Reviewer’s report

Title: Dual effect of the Valsalva maneuver on autonomic nervous system activity, intraocular pressure, Schlemm’s canal, and iridocorneal angle morphology

Version: 0 Date: 31 Jul 2019

Reviewer: Adel Ebraheem

Reviewer's report:

Dear Drs Wang, Zhang

Thank you for allowing us to review your article. We have some comments about your paper:

1) The anthropometric measurements such as the body mass index (BMI) of the participants should be measured and included in the data analysis. The BMI has an impact on the heart rate.

2) We recommend you to do multivariate analysis.

3) Please use high quality OCT images and clearly outline the ARA750, TIA500, and TISA500 parameters.

4) Did you check for the presence of anisocoria at dim and bright conditions? Did you check for the presence of afferent pupillary defect? you should mention this in the exclusion criteria

5) We recommend you to repeat the measured parameter bilateral and to check if there is any differences

Thank you!

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.

No

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

No
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 recommend additional statistical review

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

Needs some language corrections before being published

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