Plots

TP: If IOU > IOU threshold and Class of predicted mask is the same as class of that true mask

FP: If IOU< IOU Threshold or Class of the predicted mask is not the same as the true mask with which it has an IOU > IOU threshold.

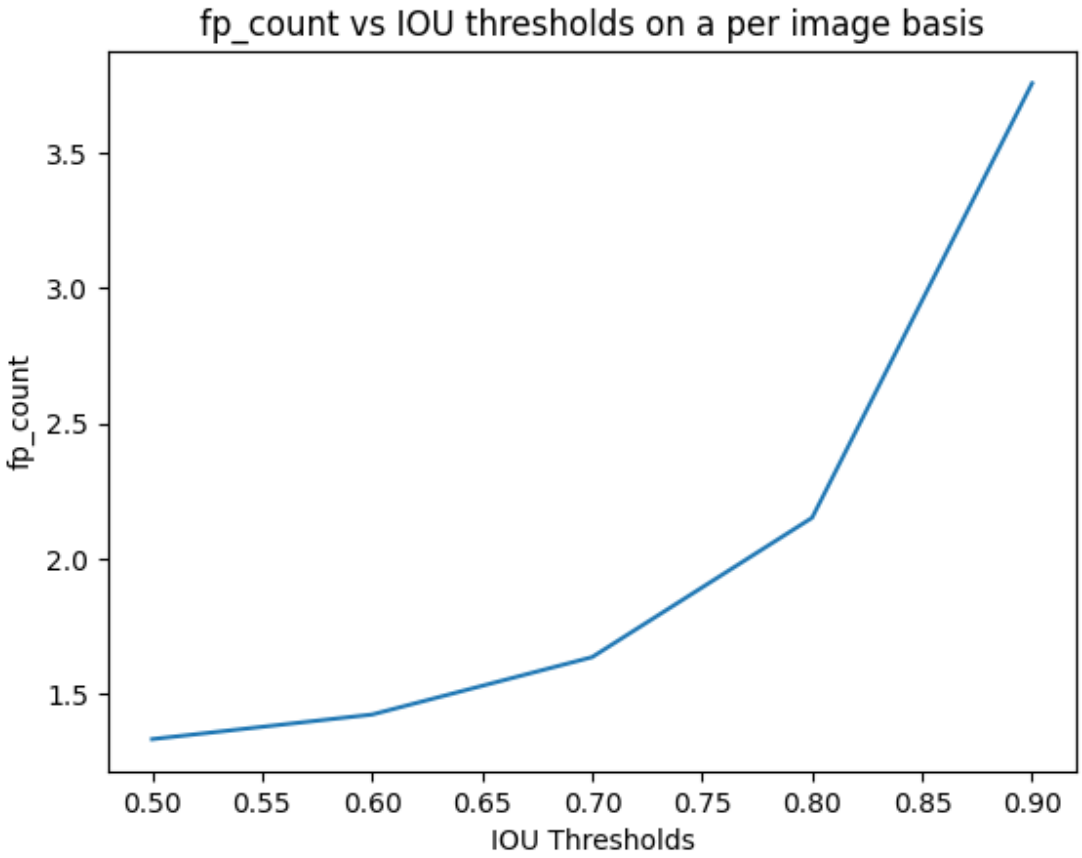
tp_count: Number of TPs
fp_count: Number of FPs

