Reviewer’s report

Title: Comparing radiomic classifiers and classifier ensembles for detection of peripheral zone prostate tumors on T2-weighted MRI: A multi-site study

Version: 0 Date: 30 Jul 2018

Reviewer: Robert E Lenkinski

Reviewer's report:

This is an interesting and fairly complete manuscript. I suggest that the authors comment on the fact that the AUC of the discovery set was different from the AUC's for the three institutions in terms of why this might happen.

Otherwise the manuscript merits publication.

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
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