



$$P(\text{REJECT } H_1 \mid H_0) \approx 1$$



$$P(\text{REJECT } H_2 \mid H_0) \approx 5\%$$

$$P(\text{REJECT } H_0 \mid H_0) = 5\% \quad (\text{C.L. } 95\%)$$

$$P_{H_1} \rightarrow CL_S^{H_1} := \frac{P_{H_1}}{P_{H_0}} = \frac{0.05}{\approx 1} \approx 0.05$$

$$P_{H_2} \rightarrow CL_S^{H_2} = \frac{P_{H_2}}{P_{H_0}} = \frac{0.05}{\approx 0.05} \approx 1$$

NEVER SMALL