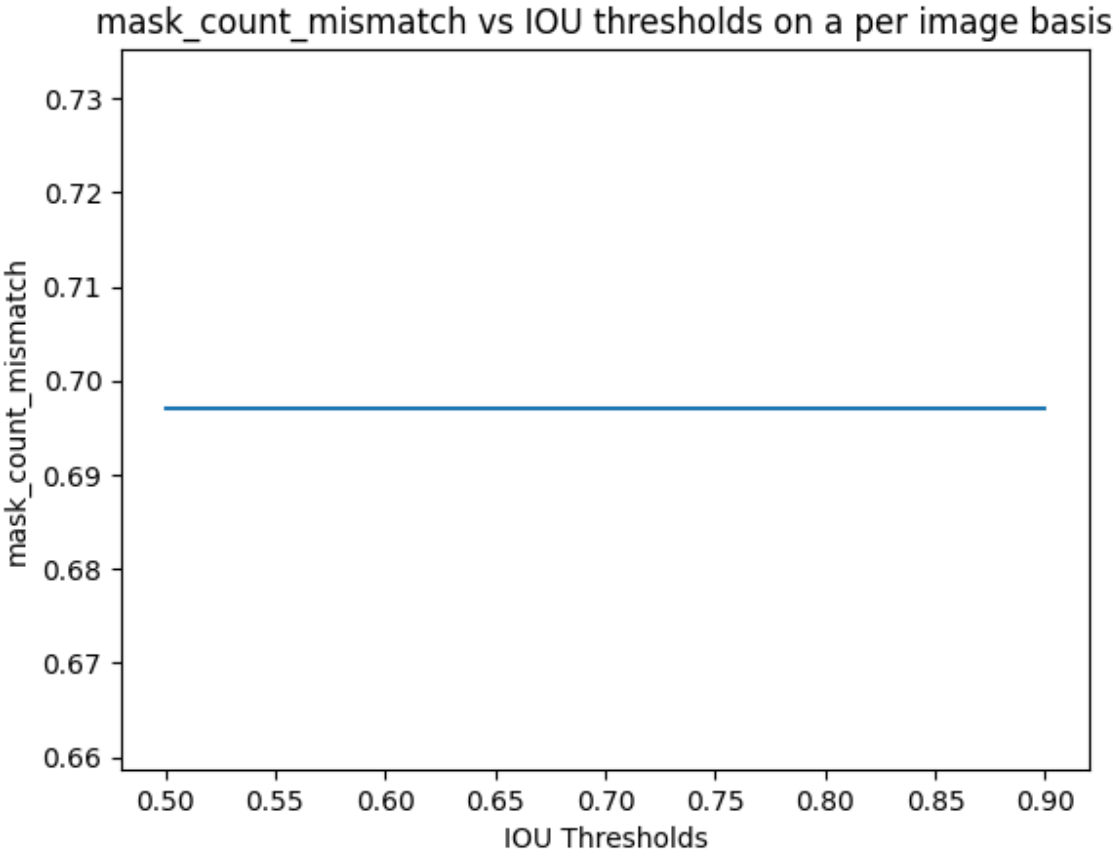
mask_count_mismatch: Number of images where the predicted mask didn't match the true mask

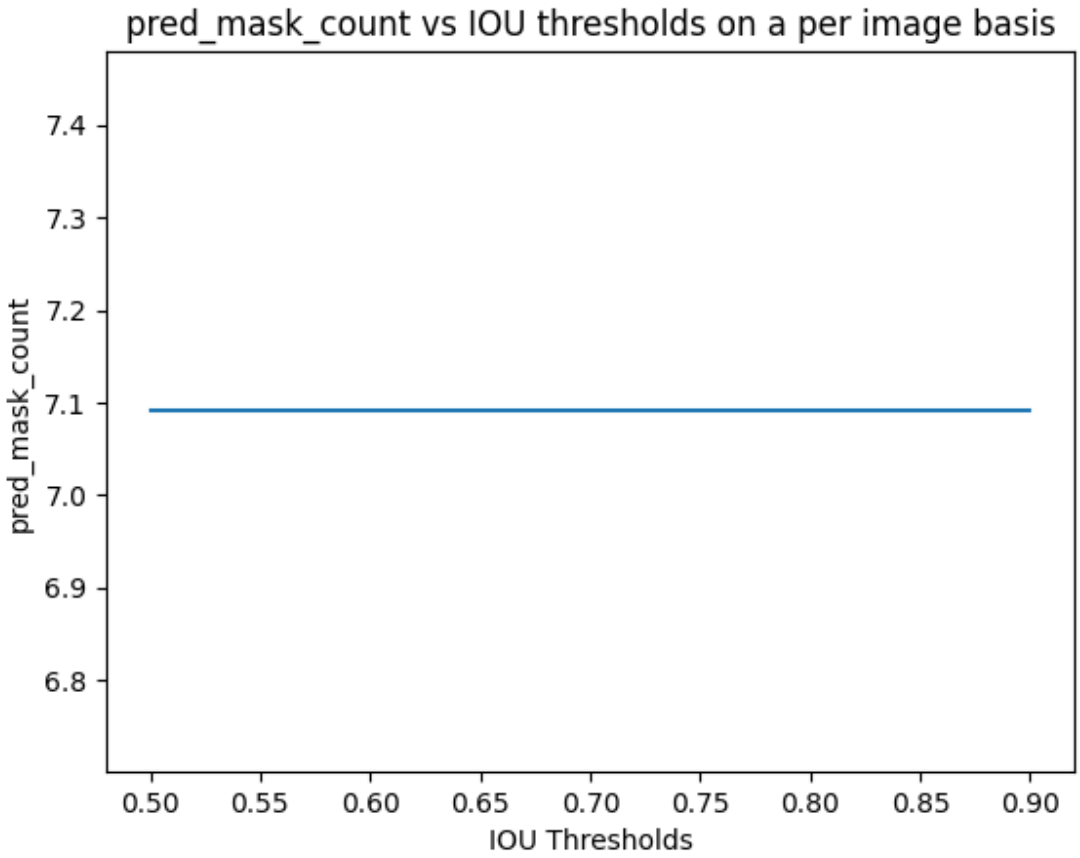
pred_mask_count: Number of predicted masks
true_mask_count: Number of true masks

