Reviewer’s report

Title: Mining geriatric assessment data for in-patient fall prediction models and high-risk subgroups

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Reviewer: Catherine Sherrington

Reviewer’s report:

This is an interesting manuscript and an important piece of work. The authors appear to have conducted the analyses they set out to use and to have presented the results accordingly even though the model did not perform well. The authors are to be commended for this as studies showing that it is difficult to accurately predict falls in hospitals contribute importantly to the field.

Major Compulsory Revisions

It is not clear to me how the analyses dealt with missing date- this is very important given the large proportion of missing data for some variables (i.e., up to 58%). This needs to be clearer throughout the manuscript and addressed in the discussion. Sample sizes should also added to the tables.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests