Reviewer’s report

Title: Insulin resistance and systemic metabolic changes in oral glucose tolerance test in 5,340 individuals: An interventional study

Version: 1 Date: 24 Sep 2019

Reviewer: Samantha Thomas

Reviewer's report:

Thank you for addressing all of my comments. A few additional comments:

1) Please be sure that the correct number of markers is reported throughout as 78 - I believe this is now correctly reported in the primary text, but may not be in the figures and supplemental materials.

2) I appreciate that an adjustment for multiple comparisons is applied here, however, I do not believe it is correctly described as the "Bonferroni adjustment", but instead is a combination of the simple M method (I think) and the Bonferroni method. The description of this adjustment should correctly describe this and it would be useful to include a reference.

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.

Not applicable

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

Yes
I am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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