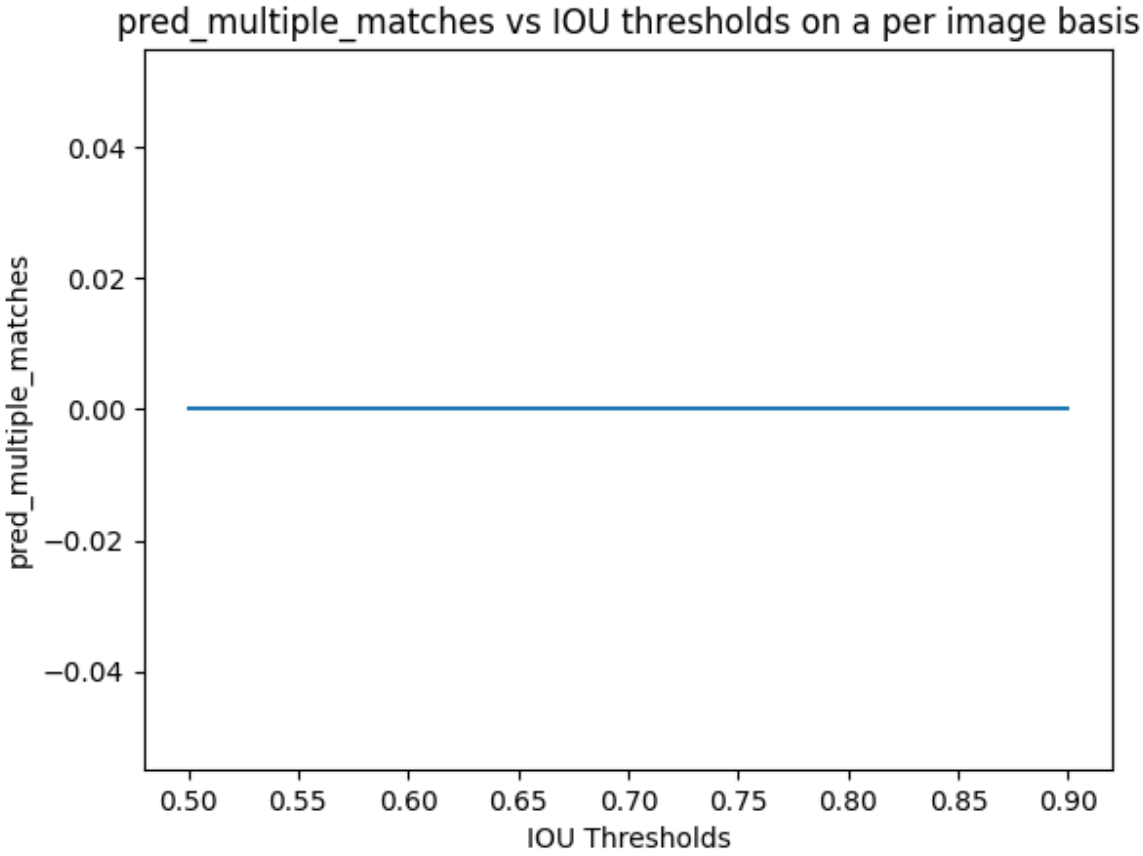
pred_multiple_match: Number of times a single predicted mask matched more than 1 true mask
true_multiple_match: Number of times a single true mask matched more than 1 predicted mask

