Reviewer's report

Title: Nationwide shifts in the double burden of overweight and underweight in Vietnamese adults in 2000 - 2005: two national nutrition surveys.

Version: 2 Date: 3 October 2010

Reviewer: MMH Khan

Reviewer's report:

Minor Essential Revisions

Comments:

Although the authors adjusted most of the reviewers’ comments in the revised version, one comment (regarding multiple logistic regression) was not addressed properly. In my previous report, I suggested the authors to use multiple multinomial logistic regression instead of multiple binary logistic regression. It was necessary as the outcome variable (BMI) has three or more categories (e.g. underweight, normal weight and overweight). Multiple binary logistic regression is used when outcome variable has only two categories. Use of two categories for outcome variable means that the authors merged normal weight with underweight when they estimated odds ratio for overweight and merged normal weight with overweight when they estimated odds ratio for underweight. In both cases, the results are biased (either underestimated/overestimated) due to merging two different groups. In multiple multinomial logistic regression, the authors should take normal weight as reference category.

Level of interest: An article of importance in its field

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'