Reviewer’s report

Title: Development and validation of a novel prediction model to identify patients in need of specialized trauma care during field triage: design and rationale of the GOAT study

Version: 0 Date: 19 Feb 2019

Reviewer: Gareth Ambler

Reviewer’s report:

This is a well-written paper describing the design of the 'GOAT' study. I have only minor comments.

Line 60. Please provide some details regarding the 'relatively small sample size'.

Line 76. Update this sentence.

Line 147. Consider discussing the (implicit) missing data assumptions made by the machine learning algorithm.

Lines 163-165. Please provide some references for this statement.

Lines 165-175. This section does not provide much insight into how boosting works. In addition, it contains a lot of jargon. Consider expanding this section (with suitable references).

Lines 181-184. This section could be clearer. Consider expanding this section.

Lines 184-186. Please provide a reference for this algorithm.

Line 191. Please provide a reference for the decision curve analysis.

Line 235-237. I did not understand this sentence. Please clarify.

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An article of importance in its field

Quality of written English
Please indicate the quality of language in the manuscript:

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