

## Response to reviewers

### Reviewer #1:

Scientific Quality: Grade C (Good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

**Specific Comments to Authors:** *You should focus more on the primary title and adequately explain your title in the introduction section. The general quality of the text is good, but I consider that the introduction could have used additional support, and the discussion section might have made better use of recent updates and explain limitations part better.*

#### Response:

We would like to thank you very much for your valuable feedback. We have discussed in the introduction section the short-term effect of diabetes mellitus in elderly post liver transplantation as per your request. We have also a recent reference which is relevant to this study. The limitation section was edited as required. All changed parts are highlighted in the revised manuscript document.

### Reviewer #2:

Scientific Quality: Grade B (Very good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Minor revision

**Specific Comments to Authors:** *I am really grateful for reviewing this manuscript. In my opinion, this manuscript can be published once some revision is done successfully. This study used Kaplan-Meier curves, log-rank tests and 148 patients to compare survival rates between those with and without liver transplantation. I would like to point out that this is a great achievement. However, I would like to suggest the authors to address the issue of random forest survival analysis in Discussion. Random forest survival analysis is considered to represent the rapid rise of artificial intelligence in medicine, which surpasses traditional statistical approaches in terms of accuracy and explainable utility.*

#### Response:

Thank you very much for taking time to revise our manuscript and thank you for your highly valuable comment. This is a very interesting point. We equally noticed the recent interest in the use of Random Forest survival analysis. However, we admit to our limitation in utilizing this exciting new tool. This is highlighted in the revised manuscript document.