Reviewer's report

Title: The Risk of Child and Adolescent Overweight is Related to Types of Food Consumed

Version: 1 Date: 2 May 2011

Reviewer: Luis Ortiz-Hernández

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MAJOR COMPULSORY REVISIONS

In the subjects and methods section:

- The complete list of food items included in each group is needed because the reader need understand the rationality or logic of the classification. Some groups included items with different nutritional value. For example, the beans have fiber and other phitochemicals; whilst the noodles are made with refined flour from wheat or rice. There is not justification to keep these foods in the same group.

- Is unclear how the tertiles or quartiles were computed if the consumption frequencies were never, every month, every week and every day.

- In the statistic analysis, the independence of observations is not accomplished (the students from the same school share the same environment). Therefore, is necessary to consider to the schools as random variables in an ad hoc statistic model.

- The logistic regression models can be adjusted by other potential confounders like physical activity and ethnicity.

In the discussion:

- Is there evidence that the findings saw in children from Seventh-day Adventist schools are generalizable to other schoolchildren from USA?

MINOR ESSENTIAL REVISIONS

- In the second paragraph of introduction, the “low” or “insufficient” adjectives are more precise than the “inadequate” term.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Needs some language corrections before being published
**Statistical review:** Yes, and I have assessed the statistics in my report.

**Declaration of competing interests:**

I do not have conflict of interest