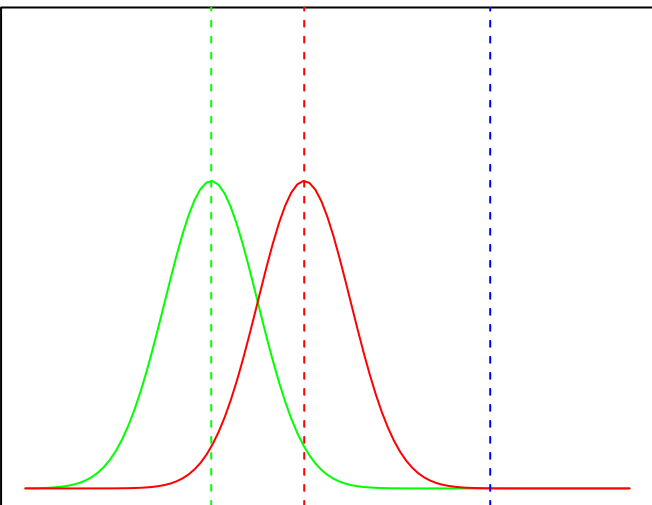


$$LR = P(y \mid RR_1) / P(y \mid RR_0) \approx 1$$

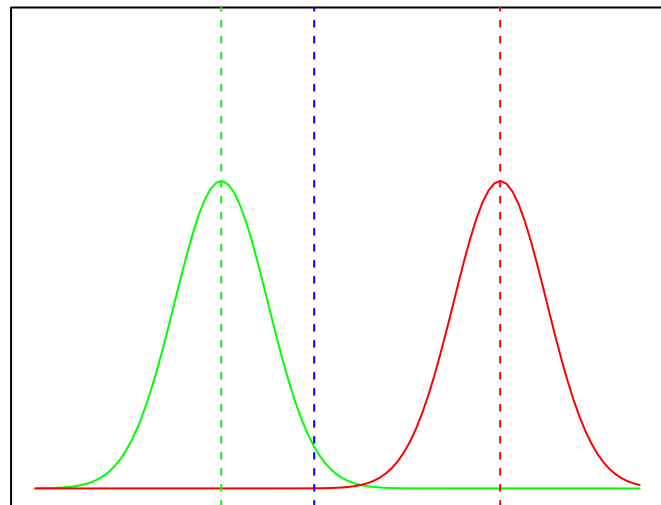


RR_0 RR_1

y

Poor H1 can delay detection

$$LR = P(y \mid RR_1) / P(y \mid RR_0) < 1$$



RR_0

y

RR_1

Poor H1 can increase Type II error rate