

Note: A study can be awarded a maximum of two stars for each numbered item – (except number 5).

A. Selection

- 1) Representativeness of the exposed cohort
 - a) Truly representative of the source population. * *
 - b) Somewhat representative of the source population. *
 - c) Selected group of users e.g. nurses, volunteers.
 - d) No description of the derivation of the cohort.
- 2) Ascertainment of childhood socioeconomic position (SEP)
 - a) Prospectively from parents/participants when aged ≤ 18 years. * *
 - b) Retrospectively collected with attempts to reduce recall bias (e.g. life-grid and structured interview techniques). *
 - c) Retrospectively collected without attempts to reduce recall bias.
 - d) No description.

B. Comparability

- 3) Comparability of cohorts on the basis of the design/analysis
 - a) Study controls for adult SEP. *
 - b) Study controls for any additional relevant factors (e.g. age, sex). *
 - c) Only unadjusted model presented.

C. Outcome

- 4) Assessment of physical activity
 - a) Objective methods (heart-rate monitoring/accelerometer). * *
 - b) Self-reported using validated questionnaire/diary/interview. *
 - c) Self-report.
 - d) No description.
- 5) Adequacy of cohort follow-up
 - a) Complete follow up - all subjects accounted for. *
 - b) Subjects lost to follow up unlikely to introduce bias ($\geq 75\%$ follow-up or description provided of those lost). *
 - c) $< 75\%$ follow-up and no description of those lost.
 - d) No statement.