Reviewer’s report

Title: FACTORS PREDICTING ONE-YEAR POST-SURGICAL MORTALITY AMONGST OLDER ASIAN PATIENTS UNDERGOING MODERATE TO MAJOR NON-CARDIAC SURGERY – A RETROSPECTIVE COHORT STUDY

Version: 2 Date: 18 Oct 2019

Reviewer: Research Square

Reviewer's report:

STATISTICAL REVIEWER ASSESSMENT:

Is the study design appropriate for the research question (considering whether the analyzed population accurately reflects the design and whether you see any problems with control/comparison groups, e.g., likely confounders)?
No - there are minor issues

Are methodologies adequate and well implemented (considering whether assumptions are addressed and whether analyses are robust)?
No - there are minor issues

Are the analyses adequately communicated (considering whether reporting details are adequate and whether figures and tables are well labeled and described)?
No - there are minor issues

Does the interpretation accurately reflect the analyses without overstatement (considering whether limitations/bias are acknowledged and whether accurate descriptors, e.g., 'significant', are used)?
No - there are minor issues

Could an appropriately REVISED version of this work represent a statistically sound contribution?
Probably - with minor revisions

STATISTICAL REVIEWER COMMENTS:

overall, after revisions and authors repose, paper is in a better shape. My previous questions were appropriately answered.

REQUESTED REVISIONS:
Authors report anemia as a significantly important factor in their outcome of interest and recommended treating anemia preoperatively to improve outcome. They used Hgb as the surrogate for anemia as a continuous variable. However, many studies have shown the cut off treatment of asymptomatic anemia is different in trauma vs. non-trauma patients as well as patients with and without history of cardiac disease and unnecessary treatment of anemia is associated with increased complications.
I would recommend authors to analyze data for anemia as a categorical variable based on surgical definition of anemia for both patients with and without history of cardiac disease to be able to more accurately evaluate impact of anemia on mortality.
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.

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 am able to assess the statistics

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

Needs some language corrections before being published

Declaration of competing interests
Please complete a declaration of competing interests, considering the following questions:

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