Reviewer’s report

Title: Association of obesity with socioeconomic status among adults of ages 18 to 80 years in rural Northwest China

Version: 4  Date: 15 October 2014

Reviewer: Lifoter Navti

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Major Compulsory Revisions:
1. It is good the authors have used three categories of SES as I suggested in my last report because of the large sample. It would also be nice for the authors to state the reason for using the middle income category as the reference group in the logistic regression analysis. Many studies in developing or transitional economies that have been published have used either the low income group as the reference group (to demonstrate that those in the middle or high income group are at risk) or the high income group as a reference group (to demonstrate that belonging to the middle or low income group is protective). If there is no reason, I would suggest to the authors to use either the low or high income group as reference group. This may give a clearer picture of the association between overweight/obesity and SES.

Minor Essential Revisions:
2. Line 98: ……… who were recruited ……………
3. Line 129: …………. Define overweight/obesity and abdominal obesity ……………
4. Line 185: please take off ‘in men’ because line 184 already indicates that the information concerns men.
5. Line 209: ……….. but the relationship between education and abdominal obesity was not determined.
6. Line 218: …………, we also observed that participants ………
7. Line 227: Among female participants …………………
8. Line 241: please take off ‘than men’ at the end of the sentence.
9. Line 304: ….. while more women stay at home and occupy themselves with farming.

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:

None