

GRESSION

Descriptive Statistics

	Mean	Std. Deviation	N
yyy	51.29	3.247	31
xxx	49.81	4.347	31

Correlations

		yyy	xxx
Pearson Correlation	yyy	1.000	.734
	xxx	.734	1.000
Sig. (1-tailed)	yyy		.000
	xxx	.000	
N	yyy	31	31
	xxx	31	31

Variables Entered/Removed^b

Model	Variables Entered	Variables Removed	Method
1	xxx ^a		Enter

a. All requested variables entered.

b. Dependent Variable: yyy

Model Summary^b

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	.734 ^a	.538	.523	2.244	.538	33.828	1	29	.000

a. Predictors: (Constant), xxx

b. Dependent Variable: yyy

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	170.349	1	170.349	33.828	.000 ^a
	Residual	146.038	29	5.036		
	Total	316.387	30			

a. Predictors: (Constant), xxx

b. Dependent Variable: yyy

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	23.986	4.712		5.091	.000
	xxx	.548	.094	.734	5.816	.000

a. Dependent Variable: yyy

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	48.11	56.88	51.29	2.383	31
Residual	-3.300	4.248	.000	2.206	31
Std. Predicted Value	-1.336	2.345	.000	1.000	31
Std. Residual	-1.471	1.893	.000	.983	31

a. Dependent Variable: yyy

Correlations

Correlations

		x1	x2	x3	xx1
x1	Pearson Correlation	1	.375*	.550**	.732**
	Sig. (2-tailed)		.038	.001	.000
	N	31	31	31	31
x2	Pearson Correlation	.375*	1	.316	.789**
	Sig. (2-tailed)	.038		.083	.000
	N	31	31	31	31
x3	Pearson Correlation	.550**	.316	1	.795**
	Sig. (2-tailed)	.001	.083		.000
	N	31	31	31	31
xx1	Pearson Correlation	.732**	.789**	.795**	1
	Sig. (2-tailed)	.000	.000	.000	
	N	31	31	31	31

*. Correlation is significant at the 0.05 level (2-tailed).

**. Correlation is significant at the 0.01 level (2-tailed).

Correlations

Correlations

		x4	x5	x6	xx2
x4	Pearson Correlation	1	.229	.372*	.745**
	Sig. (2-tailed)		.216	.039	.000
	N	31	31	31	31
x5	Pearson Correlation	.229	1	.282	.708**
	Sig. (2-tailed)	.216		.124	.000
	N	31	31	31	31
x6	Pearson Correlation	.372*	.282	1	.727**
	Sig. (2-tailed)	.039	.124		.000
	N	31	31	31	31
xx2	Pearson Correlation	.745**	.708**	.727**	1
	Sig. (2-tailed)	.000	.000	.000	
	N	31	31	31	31

*. Correlation is significant at the 0.05 level (2-tailed).

**. Correlation is significant at the 0.01 level (2-tailed).

Correlations

Correlations

		x4	x5	x6	xx2
x4	Pearson Correlation	1	.229	.372*	.745**
	Sig. (2-tailed)		.216	.039	.000
	N	31	31	31	31
x5	Pearson Correlation	.229	1	.282	.708**
	Sig. (2-tailed)	.216		.124	.000
	N	31	31	31	31
x6	Pearson Correlation	.372*	.282	1	.727**
	Sig. (2-tailed)	.039	.124		.000
	N	31	31	31	31
xx2	Pearson Correlation	.745**	.708**	.727**	1
	Sig. (2-tailed)	.000	.000	.000	
	N	31	31	31	31

*. Correlation is significant at the 0.05 level (2-tailed).

**. Correlation is significant at the 0.01 level (2-tailed).

Correlations

Correlations

		x7	x8	x9	xx3
x7	Pearson Correlation	1	.295	.413	.769**
	Sig. (2-tailed)		.107	.021	.000
	N	31	31	31	31
x8	Pearson Correlation	.295	1	.687**	.784**
	Sig. (2-tailed)	.107		.000	.000
	N	31	31	31	31
x9	Pearson Correlation	.413	.687**	1	.843**
	Sig. (2-tailed)	.021	.000		.000
	N	31	31	31	31
xx3	Pearson Correlation	.769**	.784**	.843**	1
	Sig. (2-tailed)	.000	.000	.000	
	N	31	31	31	31

*. Correlation is significant at the 0.05 level (2-tailed).

