Answer to Reviewer

Thank you for your important comments, which were extremely helpful for improving the quality of our manuscript.

Reviewer 1: *This manuscript introduces the reader to a new technological tool for prediction of pathology in colorectal polyps. It remains unclear to me if the authors have implemented this diagnostic tool to their clinical practice? How Having this technology will impact the decision for removal of polyps encountered during colonoscopy?*

Thank you very much for important comments.

A recent meta-analysis showed that the diagnostic efficacy of the Japan Narrow-band-imaging Expert Team (JNET) classification may be equivalent to that of the Pit pattern classification (World J Gastroenterol. 2020: 28;26(40):6279-6294.). The meta-analysis suggested that the JNET classification should be promoted for classification of colorectal lesions, and to guide the treatment strategy. Although the brown slit sign is simpler and easier than the JNET classification, the diagnostic efficacy of brown slit sign has not been proven to be equivalent to that of the JNET classification yet. The comparison of the diagnostic efficacy between brown slit sign and the JNET classification is future issue. These comments were added into the revised manuscript (the limitation section of Discussion ).

Reviewer 2: *The diagnostic performance of brown slits for adenoma is very good.*

Thank you very much.

Reviewer 3: *The paper is very valuable, and all researchers deserve thanks for their efforts. I liked the discussion of the limitations of this study. They are very detailed which could give us an impulse to start more and more studies to improve this new finding. Kind regard,*

Thank you very much.