Reviewer’s report

Title: Distinction of cardiometabolic profiles among people ≥ 75 years with type 2 diabetes: A latent profile analysis

Version: 1 Date: 17 May 2019

Reviewer: Ilaria Cavallari

Reviewer's report:

This single-center study aimed to identify and characterize metabolic subgroups among older patients with diabetes in order to better individualize treatment strategies.

First of all, I would like to praise the authors for doing this analysis, the article is interesting and well written even though the sample size is small and needs to be justified. In my opinion, it would have been better to do this type of analysis in the general population and then restrict to the elderly. Have the authors validated these clusters in the entire population of 3600 patients irrespective of age? In addition, have the authors considered body circumferences in the clustering? Previous data have shown that anthropometric measurements, in particular wrist circumference, can be used as practical tools for assessment of metabolic risk in overweight-obese subjects without diabetes (PMID: 27457430). If not, please add a comment on this topic in the discussion.

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?
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Unable to assess

Are the conclusions drawn adequately supported by the data shown?
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Yes
Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
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I am able to assess the statistics

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