T-Test

[DataSet2]

Group Statistics

	GROUPS	N	Mean	Std. Deviation	Std. Error Mean
ACCURACY	PCA	5	99.1060	.25235	.11285
	R_152V2	5	97.2700	1.43073	.63984

Independent Samples Test

	•	•			
		Levene's Test for Equality of Variances		t-test for Equality of Means	
		F	Sig.	t	df
ACCURACY	Equal variances assumed	8.482	.020	2.826	8
	Equal variances not assumed			2.826	4.249

Independent Samples Test

t-test for Equality of Means

		Significance		
		One-Sided p	Two-Sided p	Mean Difference
ACCURACY	Equal variances assumed	.011	.022	1.83600
	Equal variances not assumed	.022	.044	1.83600

Independent Samples Test

t-test for Equality of Means

			95% Confidence Interval of the Difference		
		Difference	Lower	Upper	
ACCURACY	Equal variances assumed	.64972	.33774	3.33426	
	Equal variances not assumed	.64972	.07297	3.59903	

Independent Samples Effect Sizes

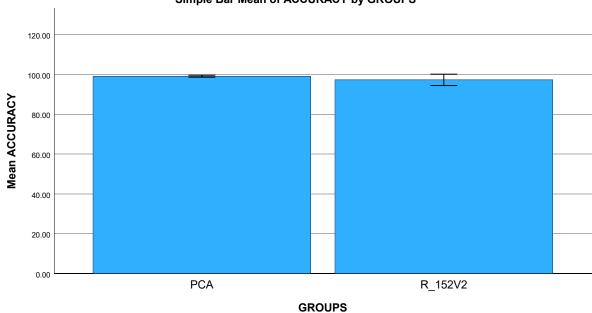
				95% Confidence Interval	
		Standardizer ^a	Point Estimate	Lower	Upper
ACCURACY	Cohen's d	1.02730	1.787	.242	3.260
	Hedges' correction	1.13802	1.613	.218	2.943
	Glass's delta	1.43073	1.283	274	2.741

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 (i.e., the second) group.

GGraph

Simple Bar Mean of ACCURACY by GROUPS



Error Bars: +/- 2 SD