Reviewer's report

Title: Interaction between COX-1 and COX-2 increases susceptibility to ischemic stroke in a Chinese population

Version: 1 Date: 08 Apr 2019

Reviewer: Anjana Munshi

Reviewer's report:

In the manuscript entitled "Interaction between COX-1 and COX-2 increases susceptibility to ischemic stroke in a Chinese population", the authors have evaluated the association of variants of COX-1 and COX-2 with pathogenesis of ischemic stroke.

1) The major concern is that the discussion is poorly written.

2) No reference to previous literature has been given.

3) The mechanistic aspects underlying the association between the significant variants and the development of ischemic stroke have not been given properly.

4) The authors should have added a list of previous studies indicating the contribution of COX-1 and COX-2 gene variants with ischemic stroke.

5) The language also needs attention
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.

No

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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:

Not suitable for publication unless extensively edited

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