

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 72723

**Title:** Added value of systemic inflammation markers for monitoring response to neoadjuvant chemotherapy in breast cancer patients

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 06209652

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** China

**Manuscript submission date:** 2021-10-25

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-10-25 15:10

**Reviewer performed review:** 2021-10-31 15:55

**Review time:** 6 Days

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 ] Grade E: Do not publish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



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<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="radio"/> ] Anonymous [ <input type="radio"/> ] Onymous Conflicts-of-Interest: [ <input type="radio"/> ] Yes [ <input checked="" type="radio"/> ] No
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## **SPECIFIC COMMENTS TO AUTHORS**

1. First, the authors did a huge amount of work on this topic and they are to be congratulated. In this study, ML-based integrated analysis is a new computer-based method, which has not been used in predicting response of NACT in breast cancer. I appreciate this is a practical way to solve clinical problem. 2. In this study, the authors draw a conclusion that ML performed better than models using conventional methods, and the SVM model performed best. I suggest that how to concretize the clinical application of SVM needs to be explained in detail by the author in the article. I firmly believe that it will be easier for readers to understand. 3. In this study, the authors have evaluated the performance of ML-based models, Some ML-based models performed better than models using conventional statistical methods in both ROC curves. If possible, more external data is used to verify the robustness of the model, which will make the results more convincing.

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**Reviewer's code:** 05380317

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Assistant Professor

**Reviewer's Country/Territory:** India

**Author's Country/Territory:** China

**Manuscript submission date:** 2021-10-25

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-11-01 02:50

**Reviewer performed review:** 2021-11-01 02:57

**Review time:** 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input 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
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The study is a RETROSPECTIVE STUDY and the authors have mentioned that data period of study is "Between January 1, 2013 and December,1, 2021" December 1, 2021 has not arrived yet.