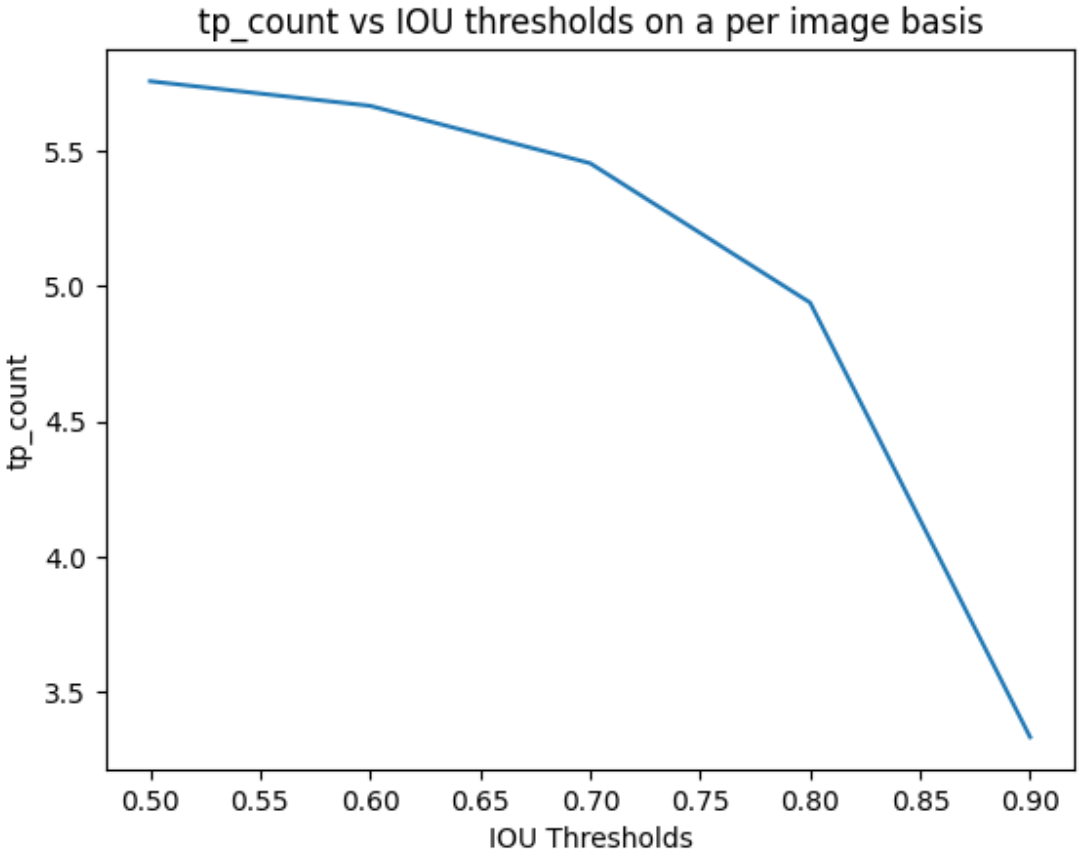
true_mask_no_match: Number of times a true mask had no match from any of the predicted masks
true_masks_with_match: Number of times a true mask had a match with at least one of the predicted masks in that image

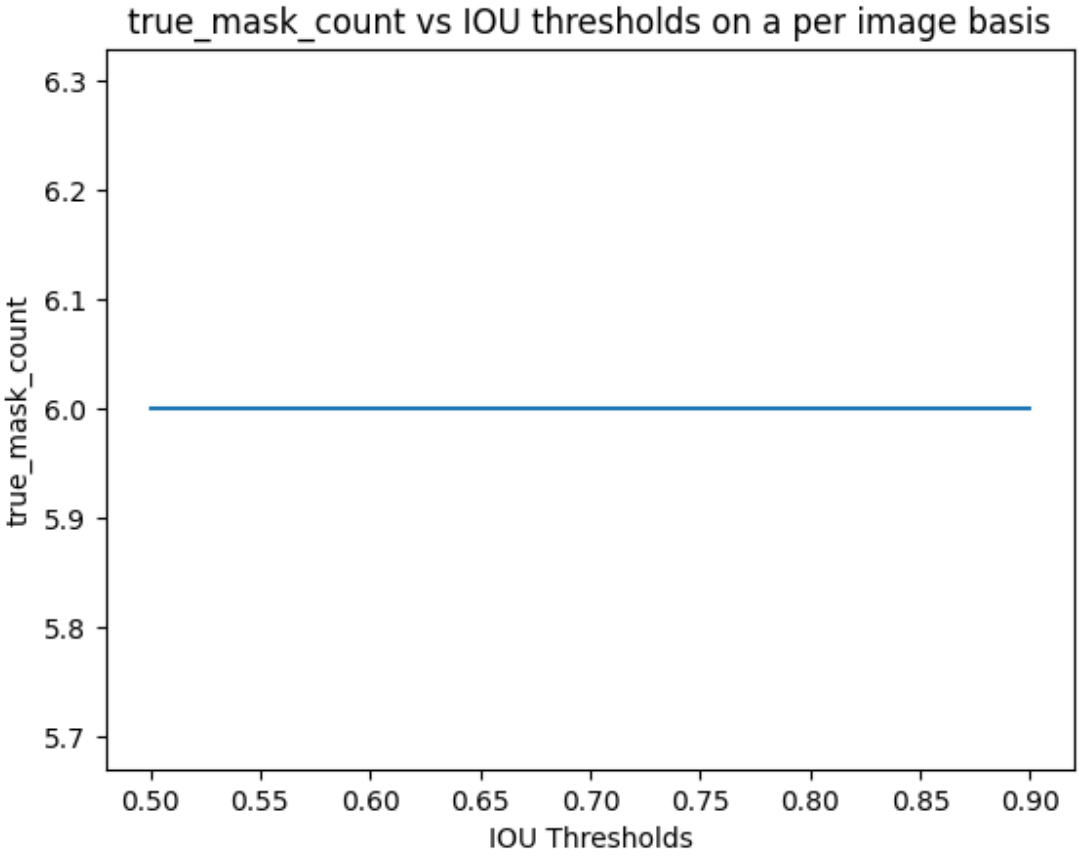

fp_count vs IOU thresholds on a per image basis
fp_count
3.5
3.0
2.5
2.0
1.5
0.50
0.55
0.60
0.65
0.70
0.75
0.80
0.85
0.90
IOU Thresholds

