S1. STROBE Statement checklist

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### Quantitative variables

Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen and why.

*Methods, page 6-7, Section statistical analysis, §4.*

### Statistical methods

1. Describe all statistical methods, including those used to control for confounding.  
   *Methods, page 6-8, Section statistical analysis, §8*

2. Describe any methods used to examine subgroups and interactions  
   *Methods, page 8, Section statistical analysis, §4 to 7*

3. Explain how missing data were addressed.  
   *Methods, section “Statistical analysis” §2  
   Results, section “Study population and compliance”, §2  
   For explanatory variables, only 6 participants had missing questionnaire data. They were excluded from the analysis (c.f. Figure 1).*

4. *Cohort study*—If applicable, explain how loss to follow-up was addressed.  
   *Case-control study*—If applicable, explain how matching of cases and controls was addressed.  
   *Cross-sectional study*—If applicable, describe analytical methods taking account of sampling strategy.

5. Describe any sensitivity analyses.  
   Several models were run to assess the role of age. NOT SHOWN in paper. IS it OK? Discussion § 6 & 7 => several models were run to assess the robustness of the results obtained for age and for village-level sanitation coverage. There are only mentioned in the discussion since those models are not present in the paper.

### 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  
   *Results, page 9, §1 to 3*

(b) Give reasons for non-participation at each stage  
   *Results, page 9, §2*

(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  
   *Supplementary table S1*

(b) Indicate number of participants with missing data for each variable of interest  
   *Results Section “Study population and compliance”, Figure 1.*

(c) *Cohort study*—Summarise follow-up time (eg, average and total amount)  
   *Section “Study population and compliance” §3*

**Outcome data**

15*

*Cohort study*—Report numbers of outcome events or summary measures over time  
*Section S. stercoralis infection risk at baseline and follow-up*

*Case-control study*—Report numbers in each exposure category, or summary measures of exposure  
*Cross-sectional study*—Report numbers of outcome events or summary measures

**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  
*Unadjusted estimates: Supplementary table 2*
Confounder-adjusted estimates: Table 1

(b) Report category boundaries when continuous variables were categorized
n.a.

(c) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period
n.a.

Other analyses 17 Report other analyses done—e.g., analyses of subgroups and interactions, and sensitivity analyses
Section “Risk factors for S. stercoralis infection at baseline and follow-up”, § 2

Discussion

Key results 18 Summarise key results with reference to study objectives
§ 1 to 3

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
§ 7

Interpretation 20 Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence
Done, all across discussion

Generalisability 21 Discuss the generalisability (external validity) of the study results
§ 7

Other information

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

Abstract

*Give information separately for cases and controls in case-control studies and, if applicable, for exposed and unexposed groups in cohort and cross-sectional studies.