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Prof. Andrzej S Tarnawski Editor in Chief *World Journal of Gastroenterology*

Dear Prof. Andrzej S Tarnawski,

We are very grateful for the opportunity to submit the revised version of our manuscript entitled "From Prediction to Prevention: Machine Learning Revolutionizes Hepatocellular Carcinoma Recurrence Monitoring" to be evaluated to be published in your journal. We have addressed all reviewer questions and criticisms. We believe that the revised version has been substantially improved.

Thank you very much in advance for your attention. We are looking for a positive response.

Best wishes

Nahum

Point by point response

Reviewer 1

Scientific Quality: Grade C (Good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Accept (General priority)

Specific Comments to Authors: This editorial is based on the article "Development of a machine learning-based model for predicting risk of early postoperative recurrence of hepatocellular carcinoma". It proposes to address the challenges related to data quality and model interpretability, and explores innovative methods such as multi-omics integration and continuous model refinement. These methods will pave the way for improving treatment outcomes for patients in the field of HCC treatment and healthcare practice. However, supplementing the machine learning type in the text would make it more complete.

Author response: Thank you for your valuable comments

Action taken: We have added the requested information on page 6.

Reviewer 2

It is not suitable for publishion.

Author response: Thank you for your valuable comments.We revised the manuscript based on comments from another reviewer.