The GLM Procedure

Class Level Information		
Class	Levels	Values
Class_test_taken	2	New Test - Class a Old Test - Class b

Number of Observations Read	40
Number of Observations Used	40

The GLM Procedure

Dependent Variable: TestScore   Test Score

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	55.225000	55.225000	0.56	0.4590
Error	38	3749.750000	98.677632		
Corrected Total	39	3804.975000			

R-Square	Coeff Var	Root MSE	TestScore Mean
0.014514	11.65581	9.933662	85.22500

Source	DF	Type I SS	Mean Square	F Value	Pr > F
Class_test_taken	1	55.22500000	55.22500000	0.56	0.4590

Dependent Variable: TestScore   Test Score

Source	DF	Type III SS	Mean Square	F Value	Pr > F
Class_test_taken	1	55.22500000	55.22500000	0.56	0.4590

The GLM Procedure

Dependent Variable: TestScore   Test Score

Distribution of TestScore

F	0.56
Prob > F	0.4590

New Test - Class a   Old Test - Class b

The GLM Procedure

Levene's Test for Homogeneity of TestScore Variance ANOVA of Absolute Deviations from Group Means					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Class_test_taken	1	6.6423	6.6423	0.25	0.6216
Error	38	1019.0	26.8147		

The GLM Procedure

Distribution of TestScore

The GLM Procedure

Level of Class_test_taken	N	TestScore	
		Mean	Std Dev
New Test - Class a	20	86.4000000	10.4951116
Old Test - Class b	20	84.0500000	9.3385167

The TTEST Procedure

Variable: TestScore (Test Score)

Class_test_taken	Method	N	Mean	Std Dev	Std Err	Minimum	Maximum
New Test - Class a		20	86.4000	10.4951	2.3468	67.0000	100.0
Old Test - Class b		20	84.0500	9.3385	2.0882	65.0000	98.0000
Diff (1-2)	Pooled		2.3500	9.9337	3.1413		
Diff (1-2)	Satterthwaite		2.3500		3.1413		

Class_test_taken	Method	Mean	95% CL Mean		Std Dev	95% CL Std Dev	
New Test - Class a		86.4000	81.4881	91.3119	10.4951	7.9814	15.3289
Old Test - Class b		84.0500	79.6794	88.4206	9.3385	7.1019	13.6396
Diff (1-2)	Pooled	2.3500	-4.0092	8.7092	9.9337	8.1182	12.8023
Diff (1-2)	Satterthwaite	2.3500	-4.0121	8.7121			

The TTEST Procedure

Variable: TestScore (Test Score)

Method	Variances	DF	t Value	Pr > |t|
Pooled	Equal	38	0.75	0.4590
Satterthwaite	Unequal	37.493	0.75	0.4591

Equality of Variances				
Method	Num DF	Den DF	F Value	Pr > F
Folded F	19	19	1.26	0.6158

Variable: TestScore (Test Score)

Distribution of TestScore