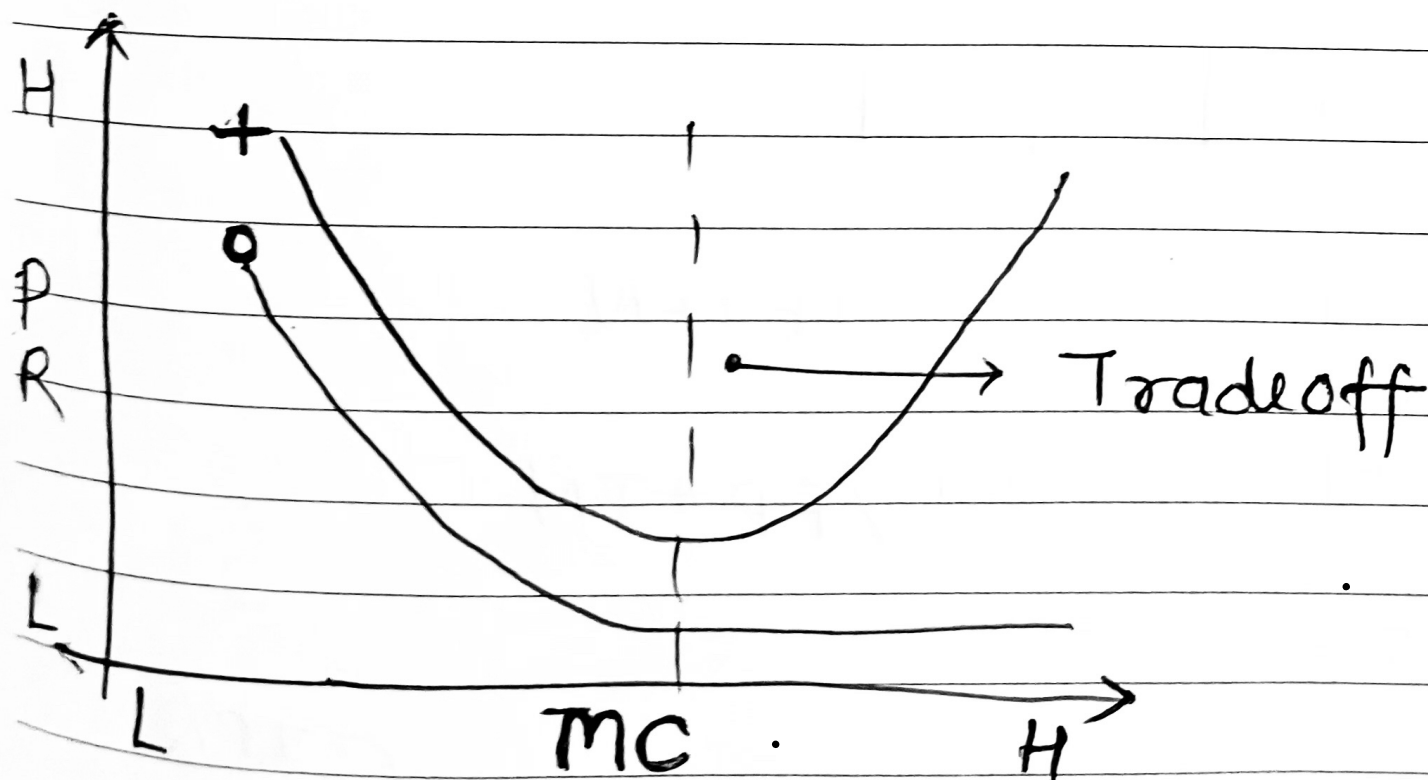
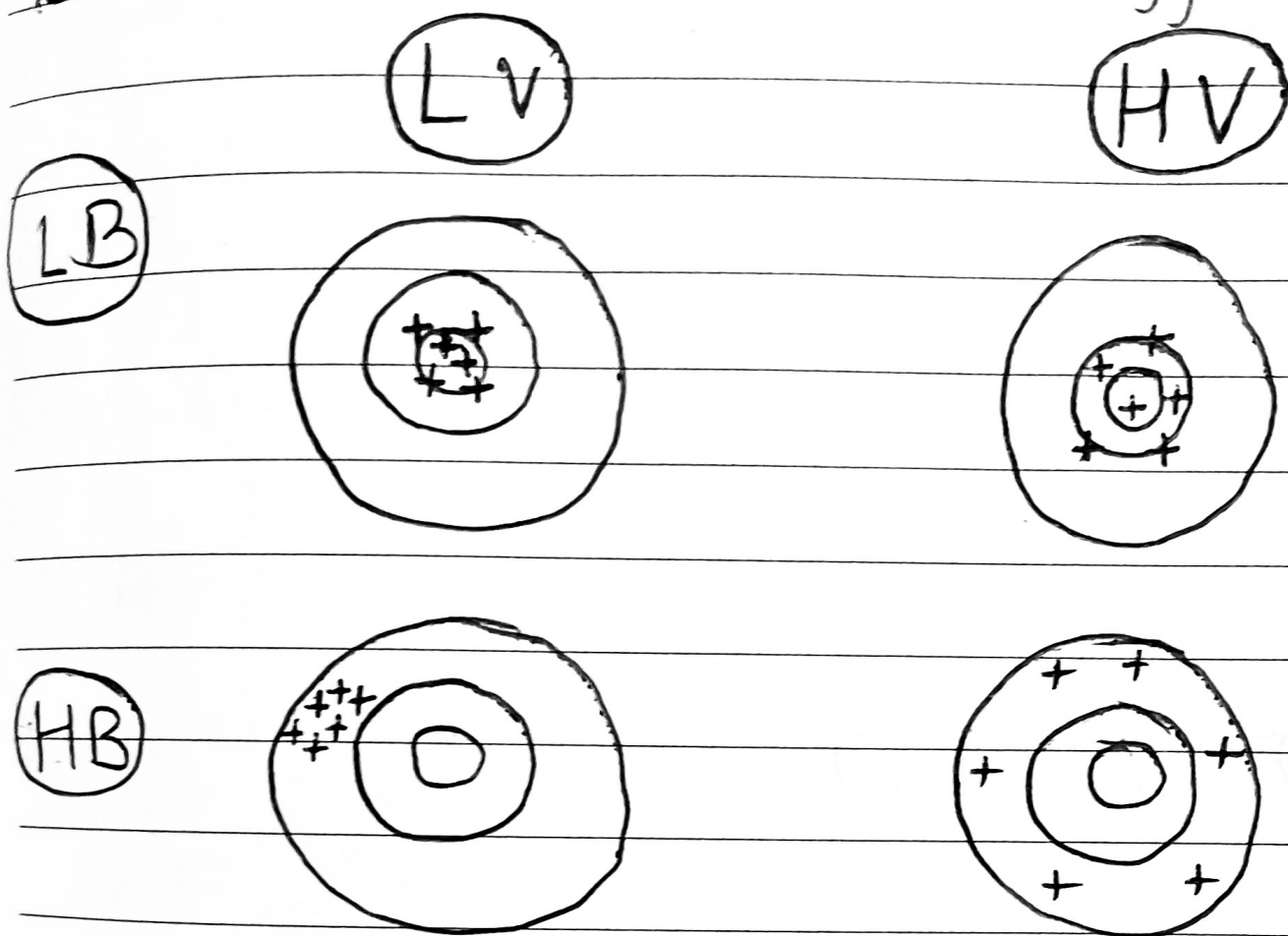
