

Univariate Analysis of Variance

Between-Subjects Factors

		N
TUTOR	BC	26
	FC	26

Descriptive Statistics

Dependent Variable: PROOF2

TUTOR	Mean	Std. Deviation	N
BC	1.00	.938	26
FC	1.81	1.132	26
Total	1.40	1.107	52

Tests of Between-Subjects Effects

Dependent Variable: PROOF2

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	31.155 ^a	7	4.451	6.244	.000
Intercept	36.285	1	36.285	50.904	.000
TUTOR	8.445	1	8.445	11.847	.001
PROOF1	5.867	1	5.867	8.230	.006
ITEM201	4.817	1	4.817	6.758	.013
TUTOR * PROOF1	2.821	1	2.821	3.957	.053
TUTOR * ITEM201	2.381	1	2.381	3.340	.074
PROOF1 * ITEM201	2.042	1	2.042	2.865	.098
TUTOR * PROOF1 * ITEM201	2.390	1	2.390	3.353	.074
Error	31.364	44	.713		
Total	165.000	52			
Corrected Total	62.519	51			

a. R Squared = .498 (Adjusted R Squared = .419)

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Descriptive Statistics

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TUTOR	Mean	Std. Deviation	N
BC	1.00	.938	26
FC	1.81	1.132	26
Total	1.40	1.107	52

Tests of Between-Subjects Effects

Dependent Variable: PROOF2

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	28.766 ^a	6	4.794	6.392	.000
Intercept	35.990	1	35.990	47.982	.000
TUTOR	6.512	1	6.512	8.682	.005
PROOF1	3.631	1	3.631	4.840	.033
ITEM201	5.119	1	5.119	6.825	.012
TUTOR * PROOF1	.434	1	.434	.579	.451
TUTOR * ITEM201	1.004	1	1.004	1.338	.253
PROOF1 * ITEM201	.215	1	.215	.287	.595
Error	33.753	45	.750		
Total	165.000	52			
Corrected Total	62.519	51			

a. R Squared = .460 (Adjusted R Squared = .388)

ANCOVA: Proo1 and Item2 as covariates (ITEM201: A = 0, B = 1)

Between-Subjects Factors

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TUTOR BC	26
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Descriptive Statistics

Dependent Variable: PROOF2

TUTOR	Mean	Std. Deviation	N
BC	1.00	.938	26
FC	1.81	1.132	26
Total	1.40	1.107	52

Tests of Between-Subjects Effects

Dependent Variable: PROOF2

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Corrected Model	25.362 ^b	3	8.454	10.921	.000	.406
Intercept	47.361	1	47.361	61.181	.000	.560
PROOF1	12.554	1	12.554	16.217	.000	.253
ITEM201	10.218	1	10.218	13.200	.001	.216
TUTOR	5.699	1	5.699	7.362	.009	.133
Error	37.158	48	.774			
Total	165.000	52				
Corrected Total	62.519	51				

Tests of Between-Subjects Effects

Dependent Variable: PROOF2

Source	Noncent. Parameter	Observed Power ^a
Corrected Model	32.762	.998
Intercept	61.181	1.000
PROOF1	16.217	.976
ITEM201	13.200	.945
TUTOR	7.362	.758
Error		
Total		
Corrected Total		

a. Computed using alpha = .05

b. R Squared = .406 (Adjusted R Squared = .369)

Parameter Estimates

Dependent Variable: PROOF2

Parameter	B	Std. Error	t	Sig.	95% Confidence Interval		Partial Eta Squared
					Lower Bound	Upper Bound	
Intercept	1.772	.226	7.835	.000	1.317	2.227	.561
PROOF1	.602	.150	4.027	.000	.302	.903	.253
ITEM201	-.948	.261	-3.633	.001	-1.472	-.423	.216
[TUTOR=BC]	-.669	.246	-2.713	.009	-1.164	-.173	.133
[TUTOR=FC]	0 ^b

Parameter Estimates

Dependent Variable: PROOF2

Parameter	Noncent. Parameter	Observed Power ^a
Intercept	7.835	1.000
PROOF1	4.027	.976
ITEM201	3.633	.945
[TUTOR=BC]	2.713	.758
[TUTOR=FC]	.	.

a. Computed using alpha = .05

b. This parameter is set to zero because it is redundant.

