

**CONJECTURE:**

**H<sub>0</sub>:**

**H<sub>a</sub>:**

Type I error: **Reject H<sub>0</sub>, when it's True.**

Consequence:

Type II error: **Fail to Reject H<sub>0</sub>, when it's False.**

Consequence:

Which error is worse? Why?:

What should the alpha level be set at?

What is the Power of this situation in context?