**. Correlation is significant at the 0.01 level (2-tailed).

Correlations

Correlations

		x10	x11	x12	xx4
x10	Pearson Correlation	1	.314	.480**	.741**
	Sig. (2-tailed)		.085	.006	.000
	N	31	31	31	31
x11	Pearson Correlation	.314	1	.646**	.816**
	Sig. (2-tailed)	.085		.000	.000
	N	31	31	31	31
x12	Pearson Correlation	.480**	.646**	1	.867**
	Sig. (2-tailed)	.006	.000		.000
	N	31	31	31	31
xx4	Pearson Correlation	.741**	.816**	.867**	1
	Sig. (2-tailed)	.000	.000	.000	
	N	31	31	31	31

**. Correlation is significant at the 0.01 level (2-tailed).

Correlations

Correlations

		y1	y2	y3	y4	yy1
y1	Pearson Correlation	1	.622**	.360	.389	.781**
	Sig. (2-tailed)		.000	.047	.030	.000
	N	31	31	31	31	31
y2	Pearson Correlation	.622**	1	.546**	.026	.720**
	Sig. (2-tailed)	.000		.001	.889	.000
	N	31	31	31	31	31
y3	Pearson Correlation	.360	.546**	1	.450	.806**
	Sig. (2-tailed)	.047	.001		.011	.000
	N	31	31	31	31	31
y4	Pearson Correlation	.389	.026	.450	1	.655**
	Sig. (2-tailed)	.030	.889	.011		.000
	N	31	31	31	31	31
yy1	Pearson Correlation	.781**	.720**	.806**	.655**	1
	Sig. (2-tailed)	.000	.000	.000	.000	
	N	31	31	31	31	31

** . Correlation is significant at the 0.01 level (2-tailed).

* . Correlation is significant at the 0.05 level (2-tailed).

Correlations

Correlations

		y5	y6	y7	y8	yy2
y5	Pearson Correlation	1	.562**	.197	.599**	.792**
	Sig. (2-tailed)		.001	.288	.000	.000
	N	31	31	31	31	31
y6	Pearson Correlation	.562**	1	.301	.189	.686**
	Sig. (2-tailed)	.001		.100	.309	.000
	N	31	31	31	31	31
y7	Pearson Correlation	.197	.301	1	.396	.674**
	Sig. (2-tailed)	.288	.100		.028	.000
	N	31	31	31	31	31
y8	Pearson Correlation	.599**	.189	.396	1	.759**
	Sig. (2-tailed)	.000	.309	.028		.000
	N	31	31	31	31	31
yy2	Pearson Correlation	.792**	.686**	.674**	.759**	1
	Sig. (2-tailed)	.000	.000	.000	.000	
	N	31	31	31	31	31

** . Correlation is significant at the 0.01 level (2-tailed).

* . Correlation is significant at the 0.05 level (2-tailed).

Correlations

Correlations

		y9	y10	y11	y12	yy3
y9	Pearson Correlation	1	.183	.252	-.018	.613**
	Sig. (2-tailed)		.323	.171	.924	.000
	N	31	31	31	31	31
y10	Pearson Correlation	.183	1	.310	-.136	.515**
	Sig. (2-tailed)	.323		.090	.466	.003
	N	31	31	31	31	31
y11	Pearson Correlation	.252	.310	1	.347	.761**
	Sig. (2-tailed)	.171	.090		.056	.000
	N	31	31	31	31	31
y12	Pearson Correlation	-.018	-.136	.347	1	.529**
	Sig. (2-tailed)	.924	.466	.056		.002
	N	31	31	31	31	31
yy3	Pearson Correlation	.613**	.515**	.761**	.529**	1
	Sig. (2-tailed)	.000	.003	.000	.002	
	N	31	31	31	31	31

** . Correlation is significant at the 0.01 level (2-tailed).

Reliability

Case Processing Summary

		N	%
Cases	Valid	31	100.0
	Excluded ^a	0	.0
	Total	31	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.861	.871	12

Inter-Item Correlation Matrix

	x1	x2	x3	x4	x5	x6	x7	x8	x9	x10	x11	x12
x1	1.000	.375	.550	.429	.429	.373	-.136	.299	.299	.416	.330	.372
x2	.375	1.000	.316	.537	.200	.404	.172	.412	.412	.419	.348	.393
x3	.550	.316	1.000	.589	.210	.080	.301	.111	.328	.248	.331	.172
x4	.429	.537	.589	1.000	.229	.372	.279	.471	.362	.480	.580	.449
x5	.429	.200	.210	.229	1.000	.282	.114	.581	.362	.574	.308	.347
x6	.373	.404	.080	.372	.282	1.000	-.053	.493	.236	.398	.260	.174
x7	-.136	.172	.301	.279	.114	-.053	1.000	.295	.413	.185	.423	.258
x8	.299	.412	.111	.471	.581	.493	.295	1.000	.687	.688	.455	.513
x9	.299	.412	.328	.362	.362	.236	.413	.687	1.000	.688	.196	.513
x10	.416	.419	.248	.480	.574	.398	.185	.688	.688	1.000	.314	.480
x11	.330	.348	.331	.580	.308	.260	.423	.455	.196	.314	1.000	.646
x12	.372	.393	.172	.449	.347	.174	.258	.513	.513	.480	.646	1.000

