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PEER-REVIEW REPORT

Name of journal: *World Journal of Gastrointestinal Oncology*

Manuscript NO: 84730

Title: Development and validation of an online calculator to predict the pathological nature of colorectal tumors

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06110656
Position: Peer Reviewer
Academic degree: MD

Professional title: Assistant Professor, Doctor, Research Assistant

Reviewer's Country/Territory: Austria

Author's Country/Territory: China

Manuscript submission date: 2023-04-01

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-04-06 09:06

Reviewer performed review: 2023-04-17 02:00

Review time: 10 Days and 16 Hours

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Novelty of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No novelty
Creativity or innovation of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No creativity or innovation

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Scientific significance of the conclusion in this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No scientific significance
Language quality	[ ] Grade A: Priority publishing [Y] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [ ] Accept (General priority) [Y] Minor revision [ ] Major revision [ ] Rejection
Re-review	[Y] Yes [ ] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

Early detection and removal of adenomas shall provide an opportunity for screening and preventing the development of early colorectal cancer. At present, Kudo's pit, capillary, and surface vascular patterns are widely applied to assess the risk of colorectal cancer. However, these staging systems require staining endoscopy, magnification endoscopy, narrow-band imaging, and experienced endoscopists who can operate narrow-band imaging and magnification endoscopy. In this study, the authors established a simple, practical and stable online calculator to predict the nature of colorectal tumors based on white-light image. This study is overall well designed and the performed. The results are very interesting. Minor comments: 1. There are some minor language polishing which should be corrected. 2. The references should be edited according to the journal's guideline. 3. The quality of the figure 2 and figure 5 should be improved.

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Reviewer's code: 06540274
Position: Peer Reviewer
Academic degree: MD, PhD
Professional title: Assistant Professor, Research Associate
Reviewer's Country/Territory: United States
Author's Country/Territory: China

Manuscript submission date: 2023-04-01

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-04-06 00:44

Reviewer performed review: 2023-04-17 02:14

Review time: 11 Days and 1 Hour

Scientific quality	[ ] Grade A: Excellent [Y] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
Novelty of this manuscript	[Y] Grade A: Excellent [ ] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No novelty
Creativity or innovation of this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No creativity or innovation

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Scientific significance of the conclusion in this manuscript	[ ] Grade A: Excellent [Y] Grade B: Good [ ] Grade C: Fair [ ] Grade D: No scientific significance
Language quality	[Y] Grade A: Priority publishing [ ] Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
Conclusion	[ ] Accept (High priority) [Y] Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection
Re-review	[Y] Yes [ ] No
Peer-reviewer statements	Peer-Review: [Y] Anonymous [ ] Onymous
	Conflicts-of-Interest: [ ] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

This is an interesting study of an online calculator to predict the pathological nature of colorectal tumors. This calculator can assist the endoscopists in diagnosing early colorectal cancer, improving the detection rate, and selecting treatment protocols. The reviewer recommends to accept this study after a minor editing.