China's application of the One Health approach in addressing public health threats at the human-animal-environment interface: Advances and challenges

Appendix C: STROBE Statement

	Item No.	Recommendation	Page No.	Relevant text from manuscript
Title and abstract	1	(*a*) Indicate the study's design with a commonly used term in the title or the abstract		The methods, findings and interpretation of the abstract indicate our study design of observational study.
		(*b*) Provide in the abstract an informative and balanced summary of what was done and what was found		The abstract summarizes the background, methods and findings and conclusions of the study.
Introduction				
Background/rationale	2	Explain the scientific background and rationale for the investigation being reported		The Introduction well explain the scientific background and rational for this study.
Objectives	3	State specific objectives, including any prespecified hypotheses		The objectives can be found in the last paragraph of the Introduction session.
Methods				
Study design	4	Present key elements of study design early in the paper		The key elements of study design are presented in the first few sentences of each paragraph in the Materials and methods.
Setting	5	Describe the setting, locations, and relevant dates, including periods of recruitment, exposure, follow-up, and data collection		They are described in the first sub-section of the Materials and methods. Note that the study uses the group data from the published article and therefore does not involve recruitment, follow-up, etc.
Participants	6	(*a*) *Cohort study*—Give the eligibility criteria, and the sources and methods of selection of participants. Describe methods of follow-up *Case-control study*—Give the eligibility criteria, and the sources and methods of case ascertainment and control selection. Give the rationale for the choice of cases and controls *Cross-sectional study*—Give the eligibility criteria, and the sources and methods of selection of participants		The study uses secondary panel data (group level) for analysis and therefore does not involve selection of participants for quantitative data collection.
		(*b*) *Cohort study*—For matched studies, give matching criteria and number of exposed and unexposed		N/A

		Case-control study—For matched studies, give matching criteria and the number of controls per case	
Variables	7	Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable	The key variables of the study are the indicators of global One Health index (GOHI) classified according to Structure-Process-Outcome (SPO) model, which are described in the fifth and sixth paragraph of the Materials and methods.
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	Descried in the Materials and methods and in the Appendix C.
Bias	9	Describe any efforts to address potential sources of bias	N/A
Study size	10	Explain how the study size was arrived at	N/A

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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	Described in the Materials and methods.
Statistical methods	12	(*a*) Describe all statistical methods, including those used to control for confounding	Described in the Materials and methods.
		(*b*) Describe any methods used to examine subgroups and interactions	N/A
		(*c*) Explain how missing data were addressed	N/A
		(*d*) *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	N/A
		(*e*) Describe any sensitivity analyses	N/A
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	N/A
		(b) Give reasons for non-participation at each stage	N/A
		(c) Consider use of a flow diagram	N/A
Descriptive data	14*	(a) Give characteristics of study participants (eg demographic, clinical, social) and information on exposures and potential confounders	N/A
		(b) Indicate number of participants with missing data for each variable of interest	N/A
		(c) *Cohort study*—Summarise follow-up time (eg, average and total amount)	N/A
Outcome data	15*	*Cohort study*—Report numbers of outcome events or summary measures over time	
		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	GOHI indicators are presented in Table A.1 in Appendix A.
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	Presented in Table 1, 2, and Figure 1, 2, 3 and throughout the Results.
		(*b*) Report category boundaries when continuous variables were categorized	Presented in the legend of Figure 1.
		(*c*) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period	N/A

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Other analyses	17	Report other analyses done—eg analyses of subgroups and interactions, and sensitivity analyses	N/A
Discussion			
Key results	18	Summarise key results with reference to study objectives	Discussed in the first, second and third sub-section of Discussion.
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	Discussed in the last paragraph of the Discussion.
Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence	Discussed in the last sub-section of the Discussion.
Generalisability	21	Discuss the generalisability (external validity) of the study results	Discussed in the Conclusion.
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	Presented in the Funding.

*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.

Note: An Explanation and Elaboration article discusses each checklist item and gives methodological background and published examples of transparent reporting. The STROBE checklist is best used in conjunction with this article (freely available on the Web sites of PLoS Medicine at http://www.plosmedicine.org/, Annals of Internal Medicine at http://www.annals.org/, and Epidemiology at http://www.epidem.com/). Information on the STROBE Initiative is available at www.strobe-statement.org.