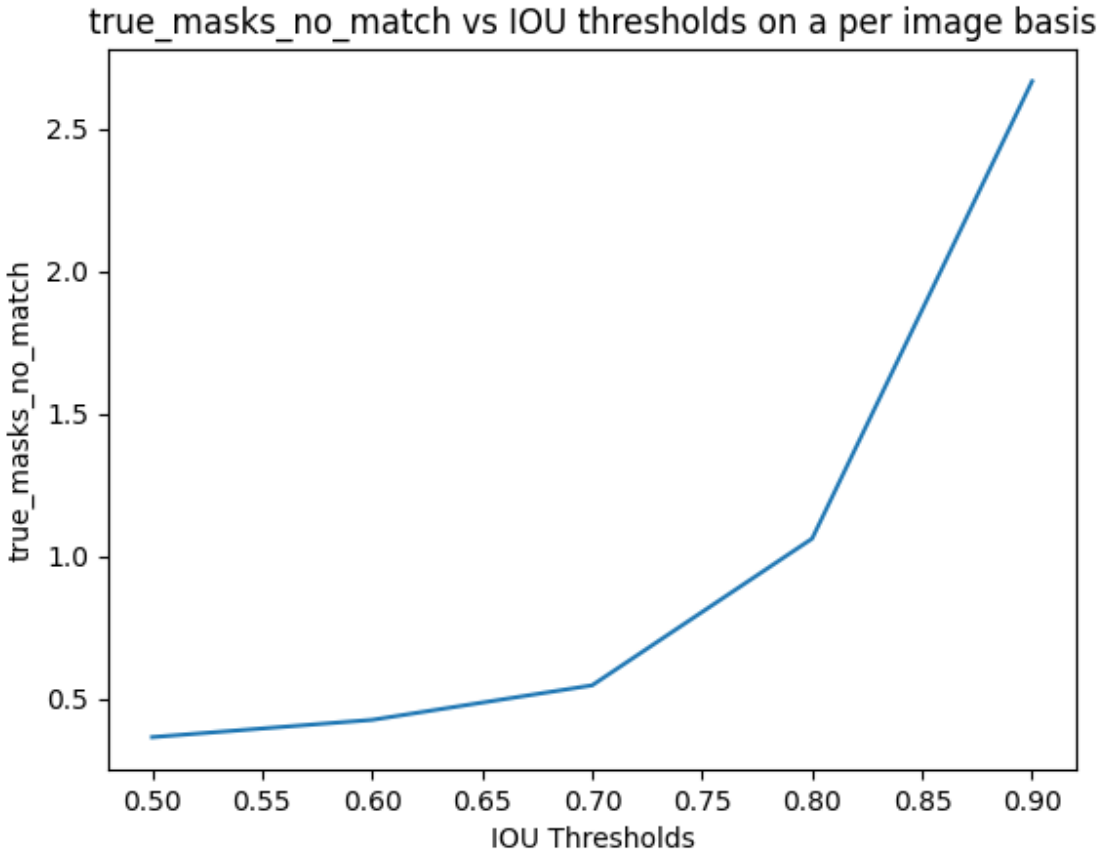

mask_count_mismatch vs IOU thresholds on a per image basis
mask_count_mismatch
0.73
0.72
0.71
0.70
0.69
0.68
0.67
0.66
0.50
0.55
0.60
0.65
0.70
0.75
0.80
0.85
0.90
IOU Thresholds

