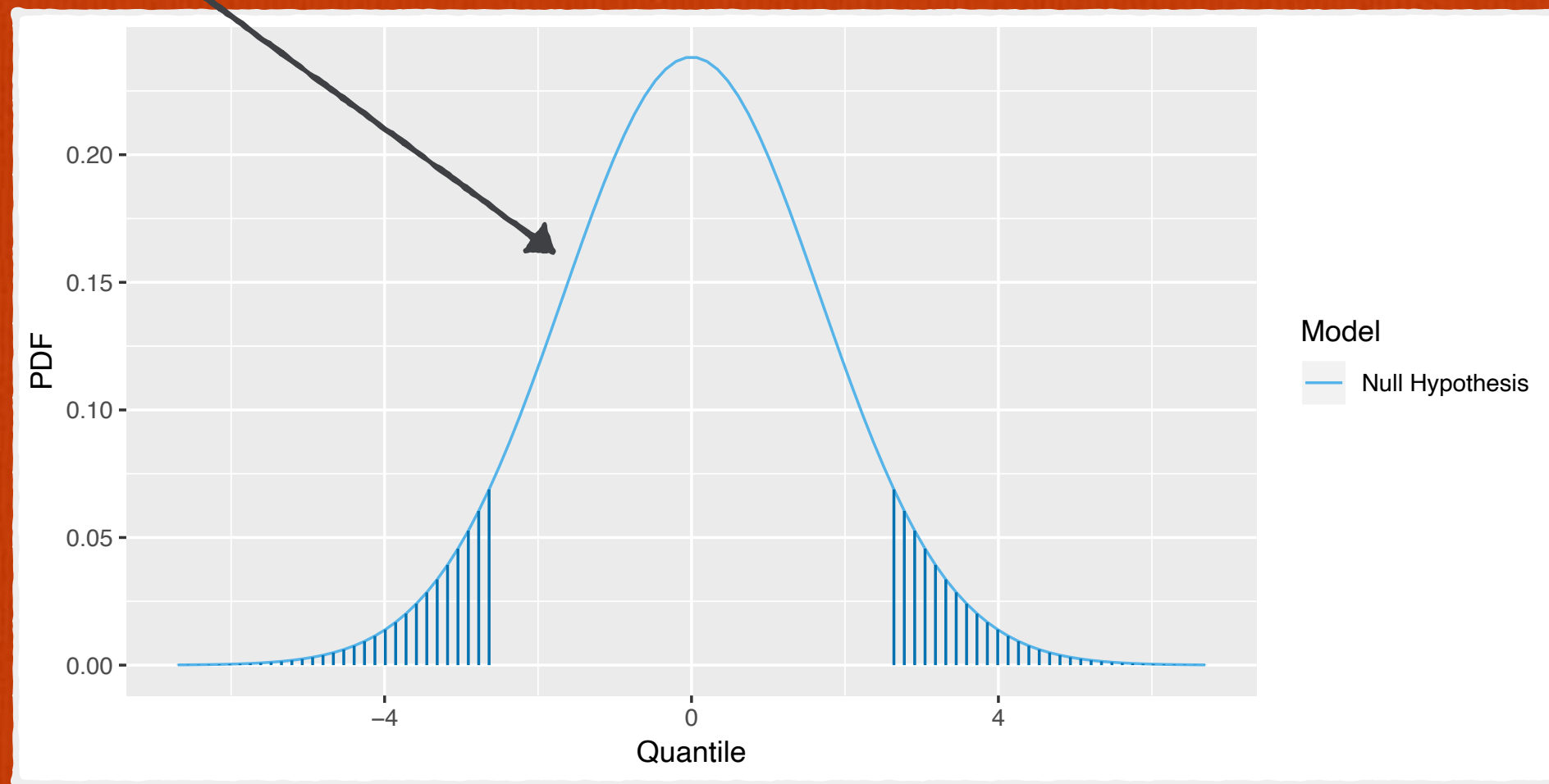


Probability vs Likelihood

Using maximum likelihood estimates from our 'naive' analysis,

$$\hat{\mu} = 2.52, \hat{\sigma}^2 = 2.83$$

$$f(y | \mu_0 = 0, \sigma^2 = \hat{\sigma}^2)$$



Probability vs Likelihood

The null hypothesis asserts that μ is (axiomatically) 0, but σ^2 can take it's maximum likelihood estimate