Reviewer’s report

Title: Cardiac Surgical Outcome Prediction by Blood Pressure Variability Indices Poincaré plot and Coefficient of Variation: an Observational Study

Version: 0 Date: 22 Oct 2019

Reviewer: Alberto Noto

Reviewer’s report:

Thank you for the opportunity to review your work. This is an interesting and well conducted study on the ability of blood pressure variability to predict outcome after cardiac surgery. The topic is very "hot", moreover the aim is very attractive because try to go a step over the association of BPV and postoperative outcomes. I have only the following queries:- How have you performed the data cleaning (automatic or manual algorithm)? - What was defined as artefacts? I strongly believe that the quality of data is more important then algorithms.

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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