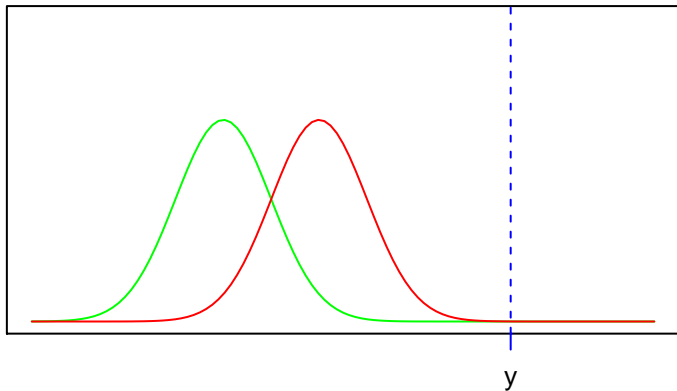


— $P(Y | H_0)$ — $P(Y | H_1)$ - - - y

Both models are 'bad'

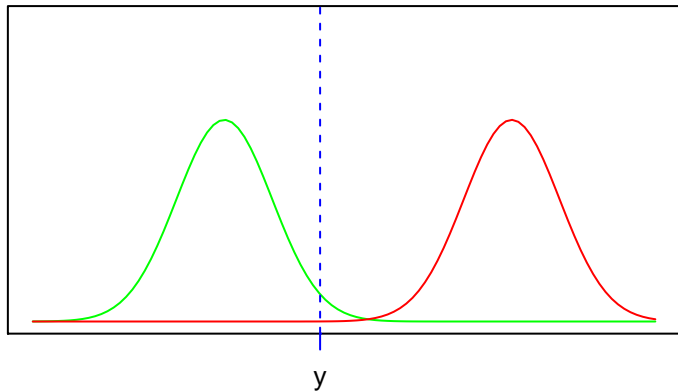
$$P(Y | H_1) \approx P(Y | H_0)$$



Poor H1 can delay detection

The H_0 model is 'better'

$$P(Y | H_1) < P(Y | H_0)$$



Poor H1 can increase Type II error rate