

ملحق التحليلات الإحصائية للبحث

Case Processing Summary

		N	%
Cases	Valid	50	100.0
	Excluded(a)	0	.0
	Total	50	100.0

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

Reliability Statistics

Cronbach's Alpha	N of Items
.869	5

Reliability

Warnings

The space saver method is used. That is, the covariance matrix is not calculated or used in the analysis.

Case Processing Summary

		N	%
Cases	Valid	50	100.0
	Excluded(a)	0	.0
	Total	50	100.0

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

Reliability Statistics

Cronbach's Alpha	N of Items
.550	20

Descriptives

Descriptive Statistics

Std. Deviation	Mean	Maximum	Minimum	N	
1.278	4.00	5	2	50	x11
.985	2.64	4	1	50	x12
.730	2.28	3	1	50	x13
.969	2.86	4	1	50	x14
.644	1.56	3	1	50	x15
.377	3.98	5	3	50	y11
.431	4.76	5	4	50	y12
.951	3.56	5	2	50	y13
.792	3.16	4	2	50	y14
1.282	2.78	5	1	50	x21
1.195	2.86	5	1	50	x22
.853	4.08	5	2	50	x23
1.030	3.60	5	2	50	x24
.591	1.24	3	1	50	x25
.639	4.60	5	3	50	x26
.646	1.54	3	1	50	x27
.431	4.76	5	4	50	x28
.495	4.60	5	4	50	x29
1.182	3.52	5	1	50	x210
.792	3.84	5	2	50	x211
.857	4.40	5	2	50	x212
.370	4.84	5	4	50	x213
1.552	2.86	5	1	50	x214
1.705	3.50	5	1	50	x215
1.325	2.86	5	1	50	x216
1.168	2.94	5	1	50	x217
.753	4.38	5	3	50	x218
.274	3.92	4	3	50	x219
.274	3.92	4	3	50	x220
				50	Valid N (listwise)

a Dependent Variable: y11

Model Summary

Std. Error of the Estimate	Adjusted R Square	R Square	R	Model
.358	.100	.118	.344(a)	1
.340	.187	.221	.470(b)	2
.289	.413	.449	.670(c)	3
.264	.510	.550	.742(d)	4
.221	.657	.692	.832(e)	5
.163	.812	.835	.914(f)	6
.078	.957	.963	.982(g)	7
.040	.989	.991	.995(h)	8
.040	.989	.990	.995(i)	9
.024	.996	.996	.998(j)	10
.009	.999	1.000	1.000(k)	11
.001	1.000	1.000	1.000(l)	12
.000	1.000	1.000	1.000(m)	13

a Predictors: (Constant), x25

b Predictors: (Constant), x25, x26

c Predictors: (Constant), x25, x26, x28

d Predictors: (Constant), x25, x26, x28, x213

e Predictors: (Constant), x25, x26, x28, x213, x212
f Predictors: (Constant), x25, x26, x28, x213, x212, x215
g Predictors: (Constant), x25, x26, x28, x213, x212, x215, x220
h Predictors: (Constant), x25, x26, x28, x213, x212, x215, x220, x210
i Predictors: (Constant), x25, x26, x213, x212, x215, x220, x210
j Predictors: (Constant), x25, x26, x213, x212, x215, x220, x210, x27
k Predictors: (Constant), x25, x26, x213, x212, x215, x220, x210, x27, x214
l Predictors: (Constant), x25, x26, x213, x212, x215, x220, x210, x27, x214, x21
m Predictors: (Constant), x25, x26, x213, x212, x215, x220, x210, x27, x214, x21, x219

ANOVA(n)

Sig.	F	Mean Square	df	Sum of Squares		Model
.014(a)	6.441	.826	1	.826	Regression	1
		.128	48	6.154	Residual	
			49	6.980	Total	
.003(b)	6.652	.770	2	1.540	Regression	2
		.116	47	5.440	Residual	
			49	6.980	Total	
.000(c)	12.500	1.045	3	3.135	Regression	3
		.084	46	3.845	Residual	
			49	6.980	Total	
.000(d)	13.766	.960	4	3.841	Regression	4
		.070	45	3.139	Residual	
			49	6.980	Total	
.000(e)	19.766	.966	5	4.830	Regression	5
		.049	44	2.150	Residual	
			49	6.980	Total	
.000(f)	36.357	.972	6	5.831	Regression	6
		.027	43	1.149	Residual	
			49	6.980	Total	
.000(g)	158.030	.961	7	6.725	Regression	7
		.006	42	.255	Residual	
			49	6.980	Total	
.000(h)	537.425	.864	8	6.914	Regression	8
		.002	41	.066	Residual	
			49	6.980	Total	
.000(i)	619.976	.988	7	6.913	Regression	9
		.002	42	.067	Residual	
			49	6.980	Total	
.000(j)	1456.401	.869	8	6.956	Regression	10
		.001	41	.024	Residual	
			49	6.980	Total	
.000(k)	9475.068	.775	9	6.977	Regression	11
		.000	40	.003	Residual	
			49	6.980	Total	
.000(l)	1394923.969	.698	10	6.980	Regression	12
		.000	39	.000	Residual	
			49	6.980	Total	
.000(m)	640833719745253.000	.635	11	6.980	Regression	13
		.000	38	.000	Residual	
			49	6.980	Total	

- a Predictors: (Constant), x25
- b Predictors: (Constant), x25, x26
- c Predictors: (Constant), x25, x26, x28
- d Predictors: (Constant), x25, x26, x28, x213
- e Predictors: (Constant), x25, x26, x28, x213, x212
- f Predictors: (Constant), x25, x26, x28, x213, x212, x215
- g Predictors: (Constant), x25, x26, x28, x213, x212, x215, x220
- h Predictors: (Constant), x25, x26, x28, x213, x212, x215, x220, x210
- i Predictors: (Constant), x25, x26, x213, x212, x215, x220, x210
- j Predictors: (Constant), x25, x26, x213, x212, x215, x220, x210, x27
- k Predictors: (Constant), x25, x26, x213, x212, x215, x220, x210, x27, x214
- l Predictors: (Constant), x25, x26, x213, x212, x215, x220, x210, x27, x214, x21
- m Predictors: (Constant), x25, x26, x213, x212, x215, x220, x210, x27, x214, x21, x219
- n Dependent Variable: y11
- a Dependent Variable: y12

Model Summary

Std. Error of the Estimate	Adjusted R Square	R Square	R	Model
.330	.416	.428	.654(a)	1
.296	.530	.550	.741(b)	2
.269	.612	.635	.797(c)	3
.247	.672	.699	.836(d)	4
.165	.853	.868	.932(e)	5
.118	.926	.935	.967(f)	6
.043	.990	.991	.996(g)	7
.029	.996	.996	.998(h)	8
.016	.999	.999	.999(i)	9
.002	1.000	1.000	1.000(j)	10
.000	1.000	1.000	1.000(k)	11
.000	1.000	1.000	1.000(l)	12

- a Predictors: (Constant), x216
- b Predictors: (Constant), x216, x26
- c Predictors: (Constant), x216, x26, x21
- d Predictors: (Constant), x216, x26, x21, x214
- e Predictors: (Constant), x216, x26, x21, x214, x28
- f Predictors: (Constant), x216, x26, x21, x214, x28, x215
- g Predictors: (Constant), x216, x26, x21, x214, x28, x215, x211
- h Predictors: (Constant), x216, x26, x21, x214, x28, x215, x211, x210
- i Predictors: (Constant), x216, x26, x21, x214, x28, x215, x211, x210, x212
- j Predictors: (Constant), x216, x26, x21, x214, x28, x215, x211, x210, x212, x27
- k Predictors: (Constant), x216, x26, x21, x214, x28, x215, x211, x210, x212, x27, x29
- l Predictors: (Constant), x216, x26, x21, x214, x28, x215, x211, x210, x212, x27, x29, x24

ANOVA(m)

Sig.	F	Mean Square	df	Sum of Squares		Model
.000(a)	35.889	3.902	1	3.902	Regression	1
		.109	48	5.218	Residual	
			49	9.120	Total	
.000(b)	28.669	2.506	2	5.012	Regression	2
		.087	47	4.108	Residual	
			49	9.120	Total	
.000(c)	26.717	1.931	3	5.794	Regression	3
		.072	46	3.326	Residual	
			49	9.120	Total	
.000(d)	26.145	1.594	4	6.376	Regression	4
		.061	45	2.744	Residual	
			49	9.120	Total	
.000(e)	58.023	1.584	5	7.919	Regression	5
		.027	44	1.201	Residual	
			49	9.120	Total	
.000(f)	102.714	1.421	6	8.525	Regression	6
		.014	43	.595	Residual	
			49	9.120	Total	
.000(g)	696.569	1.292	7	9.042	Regression	7
		.002	42	.078	Residual	
			49	9.120	Total	
.000(h)	1390.030	1.136	8	9.086	Regression	8
		.001	41	.034	Residual	
			49	9.120	Total	
.000(i)	3750.016	1.012	9	9.109	Regression	9
		.000	40	.011	Residual	
			49	9.120	Total	
.000(j)	333873.287	.912	10	9.120	Regression	10
		.000	39	.000	Residual	
			49	9.120	Total	
.(k)	.	.829	11	9.120	Regression	11
		.000	38	.000	Residual	
			49	9.120	Total	
.(l)	.	.760	12	9.120	Regression	12
		.000	37	.000	Residual	
			49	9.120	Total	

