10 measurements / experiment with rates $\lambda_0 = 10.00$, $\lambda_1 = 15.00$ counts / sec $\alpha = 0.001$ $\alpha = 0.001$ 10^{-1} $\beta = 0.064$ $\lambda_{crit} = 3.116$ $P(\lambda|H0)$ $P(\lambda|H1)$ Probability 10₋₅ 10⁻³ **-20** -1020 30 10 $\lambda = \log[\mathcal{L}(H1)/\mathcal{L}(H0)]$