Reviewer’s report

Title: Feature Selection through Validation and Un-censoring of Endovascular repair Survival Data for Predicting the Risk of Re-intervention

Version: 2 Date: 13 Sep 2016

Reviewer: Benjamin Lo

Reviewer's report:

The authors of this article present a sophisticated outcome prediction model in aortic aneurysms using censored patient data from an external validation cohort. The selected prognostic factors were found using Machine Learning, specifically, the Feature Selection process of Artificial Neural Networks. I encourage the authors to further explore possible interactions between prognostic factors, and to compare how results found using this machine learning technique compare with other traditional analysis techniques. Of note, patient survival data is extrapolated based on the derivation cohort.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

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Yes

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Yes

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