a Predictors: (Constant), x216

b Predictors: (Constant), x216, x26

c Predictors: (Constant), x216, x26, x21

d Predictors: (Constant), x216, x26, x21, x214

e Predictors: (Constant), x216, x26, x21, x214, x28

f Predictors: (Constant), x216, x26, x21, x214, x28, x215

g Predictors: (Constant), x216, x26, x21, x214, x28, x215, x211

h Predictors: (Constant), x216, x26, x21, x214, x28, x215, x211, x210

i Predictors: (Constant), x216, x26, x21, x214, x28, x215, x211, x210, x212

j Predictors: (Constant), x216, x26, x21, x214, x28, x215, x211, x210, x212, x27

k Predictors: (Constant), x216, x26, x21, x214, x28, x215, x211, x210, x212, x27, x29

l Predictors: (Constant), x216, x26, x21, x214, x28, x215, x211, x210, x212, x27, x29, x24

m Dependent Variable: y12

a Dependent Variable: y13

Model Summary

Std. Error of the Estimate	Adjusted R Square	R Square	R	Model
.522	.698	.705	.839(a)	1
.364	.853	.859	.927(b)	2
.300	.900	.906	.952(c)	3
.259	.926	.932	.965(d)	4

- a Predictors: (Constant), x217
b Predictors: (Constant), x217, x211
c Predictors: (Constant), x217, x211, x25
d Predictors: (Constant), x217, x211, x25, x218

ANOVA(e)

Sig.	F	Mean Square	df	Sum of Squares		Model
.000(a)	114.495	31.228	1	31.228	Regression	1
		.273	48	13.092	Residual	
			49	44.320	Total	
.000(b)	143.437	19.040	2	38.081	Regression	2
		.133	47	6.239	Residual	
			49	44.320	Total	
.000(c)	148.322	13.389	3	40.168	Regression	3
		.090	46	4.152	Residual	
			49	44.320	Total	
.000(d)	153.444	10.323	4	41.293	Regression	4
		.067	45	3.027	Residual	
			49	44.320	Total	

- a Predictors: (Constant), x217
b Predictors: (Constant), x217, x211
c Predictors: (Constant), x217, x211, x25
d Predictors: (Constant), x217, x211, x25, x218
e Dependent Variable: y13
a Dependent Variable: y14

Model Summary

Std. Error of the Estimate	Adjusted R Square	R Square	R	Model
.455	.670	.677	.823(a)	1
.359	.794	.803	.896(b)	2
.300	.856	.865	.930(c)	3
.224	.920	.927	.963(d)	4
.191	.942	.948	.974(e)	5
.144	.967	.971	.985(f)	6
.086	.988	.990	.995(g)	7
.058	.995	.996	.998(h)	8
.034	.998	.999	.999(i)	9
.014	1.000	1.000	1.000(j)	10
.000	1.000	1.000	1.000(k)	11

- a Predictors: (Constant), x211
b Predictors: (Constant), x211, x22
c Predictors: (Constant), x211, x22, x25
d Predictors: (Constant), x211, x22, x25, x28
e Predictors: (Constant), x211, x22, x25, x28, x21
f Predictors: (Constant), x211, x22, x25, x28, x21, x220
g Predictors: (Constant), x211, x22, x25, x28, x21, x220, x24
h Predictors: (Constant), x211, x22, x25, x28, x21, x220, x24, x23
i Predictors: (Constant), x211, x22, x25, x28, x21, x220, x24, x23, x217
j Predictors: (Constant), x211, x22, x25, x28, x21, x220, x24, x23, x217, x210
k Predictors: (Constant), x211, x22, x25, x28, x21, x220, x24, x23, x217, x210, x26