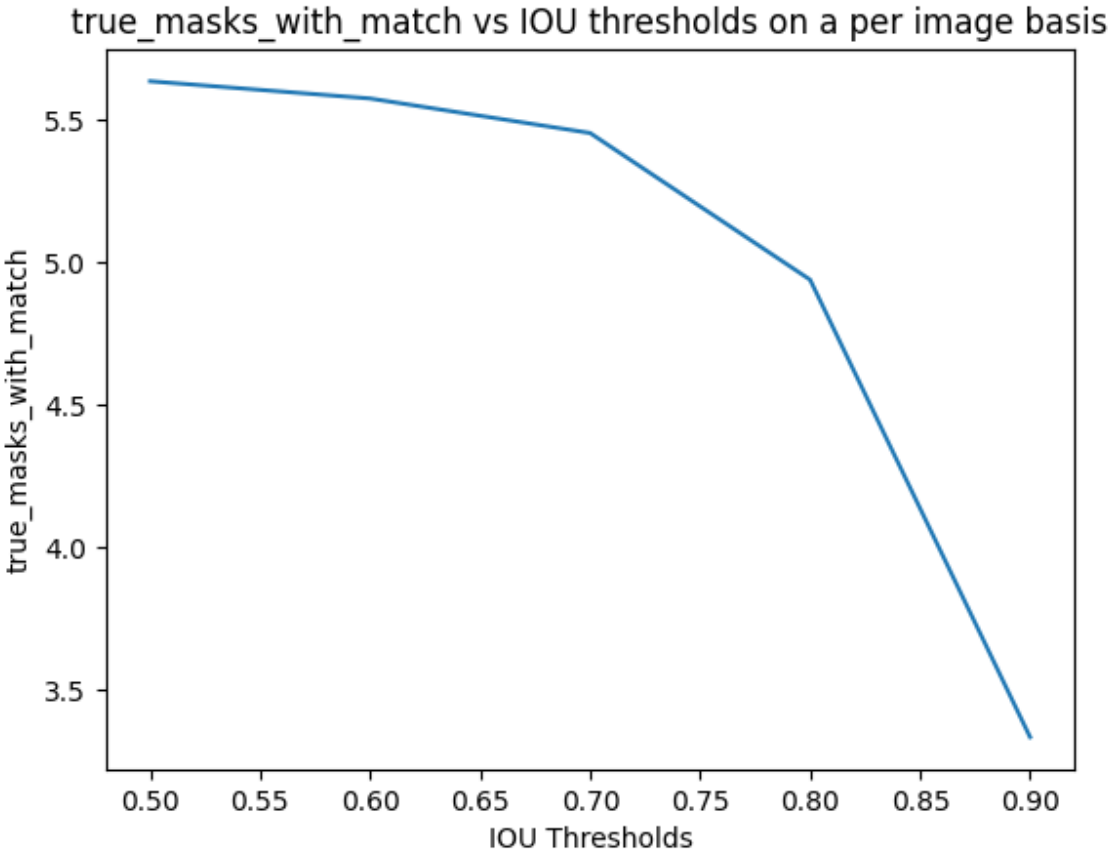

pred_mask_count vs IOU thresholds on a per image basis
pred_mask_count
7.4
7.3
7.2
7.1
7.0
6.9
6.8
0.50
0.55
0.60
0.65
0.70
0.75
0.80
0.85
0.90
IOU Thresholds