Item Statistics

	Mean	Std. Deviation	N
x1	4.16	.374	31
x2	3.97	.752	31
x3	3.77	.669	31
x4	3.97	.657	31
x5	3.97	.657	31
x6	4.13	.562	31
x7	4.39	.615	31
x8	4.29	.461	31
x9	4.29	.461	31
x10	4.10	.539	31
x11	4.39	.558	31
x12	4.39	.495	31

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item-Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
x1	45.65	17.103	.534	.637	.853
x2	45.84	15.073	.558	.398	.850
x3	46.03	16.032	.451	.716	.857
x4	45.84	14.940	.693	.696	.838
x5	45.84	15.940	.481	.552	.855
x6	45.68	16.692	.411	.432	.858
x7	45.42	16.918	.316	.555	.866
x8	45.52	16.058	.709	.793	.842
x9	45.52	16.325	.632	.810	.846
x10	45.71	15.680	.685	.678	.841
x11	45.42	15.918	.598	.729	.846
x12	45.42	16.252	.601	.681	.847

Reliability

Scale: ALL VARIABLES

Case Processing Summary

		N	%
Cases	Valid	31	100.0
	Excluded ^a	0	.0
	Total	31	100.0

a. Listwise deletion based on all variables in the procedure.

Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.731	.738	12

Item Statistics

	Mean	Std. Deviation	N
y1	4.32	.475	31
y2	4.45	.506	31
y3	4.32	.541	31
y4	4.48	.570	31
y5	4.45	.506	31
y6	4.26	.514	31
y7	4.16	.583	31
y8	4.42	.564	31
y9	4.19	.601	31
y10	4.23	.497	31
y11	3.97	.482	31
y12	4.03	.605	31

Inter-Item Correlation Matrix

	y1	y2	y3	y4	y5	y6	y7	y8	y9	y10	y11	y12
y1	1.000	.622	.360	.389	.344	.466	.167	.225	.241	.105	-.099	-.037
y2	.622	1.000	.546	.026	.218	.306	.310	.365	.141	-.021	.062	.278
y3	.360	.546	1.000	.450	.546	.290	.464	.744	.007	-.032	.169	.171
y4	.389	.026	.450	1.000	.720	.470	.058	.488	.107	.190	-.063	-.337
y5	.344	.218	.546	.720	1.000	.562	.197	.599	-.297	-.021	-.075	-.049
y6	.466	.306	.290	.470	.562	1.000	.301	.189	-.167	.156	-.100	-.135
y7	.167	.310	.464	.058	.197	.301	1.000	.396	-.092	-.015	.138	.268
y8	.225	.365	.744	.488	.599	.189	.396	1.000	-.051	.008	.174	.154
y9	.241	.141	.007	.107	-.297	-.167	-.092	-.051	1.000	.183	.252	-.018
y10	.105	-.021	-.032	.190	-.021	.156	-.015	.008	.183	1.000	.310	-.136
y11	-.099	.062	.169	-.063	-.075	-.100	.138	.174	.252	.310	1.000	.347
y12	-.037	.278	.171	-.337	-.049	-.135	.268	.154	-.018	-.136	.347	1.000

Item-Total Statistics

	Scale Mean if Item Deleted	Scale Variance if Item Deleted	Corrected Item- Total Correlation	Squared Multiple Correlation	Cronbach's Alpha if Item Deleted
y1	46.97	8.899	.501	.611	.697
y2	46.84	8.740	.518	.694	.694
y3	46.97	8.099	.700	.710	.667
y4	46.81	8.761	.433	.801	.703
y5	46.84	8.806	.494	.786	.697
y6	47.03	9.032	.404	.563	.708
y7	47.13	8.849	.391	.380	.709
y8	46.87	8.249	.611	.676	.678
y9	47.10	10.024	.042	.489	.757
y10	47.06	9.929	.118	.258	.741
y11	47.32	9.692	.207	.367	.731
y12	47.26	9.865	.083	.394	.752