Name of journal: World Journal of Critical Care Medicine

Manuscript NO: 76890

Title: Data Science in the Intensive Care Unit

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 05483101

Position: Editorial Board

Academic degree: FIAC, MD

Professional title: Assistant Professor

Reviewer’s Country/Territory: Malaysia

Author’s Country/Territory: China

Manuscript submission date: 2022-04-11

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-04-11 23:55

Reviewer performed review: 2022-04-13 02:13

Review time: 1 Day and 2 Hours

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<th>Scientific quality</th>
<th>[ ] Grade A: Excellent</th>
<th>[ ] Grade B: Very good</th>
<th>[Y] Grade C: Good</th>
<th>[ ] Grade D: Fair</th>
<th>[ ] Grade E: Do not publish</th>
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<td>Language quality</td>
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<td>Conclusion</td>
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<td>Peer-reviewer</td>
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SPECIFIC COMMENTS TO AUTHORS
An interesting article suitable for editorial, discussing potential usefulness of artificial intelligence in managing huge ICU data. Some suggestions for further improvements:
• Suggest rewording the title. The title is not well understood by readers. What are micro and macro mean? • Also suggest not to use abbreviation in title. ICU should be spelled in full. • Some definitions were missing in the manuscript, such as macro, micro, data science, etc with examples. • Despite the benefits, I suggest the authors to include a section focusing and discussing on the issues that may raise with the applications of AI in ICU settings.
PEER-REVIEW REPORT

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Reviewer’s code: 06264045

Position: Peer Reviewer

Academic degree: MS, MSc

Professional title: Professor

Reviewer’s Country/Territory: India

Author’s Country/Territory: China

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Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-04-11 12:08

Reviewer performed review: 2022-04-14 03:14

Review time: 2 Days and 15 Hours

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SPECIFIC COMMENTS TO AUTHORS

Nice topic