Reviewer’s report

Title: Development of a Disease-Specific Graded Prognostic Assessment index for the management of Sarcoma patients with Brain Metastases (Sarcoma-GPA).

Version: 1 Date: 11 Oct 2019

Reviewer: Anthony D. Elias

Reviewer's report:

While it is appropriate to exclude treatment from a prognostic score, the assumption in developing the model is that treatment effects are evenly distributed amongst the prognostic groupings such that the factors used in the prognostic score are independent of the treatment. For example, if the ASPS group all got SRS, whereas the LMS group got only WBRT, then it is not possible to separate these confounding factors. The original paper does not describe the treatment received by the current prognostic group. It would be helpful in supplementary Table 1 to provide columns H1-H4 describing the therapy these groupings received. If there is a significant skew, then it would need discussion.

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.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

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I am able to assess the statistics
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