

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

	Item No	
Title and abstract	1	(a) Simulated driving and collision detection are given in both.
		(b) A balanced summary of what was done and what was found is given in the abstract
Introduction		
Background/rationale	2	The scientific background and rationale for the investigation being reported is given.
Objectives	3	Specific objectives given.
Methods		
Study design	4	The key elements of study design are given early in the paper
Setting	5	The setting, locations, and logistics of data collection
Participants	6	Recruitment of the participants and inclusion/exclusion criteria for the two groups are given
Variables	7	Outcome measures from the two tasks are described.
Data sources/ measurement	8*	For each variable of interest, sources of the data and details of methods of measurement are given.

Bias	9	Individual differences were adjusted for using healthy scores as covariates.
Study size	10	A sample size calculation based on prior research was carried out.
Quantitative variables	11	Analyses of covariance were carried out on the continuous variables, chisquare analyses on the categorical.
Statistical methods	12	(a) Described.
		(b) N.A.
		(c) N.A.
		Use of data from a second visit, when all participants were healthy, was used to adjust for individual differences.
		(e) Describe any sensitivity analyses – N.A.

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Results		
Participants	13*	(a) Reported.
		(b) N.A.
		(c) N.A.
Descriptive data	14*	Characteristics of study participants (eg demographic, clinical) given.
		(b) N.A.
		(c) <i>Follow up time given.</i>

Outcome data	15*	All outcomes reported.
Main results	16	Significant effects shown in table.
Other analyses	17	Report other analyses done— N.A.
Discussion		
Key results	18	Key results summarised.
Limitations	19	The limitations of the study and the need for further research are discussed.
Interpretation	20	A cautious overall interpretation of results is given.
Generalisability	21	The generalisability (external validity) of the study results is discussed.
Other information		
Funding	22	Source of funding and the role of the funders for the present study given.

*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.