Reviewer’s report

Title: Statistical Permutation-based Artery Mapping (SPAM): A Novel Approach to Evaluate Imaging Signals in the Vessel Wall

Version: 1 Date: 24 Feb 2017

Reviewer: yang chen

Reviewer’s report:

Though after the first round review, the paper still needs to be improved carefully. A english native language speaker should be invited to polished the language.

Some points are:

page 1 line 49, "atherosclerotic inflamned vessels" should be "inflammed atherosclerotic vessels"; p2,l31, "various approaches" should be "various approaches in this kind"; p3 7, "to analyse" to "in analysing"; p3 l13, "our overall workflow" to "the overall workflow of the proposed method"; p3 L44, "sufficiently high" should be "sufficient"; p4 L13, "mutual nearest" should be "mutually nearest"; p4 L49, "writing" to "recording"; p4, L57, what is "these"; P5L61, "i.e. differences" shoud be "i.e. the diufferences"

There too much to be list all!

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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