Reviewer's report

Title: An inverted J-shaped association of serum uric acid with muscle strength among Japanese adult men: a cross-sectional study

Version: 1 Date: 20 June 2013

Reviewer: junxiu liu

Reviewer's report:

Overall speaking, I think this is a good written and organized paper

Major Compulsory Revisions
no

Minor essential revisions
1) I have concern about log transformation since simulations study do not support log transformation since when doing statistical inference, there will be way off the truth. Please check with statistician about this.

2) in the result part, the author mention about potential confounding factors. I think it needs to be spoke out which potential confounding factors were included in the analysis. (even though they listed in the table part)

3) In the discussion part, due to the cross-sectional study design nature, the authors should also point out another very important limitation which is temporality which is different from causality.

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

Quality of written English: Acceptable

Statistical review: Yes, but I do not feel adequately qualified to assess the statistics.

Declaration of competing interests:

I declare that I have no competing interests