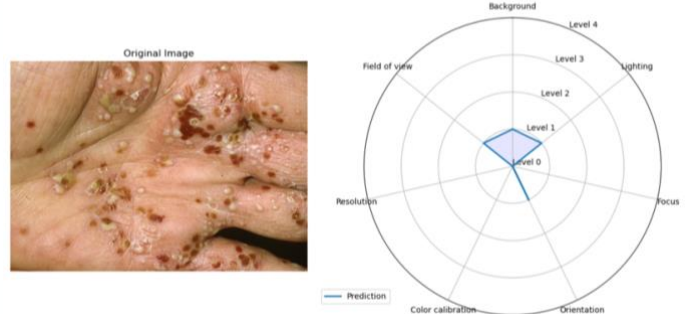
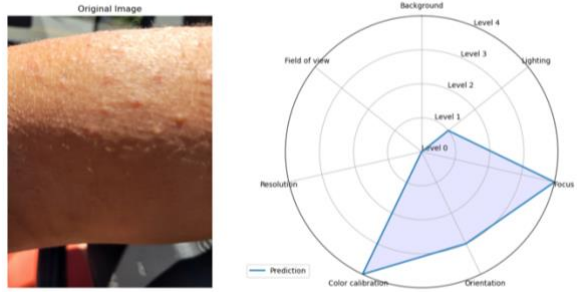


Bachelor Thesis Update [17. May 2024]

Progress overview

- Train XGB classifier and regressor.
- Experimented with cropping of image (4 corner and center) while training and with no cropping.
- Better visualizing predictions and metrics for each criterion.



Accomplishments

- Fitzpatrick dataset performs better than SCIN dataset.
- Train XGB classifier.
- Visualizing predictions and metrics.
- Expand dataset by combining Fitzpatrick and SCIN.

Challenges

- [Planned measures]

- The metrics such as precision and recall are around 40%. [Hyperparameter tune with grid search or sweeps in wandb. Cross validate the dataset.]

Next steps

- Update report of the experiments and results.
- Create Web-Abstract.
- Try rank correlation (SROCC).

Discussion points

- I tried different ideas and models during experimenting. Should I leave them in the code or delete them? Because I will be mentioning them in the report.
- Distortion pipeline image and architecture overview image.

Next meeting

- Tuesday morning maybe!