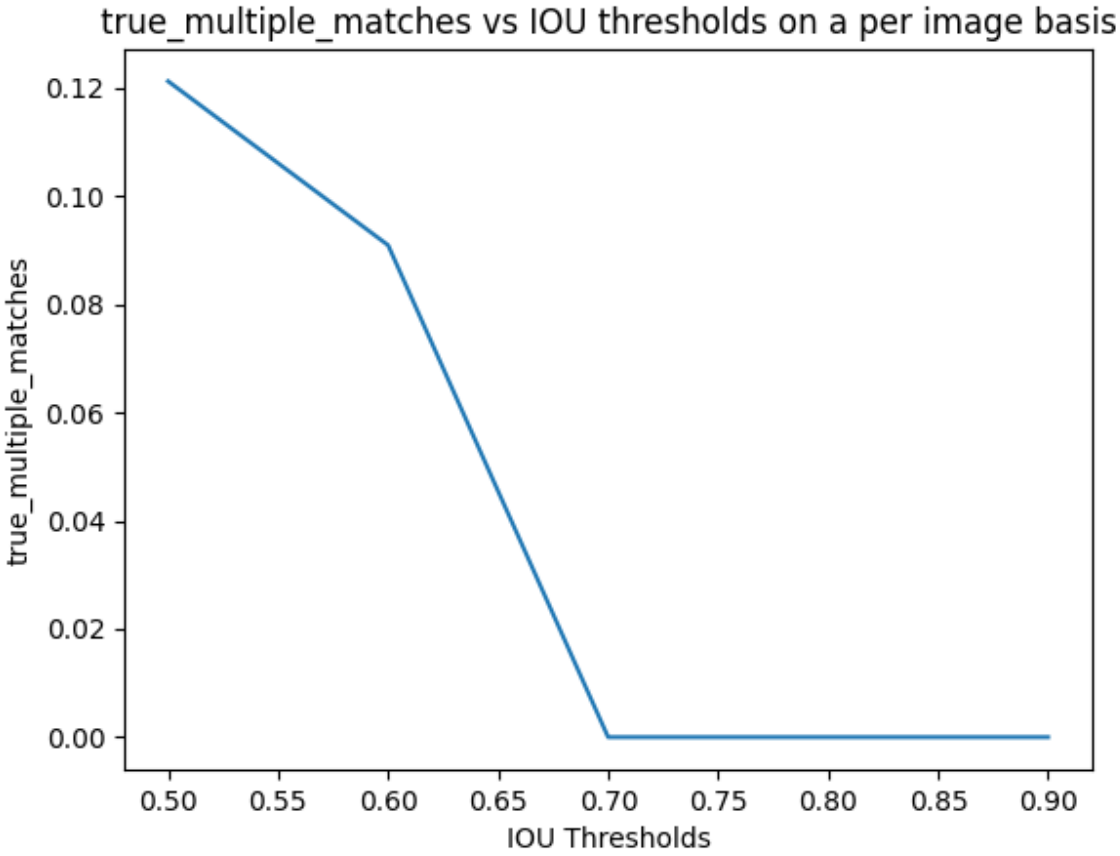

pred_multiple_matches vs IOU thresholds on a per image basis
pred_multiple_matches
0.04
0.02
0.00
−0.02
−0.04
0.50
0.55
0.60
0.65
0.70
0.75
0.80
0.85
0.90
IOU Thresholds


tp_count vs IOU thresholds on a per image basis
tp_count
5.5
5.0
4.5
4.0
3.5
0.50
0.55
0.60
0.65
0.70
0.75
0.80
0.85
0.90
IOU Thresholds

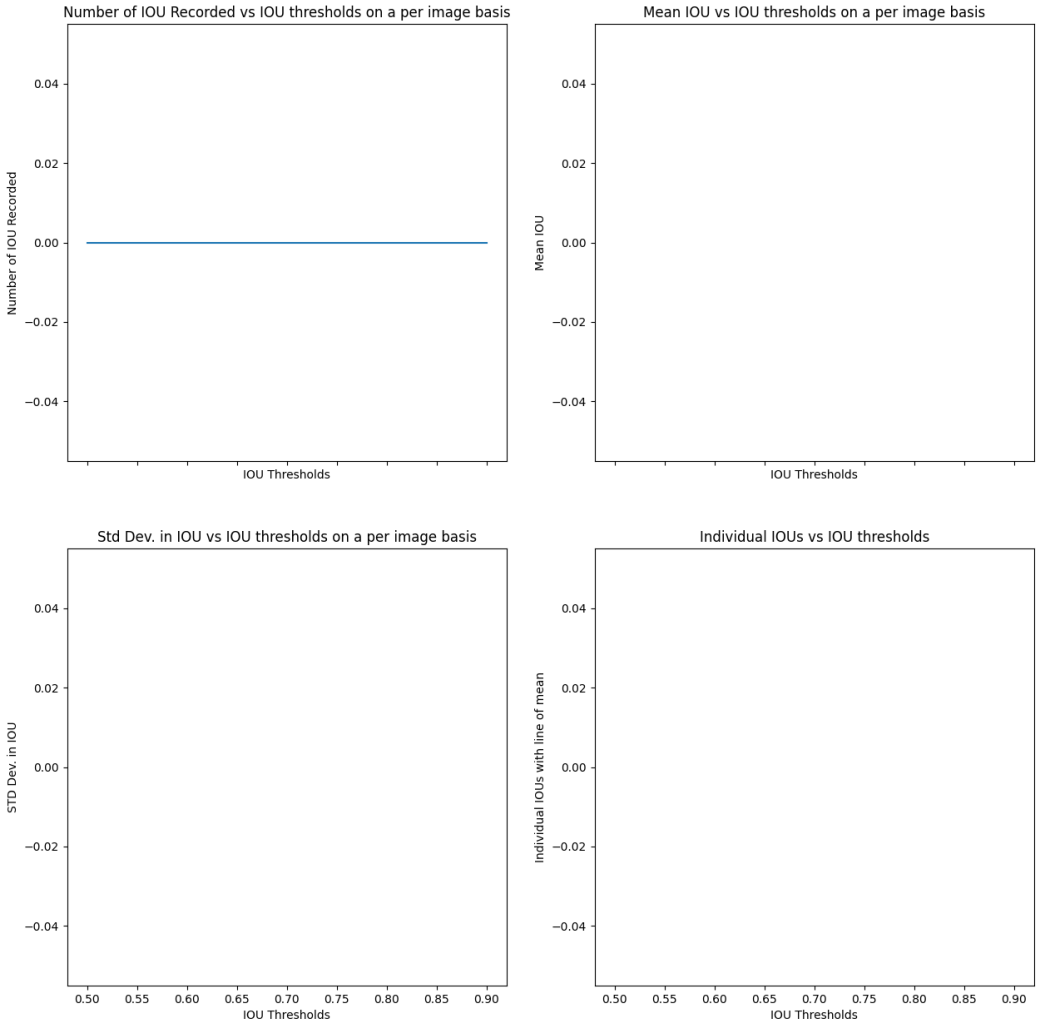

true_mask_count vs IOU thresholds on a per image basis
6.3
6.2
6.1
6.0
5.9
5.8
5.7
true_mask_count
0.50
0.55
0.60
0.65
0.70
0.75
0.80
0.85
0.90
IOU Thresholds


