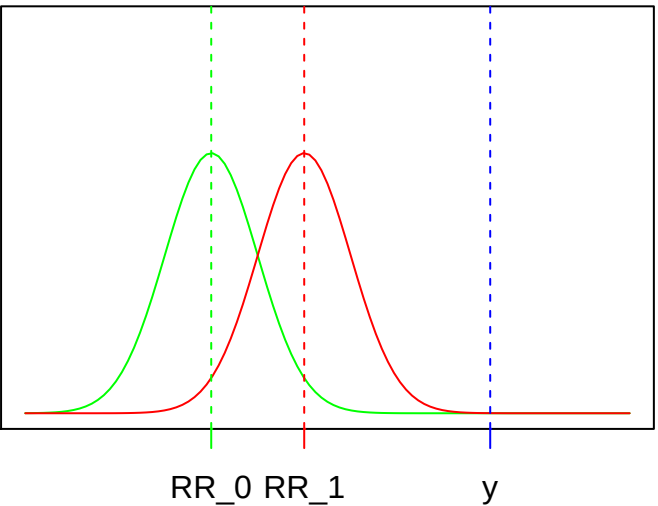
Both models are 'bad'

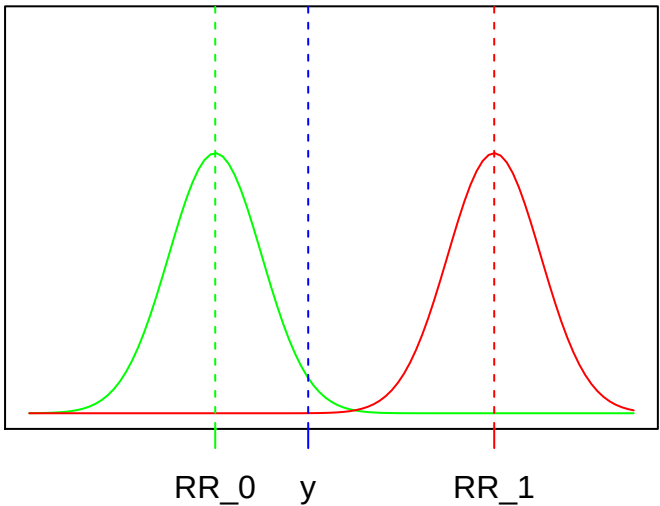
$P(y \mid RR\_1) \approx P(y \mid RR\_0)$



Poor H1 can delay detection

The H0 model is 'better'

$P(y \mid RR\_1) < P(y \mid RR\_0)$



Poor H1 can increase Type II error rate