

JOURNAL EDITORIAL BOARD'S REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 87137

Title: Challenges involved in the application of artificial intelligence in gastroenterology:
The race is on!

Journal Editor-in-Chief/Associate Editor/Editorial Board Member: Dimitri Poddighe

Country/Territory: Kazakhstan

Editorial Director: Jia-Ru Fan

Date accepted review: 2023-11-23 04:46

Date reviewed: 2023-11-24 07:06

Review time: 1 Day and 2 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	language polishing	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Major revision

JOURNAL EDITORIAL BOARD COMMENTS TO AUTHORS

This opinion review could be better organized from my point of view. Here are some comments and suggestions: - "Computer systems, in general, and AI/ML tools, particularly, surpass, by far, physicians in their ability to quantify multiple correlations, even in fields where the physicians hold in-depth expertise. Thus, the application of ML tools is particularly useful when the "truth" lies within the data." Even if this is an opinion review, the authors should support the strongest statements. In this case, at least the authors should avoid to reduce the medical act or patients' management to a pure matter of data analysis and calculation. Therefore, I suggest the authors revise their manuscript overall and pay more attention to this aspect or discuss better some aspects. - Table 1: it could be more informative. In the last column, the analytical parameter could be abbreviated, but indicate as a note through a number. Study design and aims should be better clarified. The authors may change the layout of the word page, in order to add more columns. It is not clear if these studies



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included a control group. - in order to make this review more objective, I would suggest the authors to re-organize it and create specific sections specifically related to the type of big data that were investigated (endoscopy? molecular aspects? microbiome? others?)