

Table S1. STROBE Statement—checklist of items that should be included in reports of observational studies

|                              | Item No. | Recommendation                                                                                                                                                                       | Section and paragraph numbers                |
|------------------------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| Title and abstract           | 1        | (a) Indicate the study’s design with a commonly used term in the title or the abstract                                                                                               | title                                        |
|                              |          | (b) Provide in the abstract an informative and balanced summary of what was done and what was found                                                                                  | abstract                                     |
| Introduction                 |          |                                                                                                                                                                                      |                                              |
| Background/rationale         | 2        | Explain the scientific background and rationale for the investigation being reported                                                                                                 | Introduction, paragraph 1-10                 |
| Objectives                   | 3        | State specific objectives, including any prespecified hypotheses                                                                                                                     | Introduction, paragraph 11-12                |
| Methods                      |          |                                                                                                                                                                                      |                                              |
| Study design                 | 4        | Present key elements of study design early in the paper                                                                                                                              | Study design and participants, paragraph 1-2 |
| Setting                      | 5        | Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection                                                      | Study design and participants, paragraph 1-2 |
| Participants                 | 6        | (a) Give the eligibility criteria, and the sources and methods of selection of participants. Describe methods of follow-up                                                           | Study design and participants, paragraph 2   |
|                              |          | (b) For matched studies, give matching criteria and number of exposed and unexposed                                                                                                  | NA                                           |
| Variables                    | 7        | Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable                                             | Laboratory Methods                           |
| Data sources/<br>measurement | 8*       | For each variable of interest, give sources of data and details of methods of assessment (measurement). Describe comparability of assessment methods if there is more than one group | Laboratory Methods                           |
| Bias                         | 9        | Describe any efforts to address potential sources of bias                                                                                                                            | Study design and participants, paragraph 2   |
| Study size                   | 10       | Explain how the study size was arrived at                                                                                                                                            | Study design and participants, paragraph 1   |

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| Quantitative variables | 11  | Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why                                                                                 | Data analysis                              |
| Statistical methods    | 12  | (a) Describe all statistical methods, including those used to control for confounding                                                                                                                        | Data analysis                              |
|                        |     | (b) Describe any methods used to examine subgroups and interactions                                                                                                                                          | NA                                         |
|                        |     | (c) Explain how missing data were addressed                                                                                                                                                                  | NA                                         |
|                        |     | (d) If applicable, explain how loss to follow-up was addressed                                                                                                                                               | NA                                         |
|                        |     | (e) Describe any sensitivity analyses                                                                                                                                                                        | NA                                         |
| Results                |     |                                                                                                                                                                                                              |                                            |
| Participants           | 13* | (a) Report numbers of individuals at each stage of study—eg numbers potentially eligible, examined for eligibility, confirmed eligible, included in the study, completing follow-up, and analysed            | Study design and participants, paragraph 1 |
|                        |     | (b) Give reasons for non-participation at each stage                                                                                                                                                         | Study design and participants, paragraph 1 |
|                        |     | (c) Consider use of a flow diagram                                                                                                                                                                           | NA                                         |
| Descriptive data       | 14* | (a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders                                                                     | Results, paragraph 1                       |
|                        |     | (b) Indicate number of participants with missing data for each variable of interest                                                                                                                          | NA                                         |
|                        |     | (c) Cohort study—Summarise follow-up time (eg, average and total amount)                                                                                                                                     | Results, paragraph 1                       |
| Outcome data           | 15* | Cohort study—Report numbers of outcome events or summary measures over time                                                                                                                                  | Results, paragraph 1                       |
| Main results           | 16  | (a) Give unadjusted estimates and, if applicable, confounder-adjusted estimates and their precision (eg, 95% confidence interval). Make clear which confounders were adjusted for and why they were included | Results, paragraph 2-4<br>Figure 1         |
|                        |     | (b) Report category boundaries when continuous variables were categorized                                                                                                                                    | Table 1, Table 2                           |
|                        |     | (c) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period                                                                                             | NA                                         |

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|--------------------------|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Other analyses           | 17 | Report other analyses done—eg analyses of subgroups and interactions, and sensitivity analyses                                                                             | Results, Table 3, Figure 2 |
| <b>Discussion</b>        |    |                                                                                                                                                                            |                            |
| Key results              | 18 | Summarise key results with reference to study objectives                                                                                                                   | Discussion, paragraph 1    |
| Limitations              | 19 | Discuss limitations of the study, taking into account sources of potential bias or imprecision. Discuss both direction and magnitude of any potential bias                 | Discussion, paragraph 1-6  |
| Interpretation           | 20 | Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence | Discussion, paragraph 7    |
| Generalisability         | 21 | Discuss the generalisability (external validity) of the study results                                                                                                      | Discussion, paragraph 8    |
| <b>Other information</b> |    |                                                                                                                                                                            |                            |
| Funding                  | 22 | Give the source of funding and the role of the funders for the present study and, if applicable, for the original study on which the present article is based              | NA                         |