Reviewer’s report

Title: UMBRELLA PROTOCOL: Systematic reviews of multivariable biomarker prognostic models developed to predict clinical outcomes in patients with heart failure

Version: 0 Date: 16 Mar 2020

Reviewer: Hrishikesh Chakraborty

Reviewer's report:

The objectives of this research is not specific enough. For example, authors did not define any specific biomarkers, clinical outcomes, and the type of prognostic models they will be considering for this proposed project.

The primary objective of this research is also very broad. For example, composite outcome can be contracted in different ways with incorporating several clinical outcomes. It is not clear from the proposal what specific clinical outcomes will be considered, types of composite outcomes will be included and how it will be accomplished.

Extensive literature review section is required to summarize previous work in all specific areas this research will be concentrating.

Analysis methodology section need to address how different composite outcomes (where the type of composite outcome, composite outcome contraction algorithm, and clinical outcomes used to contract composite outcome might be different) will be analyze addressing all variabilities mentioned above. Authors need to propose appropriate statistical analysis methods to address analysis challenges of this research project.

Level of interest
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An article of importance in its field

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

Acceptable

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