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EDG500
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Group Statistics

	Experimental & Conrol Groups	N	Mean	Std. Deviation	Std. Error Mean
AttitudeTowardDrinking & Driving	experimental group	7	10.5714	1.61835	.61168
	control group	5	13.8000	2.28035	1.01980

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
AttitudeToward Drinking & Driving	Equal variances assumed	.071	.795	-2.886	10
	Equal variances not assumed			-2.715	6.808

Independent Samples Effect Sizes

		Standardizer^a	Point Estimate	95% Confidence Interval	
				Lower	Upper
AttitudeTowardDrinking & Driving	Cohen's d	1.91087	-1.690	-3.020	-.300
	Hedges' correction	2.07085	-1.559	-2.787	-.277
	Glass's delta	2.28035	-1.416	-2.856	.118

a. The denominator used in estimating the effect sizes.
Cohen's d uses the pooled standard deviation.
Hedges' correction uses the pooled standard deviation, plus a correction factor.
Glass's delta uses the sample standard deviation of the control group.

Group Statistics

	Experimental & Control Groups	N	Mean	Std. Deviation	Std. Error Mean
Calculus final examination scores	experimental group	5	30.6000	4.87852	2.18174
	ontrol group	5	30.8000	3.56371	1.59374

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	Df
Calculus final examination scores	Equal variances assumed	.675	.435	-.074	8
	Equal variances not assumed			-.074	7.323

Independent Samples Effect Sizes

		Standardizeᵣᵃ	Point Estimate	95% Confidence Interval Lower	Upper
Calculus final examination scores	Cohen's d	4.27200	-.047	-1.285	1.194
	Hedges' correction	4.73245	-.042	-1.160	1.078
	Glass's delta	3.56371	-.056	-1.293	1.187

a. The denominator used in estimating the effect sizes.
Cohen's d uses the pooled standard deviation.
Hedges' correction uses the pooled standard deviation, plus a correction factor.
Glass's delta uses the sample standard deviation of the control group.

A. The mean for the experimental group is 30.60.

B. The mean for the control group is 30.80.

C. The value of t is -.074

D. The sig (.435) is greater than .05

E. Because the .435 is greater than .05 it is appropriate to assume equality of variances.

F. The experimental group scored slightly lower on the calculus final exams (m= 30.60, sd= 4.87), than the control group (m= 30.80, sd= 3.56). The difference between the two means is statically significant at the .05 level (t= -.074, df= 8).