Ho $\alpha = 596$ Ha

REJECT Ha

POWER

P(REJECT Ha | Ho) ≈ 1

REJECT H₂
$$P(\text{REJECT } H_2 \mid H_0) \approx 5\%$$

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

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

$$PH_2 \rightarrow CL_S^{H_2} = \frac{PH_2}{PH_6} = \frac{0.05}{\approx 0.05} \approx 1$$

NEVER SMALL