

STROBE Statement—Checklist of items that should be included in reports of *cross-sectional studies*

	Item No	Recommendation
Title and abstract	1	(a) Indicate the study's design with a commonly used term in the title or the abstract Page 1
		(b) Provide in the abstract an informative and balanced summary of what was done and what was found Page 2
Introduction		
Background/rationale	2	Explain the scientific background and rationale for the investigation being reported Page 3
Objectives	3	State specific objectives, including any prespecified hypotheses Page 4
Methods		
Study design	4	Present key elements of study design early in the paper Page 4
Setting	5	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection Page 6
Participants	6	(a) Give the eligibility criteria, and the sources and methods of selection of participants Page 5 (not applicable for participants, but we described the selection of included RCTs)
Variables	7	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable Page 6
Data sources/ 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 Page 6
Bias	9	Describe any efforts to address potential sources of bias Not applicable
Study size	10	Explain how the study size was arrived at Page 5
Quantitative variables	11	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why Page 7
Statistical methods	12	(a) Describe all statistical methods, including those used to control for confounding Page 7
		(b) Describe any methods used to examine subgroups and interactions Page 7
		(c) Explain how missing data were addressed Not applicable
		(d) If applicable, describe analytical methods taking account of sampling strategy Not applicable
		(e) Describe any sensitivity analyses Page 7

Results		
Participants	13*	<p>(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 Appendix S4 (flow chart of included trials)</p> <p>(b) Give reasons for non-participation at each stage Appendix S4 (flow chart of included trials)</p> <p>(c) Consider use of a flow diagram Appendix S4 (flow chart of included trials)</p>
Descriptive data	14*	<p>(a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders Table 1, Table S5 and Table S6</p> <p>(b) Indicate number of participants with missing data for each variable of interest Not applicable</p>
Outcome data	15*	<p>Report numbers of outcome events or summary measures Table 2</p>
Main results	16	<p>(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 Not applicable since all analysis are explanatory, Table 2 and Table 3</p> <p>(b) Report category boundaries when continuous variables were categorized Table 1 and Table 3</p> <p>(c) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period Not applicable</p>
Other analyses	17	<p>Report other analyses done—eg analyses of subgroups and interactions, and sensitivity analyses Table S10, Table S1, Table S12 and Figure S13</p>
Discussion		
Key results	18	<p>Summarise key results with reference to study objectives Page 8</p>
Limitations	19	<p>Discuss limitations of the study, taking into account sources of potential bias or imprecision. Discuss both direction and magnitude of any potential bias Page 11 and 12</p>
Interpretation	20	<p>Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence Page 12</p>
Generalisability	21	<p>Discuss the generalisability (external validity) of the study results Page 12</p>
Other information		
Funding	22	<p>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 Page 14 (Role of the funding source)</p>