

Age classification - For the age classification problem I have tried processing some images of old people that I found on the internet.

It turns out that none of the binary layers is working on most of those images. I don't know exactly why, but a reason for that could be that the skin color of old people is different and there is a lot of noise in the skin part.

I have also tried applying MatchRGB and MatchHSV to the images and then extracting the binary layers. Unfortunately, there are no significant improvements.

I think that the problem may be solved by smoothing the image first and then applying the binary layers.

For classifying the age of the person, we may calculate the "noise". We can have a variable that computes the face color deviation. If it is high, the person may have many wrinkles on his/her face, while the color of the face of a younger person should be more monotonic. However, for that we need to first of all correctly identify the face skin region.