

STROSA (version 2) Checklist

Item	Criterion	Availability of criteria Manuscript
Title, abstract and keywords		
1	Title and abstract	Page 1-2
2	Keywords	Page 2
Introduction		
3	Background and rationale	Page 3-5
4	Aim of the study	Page 5
Methods		
5	Study design	Page 6, first paragraph
6	Data source	Page 6, “data source and study sample”
7	Legal foundation	Page 7, “ethical consideration”
8	Data privacy	Page 7, “ethical consideration”
9	Data flow	Page 6, “data source and study sample”
10	Inclusion and exclusion criteria	Page 6, “data source and study sample”: we describe the inclusion criteria of a balanced dataset across two waves. Page 7, “evaluation of allostatic load”: we describe the inclusion (biomarker availability) and exclusion (use of medication) criteria.
11	Unit of Analysis	Page 6, “data source and study sample”
12	Variables	Page 8, “covariates”. Table S1 in supporting information.
13	Sample Size	Page 6, “data source and study sample”
14	Statistical analysis	Page 9-11. “Statistical Strategies”
Results		
15	Selection of study population	Page 12
16	Descriptive results	Page 12
17	Main results	Page 13-16
18	Further results	Page 13-16
Discussion		
19	Main results	Page 16-17
20	Internal validity and risk of bias	Page 18
21	Strengths and limitations	Page 19-20
22	Interpretation	Page 16-19
23	Transferability	Page 20-21
Conclusion		
24	Conclusion	Page 21
Conflict of interest		
25	Funding	There is no funding support this study.
26	Role of Data owner(s)	CHARLS is an open-source dataset. The owner (Peking University) has no influence on the implementation and presentation of the study.
27	Other conflict of interest	There were no other conflicts of interest; the evaluation was conducted independently.