I first tried to change the percentile, and found that the score improves by 0.01 when I set it to 35 instead of 50. I then tried to change the parameters (distance and angles) of the greycomatrix function, but it didn't do much to the score. I looked at the pictures of true positive and true negative, and thought that one difference between having a synapse and not having a synapse is the presence of "bubbles" in the picture. So I try to add the function "blob_dog", which is supposed to detect "blobs," but I kept getting errors (value error and others). I then tried the shape_index function, but my code kept getting an "attribute error". Then I tried the "canny" function, and was able to make it to work. However, it only lower the score, unless we set the sigma at a very high value, in which case the score is unaffected. I also tried the hessian_matrix_det function, but couldn't get it to work either. In the end my best f score was 0.76.