

## ***Response to Reviewers' Comments***

**Ms. Ref. No.:** DIB-D-23-00159

**Title:** An Applied Statistics dataset for human vs AI-generated answer classification

### ***Summary***

We are grateful to the anonymous reviewers for their detailed observations and constructive feedback. We have revised the manuscript minutely considering all the issues. Responses to the specific review comments (shown in *italic*) and other changes to the manuscript are given below.

### ***Reviewer: 1***

***Minor Issue 1:*** “However, their performances may be affected by the skin hair artifacts.” Please add a reference to this statement.

**Response:** We have added the following reference in support of the statement (page 3, line 15):

- Li W, Joseph Raj AN, Tjahjadi T, Zhuang Z. Digital hair removal by deep learning for skin lesion segmentation. Pattern Recognit 2021;117:107994. <https://doi.org/10.1016/J.PATCOG.2021.107994>.

***Minor Issue 2:*** “The dermoscopic\_image folder contains 500 dermoscopic images handpicked from the primary image source [1] covering different hair patterns”. Please elaborate on what you mean by the different hair patterns.

**Response:** We have added an explanation for different hair patterns (page 3, line 32):

By different hair patterns, we emphasize the variation in terms of width, length, color, shape, and density of skin hairs.

***Minor Issue 3:*** Please explain how the annotators modify the segmentation masks in the Adobe Photoshop software (possibly a step-by-step guideline).

**Response:** We have added a video demonstration of the segmentation mask editing process using Adobe Photoshop software (*mask\_editing\_process.mp4* file of our GitHub repository:

<https://github.com/imranrana/Skin-Lesion-Hair-Mask-Dataset>). We also added the involved steps in the revised manuscript (page 5, line 10).

***Minor Issue 4:*** The link to the original dataset (<https://data.mendeley.com/datasets/j5ywpd2p27/1>) should be added to the GitHub repository.

**Response:** We have added the link to the original dataset in the *README.md* file of our GitHub repository: <https://github.com/imranrana/Skin-Lesion-Hair-Mask-Dataset>.

### ***Other Changes***

1. We have corrected all the typographical errors that we found.