Estimated Marginal Means

TUTOR

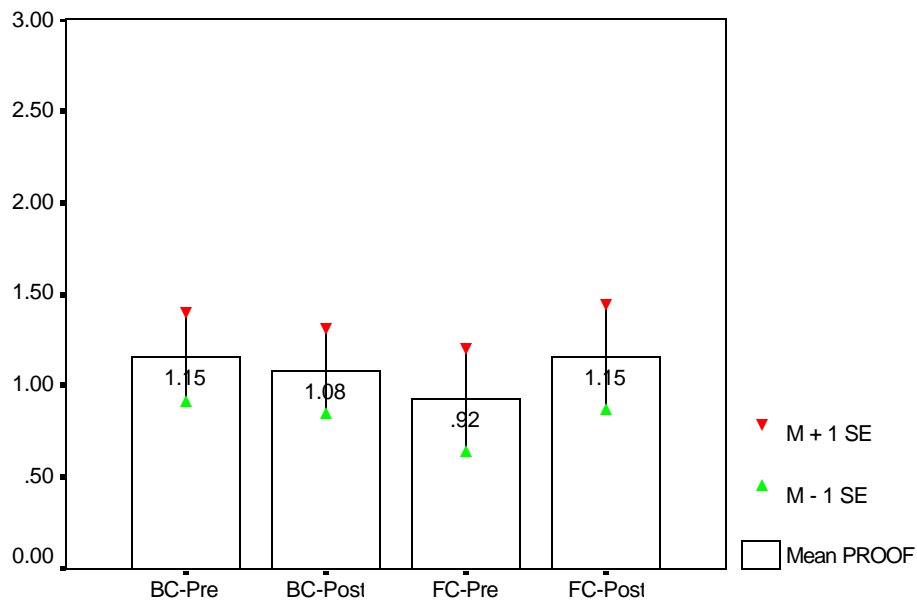
Dependent Variable: PROOF2

TUTOR	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
BC	1.069 ^a	.173	.721	1.418
FC	1.738 ^a	.173	1.390	2.087

a. Covariates appearing in the model are evaluated at the following values: PROOF1 = .73, ITEM201 = .50.

