Reviewer's report

Title: BMP-2 response pattern in human lung fibroblasts predicts outcome in lung adenocarcinomas

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Reviewer: ZHENGDENG LEI

Reviewer's report:

The authors derived BMP2 induced gene signature and demonstrated that it could predict the prognosis of lung cancer patients in multiple datasets. The paper and supplement are well-written and provide good justification for their arguments. I would suggest only a very minor revision.

Minor Essential Revisions:
(1) Page 7, "Disease-specific survival analysis was based on the number of deaths caused by the disease, with patients censored at the last follow-up. In this analysis, patients who died from other causes were considered alive and not censored." Please double check the definition of censoring in survival analysis
(2) For all the heatmaps with a dendrogram, please either delete the dendrogram or make it smaller than the heatmap
(3) Please provide more detail explanation in SAM analysis, e.g. in Figure 2A.
(4) Please provide cox pvalues in Figure 5.

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