

**The interaction of deworming, improved sanitation, and household flooring with soil-transmitted helminth infection in rural Bangladesh**

**STROBE checklist for cross-sectional studies**

	<b>Item No</b>	<b>Recommendation</b>	
<b>Title and abstract</b>	1	(a) Indicate the study's design with a commonly used term in the title or the abstract	✓
		(b) Provide in the abstract an informative and balanced summary of what was done and what was found	✓
<b>Introduction</b>			
Background/rationale	2	Explain the scientific background and rationale for the investigation being reported	✓ Lines 68-116
Objectives	3	State specific objectives, including any prespecified hypotheses	✓ Lines 118-121
<b>Methods</b>			
Study design	4	Present key elements of study design early in the paper	✓ Lines 126-172
Setting	5	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection	✓ Lines 126-187
Participants	6	(a) <i>Cross-sectional study</i> —Give the eligibility criteria, and the sources and methods of selection of participants	✓ Lines 126-187
Variables	7	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable	✓ Lines 210-245
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	✓ Lines 125-194
Bias	9	Describe any efforts to address potential sources of bias	✓ Lines 237-245

Study size	10	Explain how the study size was arrived at	✓ Lines 249-258
Quantitative variables	11	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why	✓ Lines 262-275
Statistical methods	12	(a) Describe all statistical methods, including those used to control for confounding	✓ Lines 260-297
		(b) Describe any methods used to examine subgroups and interactions	✓ Lines 277-297
		(c) Explain how missing data were addressed	✓ Lines 274-275
		(d) <i>Cross-sectional study</i> —If applicable, describe analytical methods taking account of sampling strategy	✓ Lines 272-274
		(e) Describe any sensitivity analyses	✓ Tables S1, S4
<b>Results</b>			
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	✓ Figure 1
		(b) Give reasons for non-participation at each stage	✓ Figure 1
		(c) Consider use of a flow diagram	✓ Figure 1
Descriptive data	14*	(a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders	✓ Table 1 and lines 319-325
		(b) Indicate number of participants with missing data for each variable of interest	✓ Table S3
Outcome data	15*	<i>Cross-sectional study</i> —Report numbers of outcome events or summary measures	✓ Table 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	✓ Table 2, Lines 237-245
		(b) Report category boundaries when continuous variables were categorized	✓ Lines 211-213

		(c) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period	Not relevant
Other analyses	17	Report other analyses done—eg analyses of subgroups and interactions, and sensitivity analyses	✓ Line 225, 362
<b>Discussion</b>			
Key results	18	Summarise key results with reference to study objectives	✓ Line 440-464
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	✓ Line 556-594
Generalisability	21	Discuss the generalisability (external validity) of the study results	✓ Line 598-602
<b>Other information</b>			
Funding		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	✓ Provided to PLOS NTDs editors