Reviewer’s report

Title: Prevalence of and risk factors for enlarged perivascular spaces in adult patients with moyamoya disease

Version: 1 Date: 01 Jul 2017

Reviewer: Tackeun Kim

Reviewer's report:

First of all, thank you for your effort to revise manuscript.

Although the authors have revised the manuscript well, fundamental question is not solved yet. Through the manuscript, the authors concluded that adult MMD patients exhibited more EPVS than control group. But they reported higher prevalence of HTN among MMD group. Considering the relationship between EPVS and HTN, hypertension could be a source of EPVS in MMD. With the data on manuscript, the ratio of HTN among lower EPVS MMD (12/35) was similar with the ratio among control group (9/41). The p-value by Fisher's exact test is 0.461. If authors wanted to conclude that EPVS could be induced by MMD, the prevalence of HTN should be matched between MMD and control group. If it is not possible, multivariate analysis between MMD and control group should be performed by stratifying HTN variable, at least.

Second, IQR had better to be presented as (1st quartile - 3rd quartile) to provide more readable distribution status.

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:

Needs some language corrections before being published

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