Reviewer's report

Title: Joint association between birth weight at term and later life adherence to a healthy lifestyle with risk of hypertension: A prospective cohort study

Version: 1 Date: 29 April 2015

Reviewer: George Zhang

Reviewer's report:

Excellent manuscript.

### Minor Essential Revisions
(The author can be trusted to make these. For example, missing labels on figures, the wrong use of a term, spelling mistakes.)

1. Page 5, Methods/Definition of Unhealthy and Healthy Lifestyle

1a. “we classified low risk as #30 min/d of moderate or vigorous activity.”
The cut-off here is >=30 min/d – why not use the same unit as Table 1 or 2 (hours / week) ?

1b. “moderate alcohol consumption as greater than zero but not exceeding 10 g/d”
The cut-off “10 g/d” falls in the middle of a alcohol drinking group 5.0- 14.9 – Is it odd?

2. Page 5, Statistical Analysis

This section did not mention a brief description of the definition and calculation method for so called “Age-Adjusted Characteristics of Participants” in Table 1 – what exactly did “age-adjusted” mean? Age is the only covariate adjusted in the model? We need some clarifications.

3. Page 9, Results/Table 3

Consistently to report decimal points?
“additive interaction were 15.9%(95%CI: 8.9-22.9) for age #30 years, 12.9% (95%CI: 8.59-17.1) for 31-35 years,“

--> “additive interaction were 15.9%(95%CI: 8.90-22.9) for age #30 years, 12.9% (95%CI: 8.59-17.1) for 31-35 years,”

That is, 8.9 becomes 8.90.

4. Table 2, footnote

The cut-offs of levels appear somehow arbitrary. Any material impact of different numbers of categories and/or cut-offs on the model results?
Also, “supplemental folic acid intake (no, <400, 400-800 or >800 ug/d).”

vs.

However, mean values of “supplemental folic acid intake, ug/d” in Table 1, just 147 to 166 – much lower than the lower cut-offs in Table 2 (“<400”).

Very skewed distribution or other explanation/correction?

5. Table 3,
Please report the sample size under each of three categories of baseline age groups.

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:
I declare that I have no competing interests