Reviewer’s report

Title: Enhancement of hepatitis virus immunoassay outcome predictions in imbalanced routine pathology data by data balancing and feature selection before the application of support vector machines

Version: 2 Date: 06 Apr 2017

Reviewer: Adam Dunn

Reviewer's report:

Thank you for the opportunity to re-review the manuscript. I have examined the response to reviewers and the updated manuscript. The authors have addressed the majority of the questions and comments that I had about the manuscript and I have no further or new concerns about the manuscript. The language could be further improved.

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.

Unable to assess

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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