

Regression**Variables Entered/Removed^a**

Model	Variables Entered	Variables Removed	Method
1	x ^b	.	Enter
2	z4, z1, z2, z3 ^b	.	Enter
3	xz1, xz4, xz2, xz3 ^b	.	Enter

a. Dependent Variable: y

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Change Statistics				
					R Square Change	F Change	df1	df2	Sig. F Change
1	.714 ^a	.510	.492	3.061	.510	29.132	1	28	.000
2	.883 ^b	.780	.734	2.216	.270	7.348	4	24	.001
3	.907 ^c	.823	.743	2.179	.043	1.207	4	20	.339

a. Predictors: (Constant), x

b. Predictors: (Constant), x, z4, z1, z2, z3

c. Predictors: (Constant), x, z4, z1, z2, z3, xz1, xz4, xz2, xz3

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	272.901	1	272.901	29.132	.000 ^b
	Residual	262.299	28	9.368		
	Total	535.200	29			
2	Regression	417.292	5	83.458	16.988	.000 ^c
	Residual	117.908	24	4.913		
	Total	535.200	29			
3	Regression	440.227	9	48.914	10.301	.000 ^d
	Residual	94.973	20	4.749		
	Total	535.200	29			

a. Dependent Variable: y

b. Predictors: (Constant), x

c. Predictors: (Constant), x, z4, z1, z2, z3

d. Predictors: (Constant), x, z4, z1, z2, z3, xz1, xz4, xz2, xz3

Coefficients^a

Model		Unstandardized Coefficients		Standardized	t	Sig.
		B	Std. Error	Coefficients		
				Beta		
1	(Constant)	13.646	2.790		4.891	.000
	x	.611	.113	.714	5.397	.000
2	(Constant)	7.400	2.374		3.118	.005
	x	.738	.085	.863	8.628	.000
	z1	4.467	1.300	.423	3.437	.002
	z2	1.869	1.280	.177	1.460	.157
	z3	6.705	1.318	.635	5.089	.000
	z4	2.825	1.281	.268	2.205	.037
3	(Constant)	-4.134	6.051		-.683	.502
	x	1.187	.233	1.388	5.091	.000
	z1	17.658	6.727	1.672	2.625	.016
	z2	15.052	9.827	1.425	1.532	.141
	z3	13.253	10.931	1.255	1.212	.239
	z4	16.940	7.305	1.604	2.319	.031
	xz1	-.521	.263	-1.205	-1.982	.061
	xz2	-.515	.384	-1.237	-1.339	.195
	xz3	-.223	.473	-.467	-.471	.643
	xz4	-.553	.283	-1.348	-1.955	.065

a. Dependent Variable: y

Descriptives

y

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
1	6	28.83	5.636	2.301	22.92	34.75	19	34
2	6	27.83	2.401	.980	25.31	30.35	24	30
3	6	30.33	2.422	.989	27.79	32.88	27	33
4	6	28.67	4.179	1.706	24.28	33.05	22	33
5	6	26.33	5.989	2.445	20.05	32.62	17	33
Total	30	28.40	4.296	.784	26.80	30.00	17	34

x

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
1	6	23.00	8.000	3.266	14.60	31.40	8	29
2	6	25.17	3.189	1.302	21.82	28.51	20	29
3	6	22.00	2.366	.966	19.52	24.48	18	25
4	6	25.00	6.099	2.490	18.60	31.40	17	32

5	6	25.67	4.179	1.706	21.28	30.05	19	29
Total	30	24.17	5.025	.917	22.29	26.04	8	32