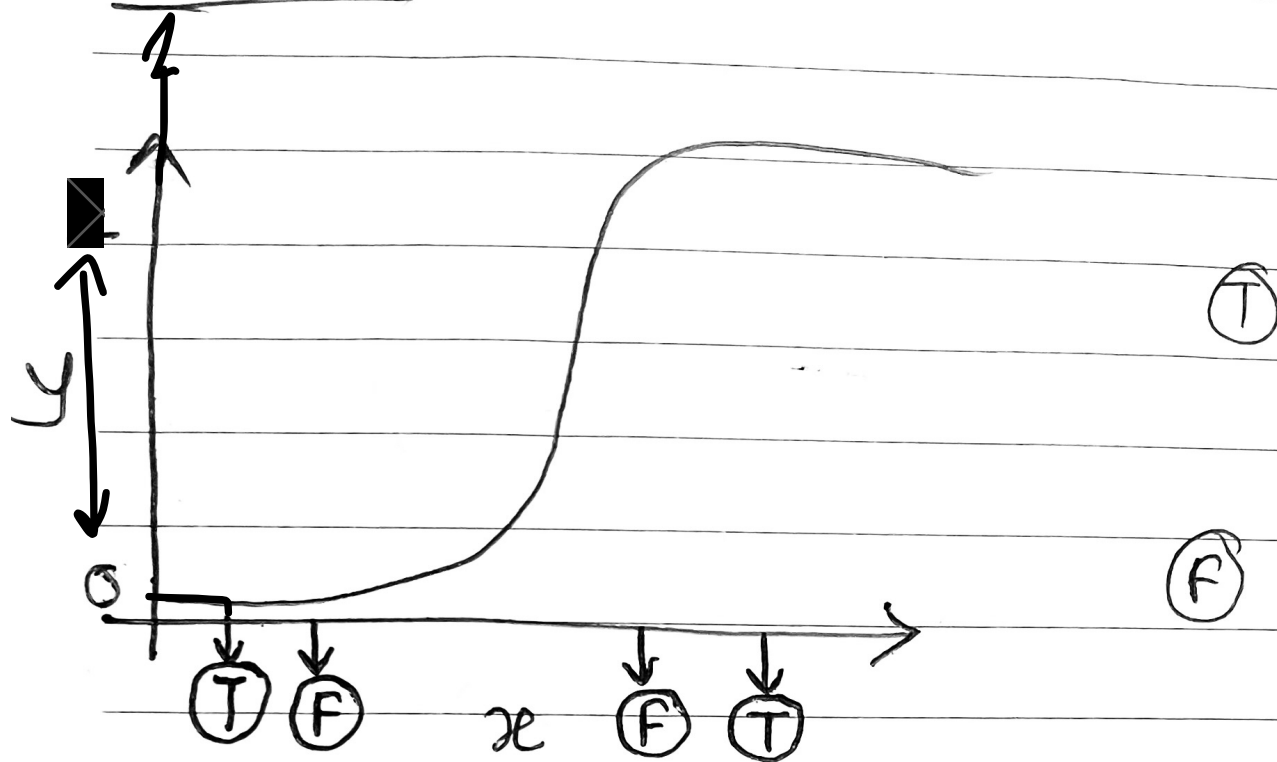


