**Reviewer’s report**

**Title:** Sex differences in the prevalence and adverse outcomes of sarcopenia and sarcopenic obesity in community dwelling elderly in east China using the AWGS criteria

**Version:** 0  **Date:** 16 Jun 2019

**Reviewer:** Pavlina Andreeva-Gateva

**Reviewer's report:**

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This is very interesting cross-sectional study on the prevalence of sarcopenia and sarcopenic obesity in community dwelling elderly in east China. My major concern is about the statistics. Authors used Student's t-test or the Mann-Whitney U-test, which are applicable only for comparison of two groups. As one can see from the Table 1, there was 3 groups. So, the method should be ANOVA.

According to table 3 Authors performed logistic regression. In this case, please, present also the values of the intercept, beta, SE of beta, Wald's x² and df.

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

No

**Does the work include the necessary controls?**
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