

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 64264

Title: Prediction of hepatic inflammation in chronic hepatitis B patients with a random forest-backward feature elimination-algorithm

Reviewer's code: 05628850

Position: Editorial Board

Academic degree: PhD

Professional title: Associate Professor

Reviewer's Country/Territory: India

Author's Country/Territory: China

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Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-02-13 16:22

Reviewer performed review: 2021-02-16 16:07

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Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

Good Work and you can upload the synthesized data so that effective research could be carried out still more. Page No. 1 - Line 3, dataset description mentioned both as positive patient. Table 1 has the clinical features considered for work according to you and after applying the process u derived table 2 but features are not matching. List all the attributes and then apply the procedure to get reduced potential feature for further processing. Feature extraction, selection, and model building - clarity for this topic , LASSO explanation is required. Figure 4 required to be optimized and not able to infer.