Bias - Variance Tradeoff



ROC



(P)

	T	F	(A)
T	TP	FP	
F	FN	TN	

$$TPR = TP / TP + FN$$

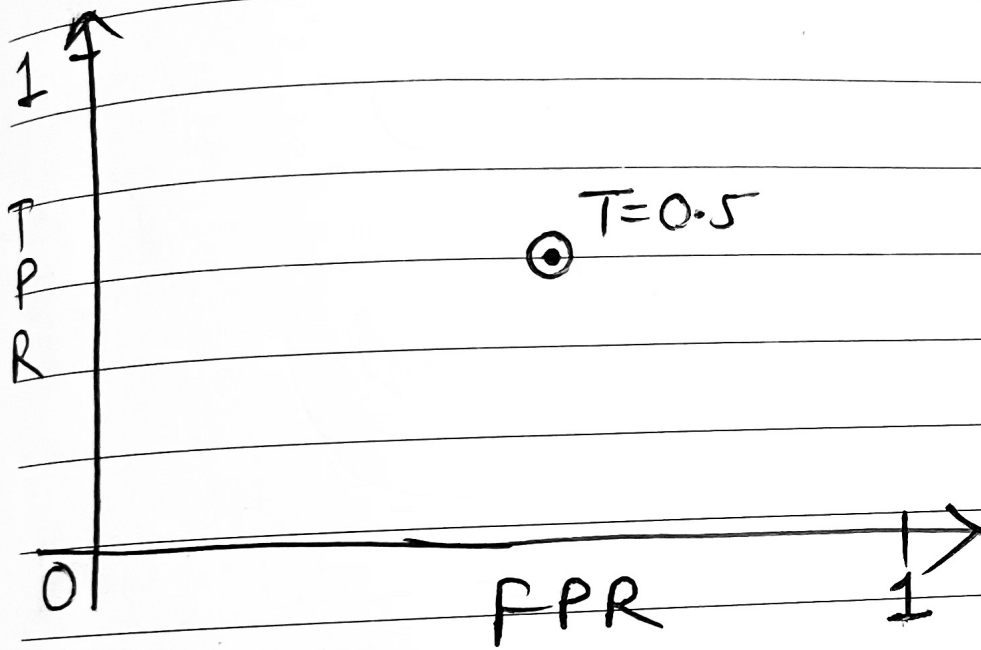
$$FPR = FP / FP + TN$$

at $T = 0.5$.

1 TP	1 FP
1 FN	1 TN

$$1/2 = 0.5 \rightarrow TPR$$

$$1/2 = 0.5 \rightarrow FPR$$



Best or worst Threshold?
plot all 'I' on above plot.

$$AUC = 0$$

