Reviewer's report

Title: The mediating role of dietary factors and leisure time physical activity on social inequalities in body mass index among Australian adults

Version: 1 Date: 5 September 2013

Reviewer: Ilkka Heinonen

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Discretionary Revision

The study by Gearon and Backholer et al. is well performed and written investigation. This reviewer basically only wonders whether more hierarchical socioeconomic positioning could have provided even more detailed information on the topic. In this regard the question "What is the highest level of education you completed" may not classify subjects well enough if only dichotomised to those who had or had not completed high school. The authors may want to comment on this issue.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests