

Tests of Between-Subjects Effects

Dependent Variable: Exam_Score

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Corrected Model	39.375 ^a	3	13.125	3.930	.018	.296
Intercept	1485.125	1	1485.125	444.743	.000	.941
Study_Method	3.125	1	3.125	.936	.342	.032
Time_Delay	21.125	1	21.125	6.326	.018	.184
Study_Method * Time_Delay	15.125	1	15.125	4.529	.042	.139
Error	93.500	28	3.339			
Total	1618.000	32				
Corrected Total	132.875	31				

a. R Squared = .296 (Adjusted R Squared = .221)

Source:

Displays the sources of variability in the ANOVA analysis. Only five of the sources are important:

StudyMethod Time_Delay, StudyMethod*Time_Delay, Error, and Corrected Total

Type III Sum of Squares:

Displays the SS for each source of variance

df:

Displays the df for each source of variance

Mean Square:

Displays the MS for each source of variance

F:

Displays the F values for **StudyMethod, Time_Delay** and their **interaction**

Sig.:

Displays the p values for **StudyMethod, Time_Delay**, and their **interaction**.

Reject H_0 if $p \text{ value} < \alpha$

Partial Eta Squared:

Displays the η_p^2 or effect sizes for **StudyMethod, Time_Delay**, and their **interaction**

Pairwise Comparisons:

Displays each simple effect for interpreting the interaction

Pairwise Comparisons

Dependent Variable: Exam_Score

			Mean Difference (I-J)	Std. Error	Sig. ^b	95% Confidence Interval for Difference ^a	
Time_Delay	(I) Study_Method	(J) Study_Method				Lower Bound	Upper Bound
5 minutes	Re-reading	Recalling	.750	.914	.419	-1.122	2.622
	Recalling	Re-reading	-.750	.914	.419	-2.622	1.122
2 days	Re-reading	Recalling	-2.000 ^a	.914	.037	-3.872	-.128
	Recalling	Re-reading	2.000 ^a	.914	.037	.128	3.872

Based on estimated marginal means

^a. The mean difference is significant at the .05 level.

^b. Adjustment for multiple comparisons: Bonferroni.

Mean Difference:

Displays the mean difference for each simple effect

Std. Error:

Displays the standard error for each simple effect

Sig.:

Displays the p values for each simple effect

95% CI: This

confidence interval uses a Bonferroni correction. **Do not use this CI.**