Reviewer’s report

Title: Advanced glycation end products and their ratio to soluble receptor are associated with limitations in physical functioning only in women: results from the CARLA cohort

Version: 0 Date: 20 Jul 2019

Reviewer: Andrea Maier

Reviewer's report:

This is a straightforward manuscript associating AGEs and sRAGE with subjective physical function. The authors have to clearly state that physical function was not measured objectively, but by use of questionnaires, which is a major limitation.

It has to be clearly stated why analysis included the given confounders at page 5. I would strongly suggest including a DAG presenting the confounders.

The data about age (per 10 years), page 9 should be presented (now 'data not shown').

How do you explain that there is no age difference (line 205) - this should be discussed more extensively.

What is the lesson to learn and clinical implication of the findings? This is not clear.

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.

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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