

# Objective 21: Welch's ANOVA: Time by Device (Unequal Variances)

## Hypothesis:

$H_0: \mu_{\text{desktop}} = \mu_{\text{mobile}} = \mu_{\text{tablet}}$

## Statistical Test:

Welch's ANOVA

## Visualization:

p-value: 0.4984

## Results:

Metric	Value
p-value	0.498377
F-statistic	0.6966

## Interpretation:

**NOT SIGNIFICANT (p=0.4984):** Insufficient evidence to reject  $H_0$ .