Reviewer's report

Title: Modification of additive effect between vitamin and ETS on childhood asthma risk by GSTP1 polymorphism: a cross sectional study

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Reviewer: Tianwen Lai

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1. Table1 and eTable 1 are hard to understand and some data are inconsistent. For example, the number of children enrolled in this study was 1111, and 245 children were excluded in eTable 1. However, in lines 111-113 stated that: 1,124 children (588 boys and 536 girls) were included in this study. The 232 children who had not answered the food questionnaire were excluded ----. The total number of the each parameter was inconsistent; the expressions of age and BMI were wrong; what do the “Continuous”, “ETS duration (min.)”, “Frequency of ETS” mean? I think the data of pulmonary function test is unreliable, please check it.

2. About the GSTP1 (rs1695) polymorphisms, it is not only description in the paper, but also the results of some related data analysis, such as HWE, other genetic model and allele, should be added in the results.

3. About the question 6, I mean that whether children with the AA genotype who had been exposed to ETS benefit from antioxidant supplementation, e.g., vitamin A or carotene, and the relative data should be added in the results.

Quality of written English: Needs some language corrections before being published