Reviewer’s report

Title: C-Peptide and cardiovascular risk factors among young adults in a southern brazilian cohort study

Version: 1 Date: 05 May 2018

Reviewer: Pavlina Andreeva-Gateva

Reviewer’s report:

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Please overwrite this text when adding your comments to the authors.

Authors tried to respond to all reviewer’s remarks. They ammeliorated the introduction and the discussion. However, they decided not to correct the presentation of the results and declared that "To facilitate reader’s comprehension, we chose to demonstrate a linear trend test for comparison between the means of the defects and the exposure in quartiles of pep-e". Again, results from ANOVA are presented in Table 2 with p-values, and Kruskal-Wallis was performed. In this case it has to be indicated those "p" are about which 2 columns? Results from the multivariate regression has to be presented with intercept and variables, with coefficient (beta), SE, 95% CI

Authors decided not to take in consideration the major comment of the reviewer #2. Me also, I am agree with her that "As we know or at least find it very likely that an increased C-peptide is associated with cardiovascular disease (CVD) it is actually not very interesting to know whether it is associated with risk-actors for CVD". This reviewer tried also to suggest another interesting point of view, i.e. the age ("That already at this age it is possible to see an association between Cpeptide and risk-factors, it would be worthwhile to mention this in the discussion") which was also ignored by the author.

Authors discussed the strenght of their study, but witout mentionning their limitations, which were also suggested by the reviewers.

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?
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?
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.

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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