true_masks_no_match vs IOU thresholds on a per image basis
true_masks_no_match
2.5
2.0
1.5
1.0
0.5
0.50
0.55
0.60
0.65
0.70
0.75
0.80
0.85
0.90
IOU Thresholds

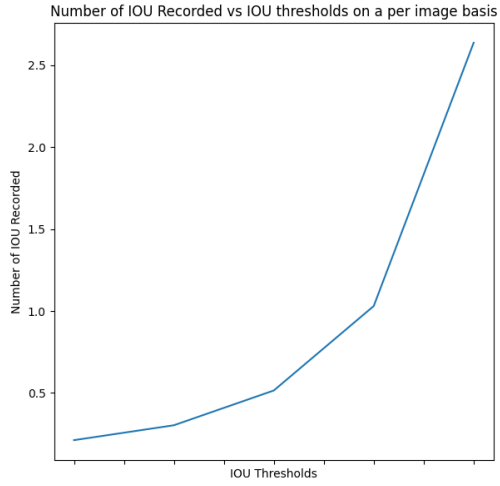

true_masks_with_match vs IOU thresholds on a per image basis
true_masks_with_match
5.5
5.0
4.5
4.0
3.5
0.50
0.55
0.60
0.65
0.70
0.75
0.80
0.85
0.90
IOU Thresholds

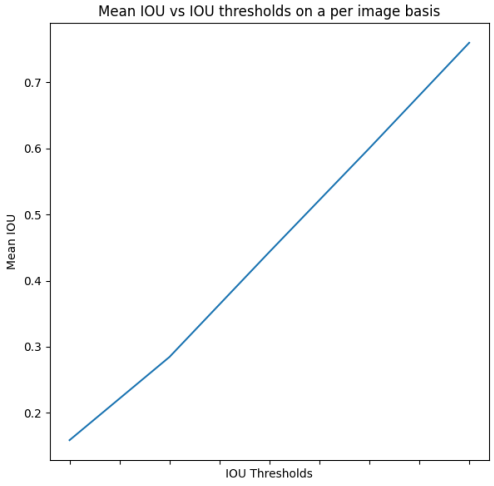

true_multiple_matches vs IOU thresholds on a per image basis
true_multiple_matches
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0.50
0.55
0.60
0.65
0.70
0.75
0.80
0.85
0.90
IOU Thresholds

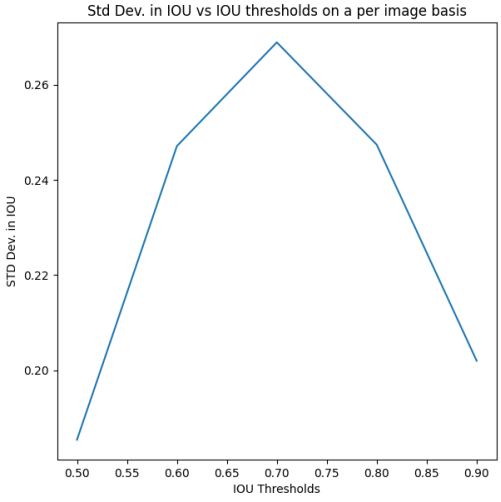
Plots for False Positives where there was a match w.r.t. IOU threshold but the class of the predicted and true masks wasn't the same

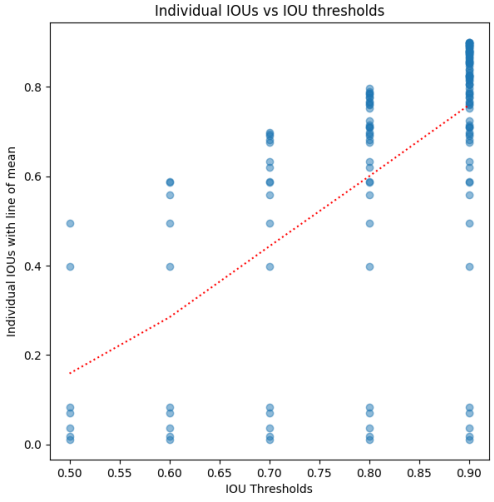


Plots for False Positives where there the IOU was above 0









Plots of the IOUs of the instances where a True Positive was recorded