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 2/ Line 28-30                 | Abstract/Design               |
| Introduction           | a) Is there an explanation of why the research is necessary, placing the study in context of previous work in relevant fields? | Page 4/ Line 88-91                | Introduction/Para 3           |
|                        | b) Is the purpose or aim of the paper explained?                     | Page 4/ Line 92-95                | Introduction/Para 3           |
| Methods                | a) Is the questionnaire described?                                   | Page 5/ Line 98-107               | Methods/ Para 1               |
|                        | b) If an existing tool was used, are its psychometric properties presented? | N/A, we did not use an            | N/A, we did not use an        |
|                        | c) If an existing tool was used, are references to the original work provided? | N/A, we did not use an            | N/A, we did not use an        |
|                        | d) If a new tool was used, are the procedures used to develop and pre-test provided? | Page 5/ Line 99-102               | Methods/ Para 1               |
|                        | e) If a new tool was used, have its reliability and validity been reported? | Page 5/ Line 101-102              | Methods/ Para 1               |
|                        | f) Is a description of the scoring procedures provided?              | N/A no scoring procedures         | N/A no scoring procedures     |
| Sample selection       | a) Is there a description of the survey population and the sample frame used to identify this population? | Page 5/ Line 102-105              | Methods/ Para 1               |
|                        | b) Do the authors provide a description of how representative the sample is of the underlying population? | Page 14/ Line 329-333             | Discussion/ Para 5           |
|                        | c) Is a sample size calculation or rationale/justification for the sample size presented? | No                                | No                            |
| Survey administration  | a) Mode of administration?                                          | Page 5/ Line 102-104              | Methods/ Para 1               |
|                        | 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 5/ Line 102-104, 107         | Methods/ Para 1               |
|                        | c) Do the authors report whether incentives were provided (financial or other)? | Page 5/ Line 110-11               | Methods/ Para 1               |
|                        | d) Is there a description of who approached potential participants (e.g., identification of who signed the covering letter)? | No                                | No                            |
| Analysis | a) Is the method of data analysis described? | Page 5/ Line 112 | Methods/Para 1 |
|----------|------------------------------------------|----------------|---------------|
|          | b) Do the authors provide methods for analysis of nonresponse error? | N/A We did not perform | N/A We did not perform |
|          | c) Is the method for calculating response rate provided? | Page 6/Line 118 | Results/ Para 1 |
|          | d) Are definitions provided for complete versus partial completions? | N/A We only included | N/A We only included |
|          | e) Are the methods for handling item missing data provided? | N/A We only included | N/A We only included |
| Results  | a) Is the response rate reported? | Page 6/Line 118 | Results/ Para 1 |
|          | b) Are all respondents accounted for? | N/A We only included | N/A We only included |
|          | c) Is information given on how nonrespondents differ from respondents? | N/A We only included | N/A We only included |
|          | d) Are the results clearly presented? | Page6-9/ Line117-199 | Results/ Para1-9 |
|          | e) Do the results address the objective(s)? | Page6-9/ Line117-199 | Results/ Para1-9 |
| Discussion | a) Are the results summarized with reference to the study objectives? | Page 10-13/ Line 221-328 | Discussion/ Para 1-4 |
|          | b) Are the strengths of the study stated? | Page 11/Line 263-328 | Discussion/ Para 3-4 |
|          | c) Are the limitations of the study (taking into account potential sources of bias or imprecision) stated? | Page 14/Line 329-337 | Discussion/ Para 4 |
|          | d) Is there explicit discussion of the generalizability (external validity) of the results? | Page 14/Line 333-345 | Discussion/ Para4 |
| Ethical quality indicators | a) Study funding reported? | Page 15/Line 350-351 | Disclosures/Study Was |
|          | b) Research Ethics Board (REB) review reported? | Page15/Line 362-367 | Ethical Statement/ Para |
|          | c) Reporting of subject consent procedures? | Page 15/Line 365-366 | Ethical Statement/Para 2 |