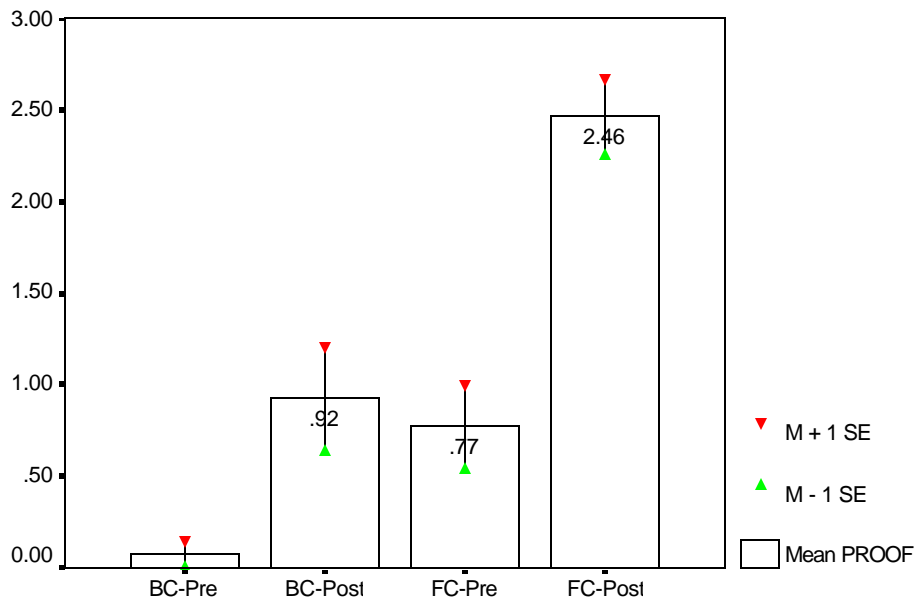
Graph

ORDER: AB



Tutor-Test

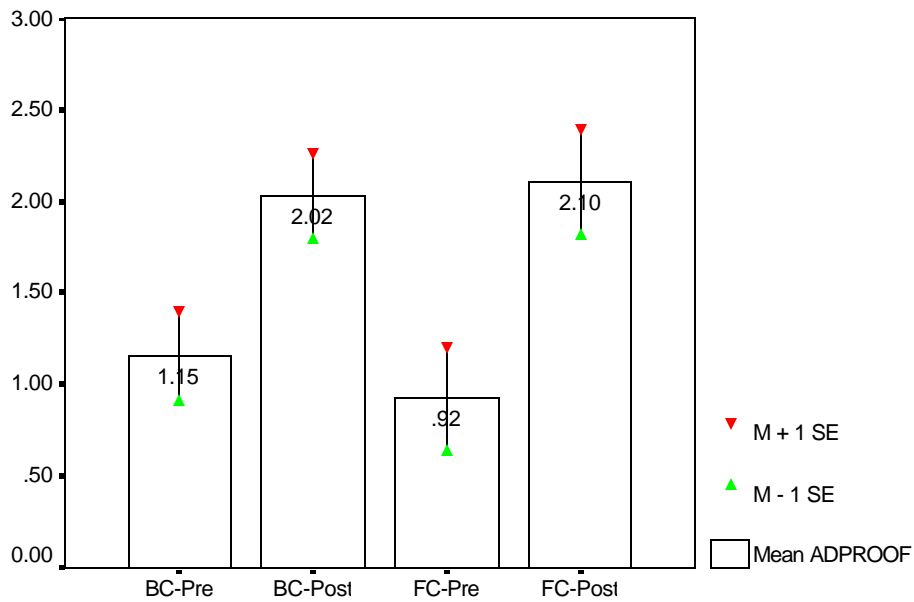
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Tutor-Test

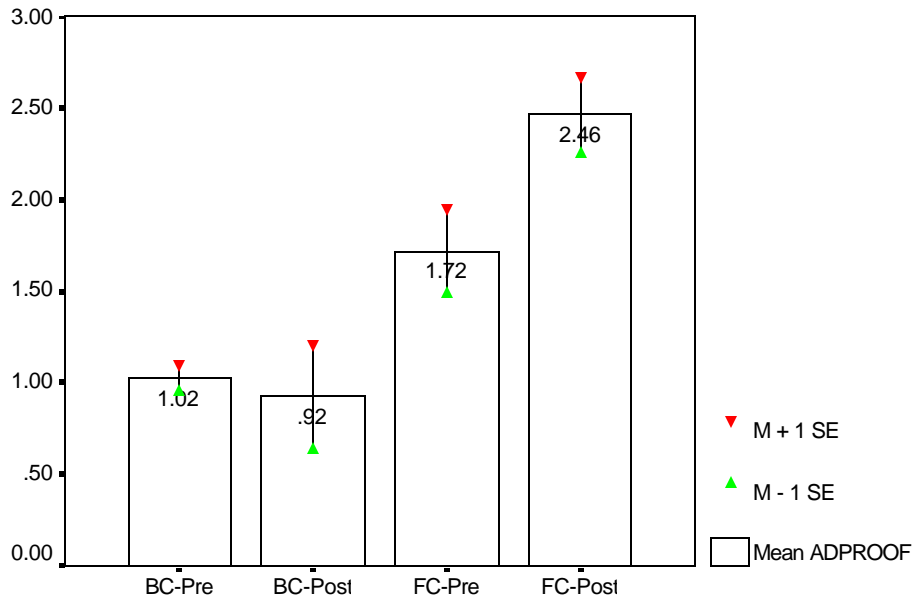
Graph: Test-B adjusted by 0.948

ORDER: AB



Tutor-Test

ORDER: BA



Tutor-Test