Reviewer's report

Title: The changing demographic profile of eating disorder behaviors in the community

Version: 2 Date: 13 August 2014

Reviewer: Chantal Martin-Soelch

Reviewer's report:

I had been asked by the editors of BMC Public Health to evaluate whether the authors responded sufficiently to Professor Stein’s comments in my function as associate editor for BMC Psychology and on the basis of my expertise since Professor Stein couldn’t be contacted on time.

After having read the old and new version of the manuscript, the comments of Professor Stein and the responses from the authors to her comments, I would recommend to publish the manuscript after two small discretionary revisions.

Discretionary revisions:

1) I understand that the first comment of Professor Stein concerned the background literature and this point was not considered by the authors in their responses and I have to say that this sounds more like a description than a real comment. However, Professor Stein stresses the fact that the study can answer some of the issues described, however using a regional sample. I suggest that the authors add the point related in the regional sample in the background literature.

2) Professor Stein stated that “The authors described that the extreme dieting approached significant difference in odds ratios, but the p value was 0.10 that is not considered as significant difference.” The authors already made a change related to this comment, but still describe this result as a trend. As I understand Professor Stein’s comment, she doesn’t consider this result as really close to significance and to my opinion p<0.1 is not a statistical trend anymore. I would suggest that the authors delete the sentence describing this result as a trend. The formulation as a result approaching significance is however OK from my point of view.

I would like to add that the manuscript reports very interesting results that add a new piece of information concerning the epidemiology of Eating Disorders. As I did not perform the review myself, but have been asked to evaluate the author’s responses to another reviewer, it is also difficult to interpret which changes were exactly wanted by Professor Stein. So I can only hope that I did not misinterpret her comments and congratulate the authors for their good job and wish them the best of luck with their publication.

Level of interest: An article of importance in its field
Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:
I declare that I have no competing interests