# **Reviewer Report**

Title: NuCLS: A scalable crowdsourcing approach & Damp; dataset for nucleus classification and segmentation in breast cancer

Version: Revision 1 Date: 1/10/2022

Reviewer name: Monjoy Saha, PhD

#### **Reviewer Comments to Author:**

The authors previously claimed that their methodology is novel. After revision, they claimed that their workflow is novel. The statement is confusing. The authors should provide sufficient evidence in support of their claim.

The authors didn't reply to my question related to the comparative analysis. It will be better if the authors compare the performance of their workflow by replacing Mask R-CNN with other deep neural networks.

I checked the Github repository "github.com/PathologyDataScience/NuCLS."

Mask\_RCNN @ 403afaf-four years old code written by someone else. I found a Github link https://github.com/matterport/Mask\_RCNN. Most probably, this is the actual source of the Mask\_RCNN code. The authors' codes contain a lack of instructions.

The demo is interesting.

### Methods

Are the methods appropriate to the aims of the study, are they well described, and are necessary controls included? Choose an item.

### **Conclusions**

Are the conclusions adequately supported by the data shown? Choose an item.

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