Reviewer’s report

Title: Normal/high-fat milk consumption is associated with higher lean body and muscle mass in Japanese women aged between 40 and 60 years: a cross-sectional study

Version: 1 Date: 05 Dec 2017

Reviewer: Amy Hector

Reviewer’s report:

The authors have addressed many of the reviewers' comments adequately.

The definition of the low and normal/high fat milk consumers vs exclusive low and normal/high fat milk consumers, and non-consumers should be made even clearer throughout the manuscript.

"Brief-type self-administered diet history questionnaire (BDH-Q) inquired about the intake of a food item on a 7-point scale. Concerning normal/high- and low-fat milk, the scale is not about the volume, but about the frequency of intake: twice a day or more (7); once a day (6); 4 to 6 times a week (5); 2 to 3 times a week (4); once a week (3); less than once a week (2); none (1). According to the participants' responses, they were classified as "consumers" if they scored 4 or more, and as "non-consumers" if they scored 3 or less. The Methods section was reorganized to add this information.

What was the average score for the normal/high, low, non-consumers and exclusive consumers?

The introduction and discussion should be improved as per the other reviewers' comments, and with only the relevant literature discussed.

Table 1 - This could be a supplemental table and could be improved by providing the data for each group.

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

Yes

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?
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Yes
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I am able to assess the statistics

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