

**Journal:** *World Journal of Transplantation*

**Invited Manuscript:** 02731847

**Manuscript Type:** SYSTEMATIC REVIEWS

**Title:** Use of Machine Learning Models for the Prognostication of Liver Transplantation:

A systematic review

**Short title:** Machine Learning Models and Prognostication of Liver Transplantation

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**Answer to Reviewers:**

Overall, this manuscript presents innovative ideas clearly and effectively. The structure is well-organized, and the writing is clear and concise. The author has done an excellent job of explaining a complex technical process in an easy-to-understand way.

*We sincerely appreciate your positive feedback on the manuscript. Your kind words are truly motivating, and I'm delighted to hear that you found the innovative ideas well-presented and the structure well-organized. Making a complex technical process easily understandable was indeed a priority, and I'm pleased to know that it has been achieved to your satisfaction. Your encouraging comments mean a lot, and I'm grateful for your thoughtful review.*

Ensure that the references cited in the introduction and related work section are thoroughly addressed in the reference section.

*The references cited in the introduction and related work section have been cross-checked, and any missing references have been added to the reference section.*

Provide an extended version of the introduction, with elaboration on key points, supportive ideas, and references.

*The introduction has been extended to include elaboration on key points, supportive ideas, and additional references to enhance its comprehensiveness.*

Revise the conclusion section to provide a more insightful and comprehensive summary of the manuscript.

*The conclusion section has been revised to offer a more insightful and comprehensive summary of the manuscript.*

Ensure that all references are properly formatted according to the relevant rules.

*All references have been meticulously formatted in accordance with the relevant rules and guidelines.*

The following articles could be useful: • Involving machine learning techniques in heart disease diagnosis: a performance analysis. <http://doi.org/10.11591/ijece.v13i2.pp2177-2185> • A diagnostic testing for people with appendicitis using machine learning techniques. <https://doi.org/10.1007/s11042-022-11939-8>

*We have cited these references in the manuscript.*