



**LAMPIRAN**

## Factor Analysis

### Descriptive Statistics

	Mean	Std. Deviation	Analysis N
MVBVA	9.595	40.3738	386
MVBVE	25.360	137.9678	386
CAMVA	.004538	.0475776	386

### Correlation Matrix<sup>a</sup>

		MVBVA	MVBVE	CAMVA
Correlation	MVBVA	1.000	.725	-.018
	MVBVE	.725	1.000	-.015
	CAMVA	-.018	-.015	1.000
Sig. (1-tailed)	MVBVA		.000	.363
	MVBVE	.000		.381
	CAMVA	.363	.381	

a. Determinant = .474

### Inverse of Correlation Matrix

	MVBVA	MVBVE	CAMVA
MVBVA	2.110	-1.530	.014
MVBVE	-1.530	2.110	.005
CAMVA	.014	.005	1.000

### KMO and Bartlett's Test

Kaiser-Meyer-Olkin Measure of Sampling Adequacy.		.500
Bartlett's Test of Sphericity	Approx. Chi-Square	286.173
	df	3
	Sig.	.000

**Anti-image Matrices**

		MVBVA	MVBVE	CAMVA
Anti-image Covariance	MVBVA	.474	-.344	.007
	MVBVE	-.344	.474	.003
	CAMVA	.007	.003	1.000
Anti-image Correlation	MVBVA	.500 <sup>a</sup>	-.725	.010
	MVBVE	-.725	.500 <sup>a</sup>	.004
	CAMVA	.010	.004	.839 <sup>a</sup>

a. Measures of Sampling Adequacy(MSA)

**Total Variance Explained**

Component	Initial Eigenvalues			Extraction Sums of Squared Loadings		
	Total	% of Variance	Cumulative %	Total	% of Variance	Cumulative %
1	1.726	57.534	57.534	1.726	57.534	57.534
2	.999	33.308	90.842			
3	.275	9.158	100.000			

Extraction Method: Principal Component Analysis.

**Component Matrix<sup>a</sup>**

	Component
	1
MVBVA	.929
MVBVE	.928
CAMVA	-.043

Extraction Method:  
Principal Component  
Analysis.

a. 1 components  
extracted.

### Reproduced Correlations

		MVBVA	MVBVE	CAMVA
Reproduced Correlation	MVBVA	.862 <sup>a</sup>	.862	-.040
	MVBVE	.862	.862 <sup>a</sup>	-.040
	CAMVA	-.040	-.040	.002 <sup>a</sup>
Residual <sup>b</sup>	MVBVA		-.137	.022
	MVBVE	-.137		.024
	CAMVA	.022	.024	

Extraction Method: Principal Component Analysis.

a. Reproduced communalities

b. Residuals are computed between observed and reproduced correlations.

There are 1 (33.0%) nonredundant residuals with absolute values greater than 0.05.

### Communalities

	Initial	Extraction
MVBVA	1.000	.862
MVBVE	1.000	.862
CAMVA	1.000	.002

Extraction Method: Principal Component Analysis.

### Descriptives

#### Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
MVBVA	386	.1	547.1	9.595	40.3738
K.M	386	0	18	.52	1.977
K.A	386	.00	99.74	33.5104	34.10761
K.I	386	.00	100.00	71.3099	20.72928
Valid N (listwise)	386				

## Frequencies

		Dummy			
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	186	48.2	48.2	48.2
	1	200	51.8	51.8	100.0
Total		386	100.0	100.0	

## Logistic Regression

### Dependent Variable Encoding

Original Value	Internal Value
0	0
1	1

### Block 0: Beginning Block

#### Iteration History<sup>a,b,c</sup>

		Coefficients	
		-2 Log likelihood	Constant
Step 0	1	534.602	.073
	2	534.602	.073

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 534.602

c. Estimation terminated at iteration number 2 because parameter estimates changed by less than .001.

**Classification Table<sup>a,b</sup>**

		Observed	Predicted		Percentage Correct
			Dummy		
			0	1	
Step 0	Dummy	0	0	186	.0
		1	0	200	100.0
Overall Percentage					51.8

a. Constant is included in the model.

b. The cut value is .500

**Variables in the Equation**

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	.073	.102	.508	1	.476	1.075

**Variables not in the Equation**

			Score	df	Sig.
Step 0	Variables	MVBVA	.699	1	.403
		K.M	15.792	1	.000
		K.A	31.785	1	.000
		K.I	13.253	1	.000
Overall Statistics			48.503	4	.000

## Block 1: Method = Enter

Iteration History<sup>a,b,c,d</sup>

Iteration		-2 Log likelihood	Coefficients				
			Constant	MVBVA	K.M	K.A	K.I
Step 1	1	482.065	-.803	-.001	-.185	.015	.006
	2	478.549	-.866	-.001	-.310	.017	.007
	3	478.253	-.880	-.001	-.362	.017	.007
	4	478.248	-.881	-.001	-.370	.017	.008
	5	478.248	-.881	-.001	-.370	.017	.008

a. Method: Enter

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 534.602

d. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	56.354	4	.000
	Block	56.354	4	.000
	Model	56.354	4	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	478.248 <sup>a</sup>	.136	.181

a. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	13.414	8	.098

**Contingency Table for Hosmer and Lemeshow Test**

		Dummy = 0		Dummy = 1		Total
		Observed	Expected	Observed	Expected	
Step 1	1	32	31.419	7	7.581	39
	2	28	24.468	11	14.532	39
	3	20	23.376	19	15.624	39
	4	26	22.146	13	16.854	39
	5	21	21.049	18	17.951	39
	6	20	18.790	19	20.210	39
	7	9	15.464	30	23.536	39
	8	10	12.976	29	26.024	39
	9	9	9.662	30	29.338	39
	10	11	6.651	24	28.349	35

**Classification Table<sup>a</sup>**

	Observed	Predicted		
		Dummy		Percentage Correct
		0	1	
Step 1	Dummy 0	129	57	69.4
	Dummy 1	77	123	61.5
Overall Percentage				65.3

a. The cut value is .500

**Variables in the Equation**

	B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I. for EXP(B)		
							Lower	Upper	
Step 1 <sup>a</sup>	MVBVA	-.001	.004	.051	1	.822	.999	.992	1.007
	K.M	-.370	.117	9.934	1	.002	.691	.549	.869
	K.A	.017	.004	24.107	1	.000	1.018	1.010	1.025
	K.I	.008	.006	1.782	1	.182	1.008	.996	1.019
	Constant	-.881	.404	4.744	1	.029	.414		

a. Variable(s) entered on step 1: MVBVA, K.M, K.A, K.I.



**Correlation Matrix**

		Constant	MVBVA	K.M	K.A	K.I
Step 1	Constant	1.000	-.084	-.078	-.005	-.925
	MVBVA	-.084	1.000	-.111	-.045	.028
	K.M	-.078	-.111	1.000	-.039	.033
	K.A	-.005	-.045	-.039	1.000	-.256
	K.I	-.925	.028	.033	-.256	1.000

**Casewise List<sup>b</sup>**

Case	Selected Status <sup>a</sup>	Observed	Predicted	Predicted Group	Temporary Variable	
		Dummy			Resid	ZResid
38	S	1**	.046	0	.954	4.575

a. S = Selected, U = Unselected cases, and \*\* = Misclassified cases.

b. Cases with studentized residuals greater than 2.000 are listed.



