Reviewer’s report

Title: Association between Eating Behavior Scores and Obesity in Chilean Children

Version: 1 Date: 7 July 2011

Reviewer: Diego Silva

Reviewer’s report:

Major Compulsory Revisions:

Abstract
Add the main statistical test used;
Keywords - Put the keywords according to base MESH (http://www.nlm.nih.gov/mesh/)

Background
No justification for the study was identified. It is necessary to add a justification to investigate the association between childhood eating behavior scores and obesity in Chilean obese, overweight and normal-weight children.

DESIGN, SUBJECTS AND METHODS
Design and subjects
Why the amount of overweight children is lower than children in other categories? The reduced number of overweight children can influence the power of the analysis of the study. I wish the authors estimate the power of statistical analysis of the study.

Anthropometric measurements
What was used to standardize anthropometric measurements?
How many people made the anthropometric measurements?
We calculated the technical error of measurement of the evaluators?

The statement: “The pubertal stage (development of breast, genital, and pubic hair) was documented in all children according to the classification of Tanner through self-assessment using pictures”. It should be cited in the original reference of Tanner.

Graphical representation of CEBQ scores
The graphical representation was not easy to interpret. I recommend that the information is presented in table or other type of graphic.

Have you got license to use the Stata?
RESULTS
What was the statistical test used in Figures 2 and 3? It was unclear whether the authors are comparing different groups of students or using the Spearman correlation.
In the third paragraph of the results: Are there any table or figure to these results?
In the fourth paragraph of the results: Are there any table or figure to these results?
DISCUSSION
Although the authors justify the use of the radar chart, it is not eligible for the readers. Recommend change.
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 have no conflict of interest.