Reviewer’s report

Title: Development and validation of a food frequency questionnaire (FFQ) for assessing dietary macronutrients and calcium intake in Cambodian school-aged children

Version: 1 Date: 07 Jan 2019

Reviewer: Tasnime Akbaraly

Reviewer's report:

To authors

1. In absence of calcium measurements, the validation and reproducibility of a FFQ assessing the calcium and other macronutrients intakes requires further information. It seems important to assess whether some covariates influence the correlations of nutrients intake estimations between the 2 FFQ (as suggested in previous comment). Actually it is important to show that these correlation estimations are the same whatever the age group, the sex, regional situation, … of the children recruited to validate the questionnaire. In the current revision, authors did not respond to this point and did not provide any additional analyses regarding this point.

2. The length of introduction might be reduced

3. Discussion on whether the sample used to validate the FFQ is representative to " the whole school-aged children of Cambodia " is needed

4. More details on the sampling methods should be provided 1138 1140. How many students in Phnom Penh, how the schools have been chosen, Phnom Penh is the capital, how schools differ from more rural area ? … These elements allow to discuss the extent to which the FFQ developed by the authors has been validated in specific population of children of Cambodia and need perhaps further validation in other samples of children?

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