Reviewer’s report

Title: Weight Perception and its Association with Socio-Demographic and Health-Related Factors among Korean Adolescents

Version: 0 Date: 03 Nov 2015

Reviewer: Rafaela Rosário

Reviewer's report:

This is a well-written manuscript which aims to examine the extent of weight misperception for Korean adolescents, to explore factors associated with weight misperception, and to examine gender-specific differences in the relationship between weight misperception and health-related factors. This is a topic very interesting because body image is established at this time. However, it is not clear the novelty of the study. Issues and concerns are described below.

1. Methods:

Classification of body weight perception? Did respondents had images about what is considered very underweight, a little underweight and so on?

Health related factors: Please clarify all variables related to health behaviors. In line 1 of page9, it is not clear with what weight perception do the variables have a statistically significant relationship? It is not clear how moderate intensity was gathered? Was the questionnaire of physical activity validated? Line 50 of page 10, are you correct about the level of significance, especially because in the following pages a higher level is either (or not) considered significant (please see page 12, line 43 and18).

2. Results: Why do boys with higher BMI have both likely chance to underestimate and overestimate their weight?

Table 1-Are there any significant differences according to gender?

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.
Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

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

Acceptable

Declaration of competing interests
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