A Survey On Classification Of Skin Lesions and Detection Of Cancer Using Deep Learning Technique

Selvi A[1], Aarthi Nivetha S[2],Dhivya V[3], ,Kaaviya A[4],
[1,2,3]Department of Computer Science and Engineering
[1,2,3]M. Kumarasamy College of Engineering, Thalavapalayam, Karur, Tamil Nadu
[1] selvia.cse@mkce.ac.in
[2] aarthivive143@gmail.com
[3]dhivyavelusamy475@gmail.com
[4]kaavimaya1811@gmail.com

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Review Comments with Response

Review Comments:1

1. **In related paper section, recent Literature papers should be referred**

Response:

Yes, we have referred recent Literature papers.

2. The proposed skin segmentation is not understandable needs explanation in section 3, Figure 1.

Response:

We have explained proposed skin segmentation

3. **Keywords and equation should be illustrated in section 4, Page 9**

Response:

Accuracy = (TP + TN)/TS
Precision = TP/ (FP + TP)
Sensitivity (recall) = TP/ (TP + FN)
Specificity = TN / (FP + TN)
Accuracy shows the percentage of correct prediction,

$$Accuracy = \frac{TP+TN}{TP+TN+FP+FN}$$

Specificity measures the proportion of FP that are correctly identified by model,

$$Specificity = \frac{TN}{TN+FP}$$

Sensitivity measures the proportion of predicted TP that are correctly identified by model,

$$Sensitivity/Recall = \frac{TP}{TP+FN}$$

F1 score also known as balanced F-score or F-measure, is a weighted average of the precision and recall,

$$F1\ Score = \frac{2*TP}{2*TP+FP+FN}$$

4. Table 1 lacks in symmetry, needs format alignment in section 4 page10

Response:

The table has been formatted.