

# Two Way ANOVA Report

Outcome: G3

Factor A: studytime

Factor B: school

Model: G3 ~ studytime \* school

Main effects and interaction:

effect	raw_effect	df	sum_sq	mean_sq	f_statistic	p_value	partial_eta_squared
studytime	studytime	3	465.077825	155.025942	16.9418754	1.337441e-10	NA
school	school	1	422.762615	422.762615	46.2012454	2.444779e-11	NA
studytime x school	studytime:school	3	9.981718	3.327239	0.3636145	7.793037e-01	NA
Residuals	Residuals	641	5865.444406	9.150459	NA	NA	NA

decision\_alpha\_0\_05

Reject H0

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Fail to reject H0

Fail to reject H0