

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 .