

STREGA Reporting Recommendations, Extended from STROBE Statement

Item	Item No	Description	Reported on Page Number/Line Number	Reported on Section/Paragraph
Title and Abstract	1	(a) Indicate the study's design with a commonly used term in the title or the abstract.	Page2, Li ne29-33	Abstract, second paragraph
		(b) Provide in the abstract an informative and balanced summary of what was done and what was found.	Page2, Li ne34-48	Abstract, third and fourth paragraphs
Introduction				
Background rationale	2	Explain the scientific background and rationale for the investigation being reported.	Page4, Li ne53-78	Background, first and second paragraphs
Objectives	3	State specific objectives, including any pre-specified hypotheses.	Page3, Li ne76-78	Objectives, second paragraph
Methods				
Study design	4	Present key elements of study design early in the paper.	N/A	Biographical article
Setting	5	Describe the setting, locations and relevant dates, including periods of recruitment, exposure, follow-up, and data collection.	Page4, Li ne82-93	Methods, third paragraph
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.	N/A	Biographical article
		(b) Cohort study – For matched studies, give matching criteria and number of exposed and unexposed. Case-control study – For matched studies, give matching criteria and the number of controls per case.	N/A	Biographical article
Variables	7	(a) Clearly define all outcomes, exposures, predictors, potential confounders, and effect modifiers. Give diagnostic criteria, if applicable. (b) Clearly define genetic exposures (genetic variants) using a widely-used nomenclature system. Identify variables likely to be associated with population stratification (confounding by ethnic origin).	N/A	Biographical article

Data sources/ measurement	8*	(a) 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. (b) Describe laboratory methods, including source and storage of DNA, genotyping methods and platforms (including the allele calling algorithm used, and its version), error rates and call rates. State the laboratory/centre where genotyping was done. Describe comparability of laboratory methods if there is more than one group. Specify whether genotypes were assigned using all of the data from the study simultaneously or in smaller batches.	Page4, Line82-93	Methods, third paragraph
Bias	9	(a) Describe any efforts to address potential sources of bias. (b) or quantitative outcome variables, specify if any investigation of potential bias resulting from pharmacotherapy was undertaken. If relevant, describe the nature and magnitude of the potential bias, and explain what approach was used to deal with this.	N/A	Biographical article
Study size	10	Explain how the study size was arrived at.	N/A	Biographical article
Quantitative variables	11	Explain how quantitative variables were handled in the analyses. If applicable, describe which groupings were chosen, and why. <i>(If applicable, describe how effects of treatment were dealt with.)</i>	N/A	Biographical article
Statistical methods	12	(a) Describe all statistical methods, including those used to control for confounding. <i>[State software version used and options (or settings) chosen.]</i>	Page5, Line96-126	Methods, first to fourth paragraphs
		(b) Describe any methods used to examine subgroups and interactions.	N/A	Biographical article
		(c) Explain how missing data were addressed.	N/A	Biographical article
		(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	Biographical article
		(e) Describe any sensitivity analyses.	N/A	Biographical article
		(f) State whether Hardy-Weinberg equilibrium was considered and, if so, how.	N/A	Biographical article
		(g) Describe any methods used for inferring genotypes or haplotypes.	N/A	Biographical article
		(h) Describe any methods used to assess or address population stratification.	N/A	Biographical article
		(i) Describe any methods used to address multiple comparisons or to control risk of false positive findings.	N/A	Biographical article
		(j) Describe any methods used to address and correct for relatedness among subjects	N/A	Biographical article

Results				
Participants	13*	(a) Report the numbers of individuals at each stage of the study – e.g., numbers potentially eligible, examined for eligibility, confirmed eligible, included in the study, completing follow-up, and analysed.	N/A	Biographical article
		(b) Give reasons for non-participation at each stage.	N/A	Biographical article
		(c) Consider use of a flow diagram.	N/A	Biographical article
Descriptive data	14*	(a) Give characteristics of study participants (e.g., demographic, clinical, social) and information on exposures and potential confounders. (<i>Consider giving information by genotype.</i>)	N/A	Biographical article
		(b) Indicate the number of participants with missing data for each variable of interest.	N/A	Biographical article
		(c) Cohort study – Summarize follow-up time (e.g., average and total amount).	N/A	Biographical article
Outcome data	15*	Cohort study – Report numbers of outcome events or summary measures over time.	N/A	Biographical article
		Case-control study – Report numbers in each exposure category, or summary measures of exposure.	N/A	Biographical article
		Cross-sectional study – Report numbers of outcome events or summary measures.	N/A	Biographical article
Main results	16	(a) Give unadjusted estimates and, if applicable, confounder-adjusted estimates and their precision (e.g., 95% confidence intervals). Make clear which confounders were adjusted for and why they were included.	N/A	Biographical article
		(b) Report category boundaries when continuous variables were categorized.	N/A	Biographical article
		(c) If relevant, consider translating estimates of relative risk into absolute risk for a meaningful time period.	N/A	Biographical article
		(d) Report results of any adjustments for multiple comparisons.	N/A	Biographical article
Other analyses	17	(a) Report other analyses done – e.g., analyses of subgroups and interactions, and sensitivity analyses.	N/A	Biographical article
		(b) If numerous genetic exposures (genetic variants) were examined, summarize results from all analyses undertaken.	N/A	Biographical article
		(c) If detailed results are available elsewhere, state how they can be accessed.	N/A	Biographical article
Discussion				
Key results	18	Summarize key results with reference to study objectives.	Page9,Line276-287,	Discussion, third and fourth paragraphs

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.	Page9, Line296–301	Discussion, first paragraph
Interpretation	20	Give a cautious overall interpretation of results considering objectives, limitations, multiplicity of analyses, results from similar studies, and other relevant evidence.	Page8, Line286–293	Discussion, second paragraph
Generalizability	21	Discuss the generalizability (external validity) of the study results.	Page7, Line247–254, Page8, Line266–285	Discussion, first, second and third paragraphs
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.	Page9, Line305, 306	Discussion, fifth paragraph

From: Little J, Higgins JPT, Ioannidis JPA, Moher D, Gagnon F, et al. (2009) STrengthening the REporting of Genetic Association Studies (STREGA)—An extension of the STROBE Statement. PLoS Med 6(2): e1000022. doi:10.1371/journal.pmed.1000022

* 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.

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*As the checklist was provided upon initial submission, the page number/line number reported may be changed due to copyediting and may not be referable in the published version. In this case, the section/paragraph may be used as an alternative reference.