

# Null Hypothesis Test

# Proof by Contradiction

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□ **Proposition :**

$$\tau_2 \neq \tau_1$$

□ **Proof :**

**Proof is by contraction. Assume  $\tau_2 \neq \tau_1$  is not true, that is,  $\tau_2 = \tau_1 = 0$ .**

**Then ... ?**