Reviewer’s report

Title: Reliability of self-report measures of correlates of obesity-related behaviours in Hong Kong adolescents for the iHealt(H) and IPEN Adolescent studies

Version: 0 Date: 06 Jun 2017

Reviewer: Véronique Rabenda

Reviewer's report:

Statistical and methodological reviewer's comments:

The aim of this study is to establish measurement properties (reliability and internal consistency) of several scales of correlates of obesity-related behaviours in Hong Kong adolescents. These scales were, firstly, translated and adapted for Chinese-speaking Hong Kong adolescents.

This manuscript is of interest. Some minor comments should be addressed:

1) Concerning the assessment of reliability, the authors used ICC (an appropriate technique) with an interval of 20 days between the both administrations (which is an appropriate time delay, according the literature). Can the authors state why they not assessed item-by-item agreement (using Kappa test)?

2) The internal coherence was examined using the Cronbach α, which is an appropriate method. However, it was not adequate for some of scales which were multi-dimensional. This point should be mentioned.

3) The authors not assessed « construct validity » (which represents the extent to which the results of the questionnaire are related to the theoretical concept to be measured), as well as the « floor and ceiling effects ». Can the authors explain the reason why these both measurement properties were not perform?

Level of interest
Please indicate how interesting you found the manuscript:

An article whose findings are important to those with closely related research interests

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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