

Descriptives

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
CACL	153	3.3595	47612.47	476.3485	3839.128006
LTDTA	153	-18.3185	110.9671	18.462176	21.617995
NIS	153	-1199.89	106.3563	-27.9774	131.718193
COGSI	153	.0000	9480.4439	621.0078	1160.032945
Valid N (listwise)	153				

Descriptives

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
CACL	153	4.6558	11289.65	245.9118	912.505911
LTDTA	153	-17.2524	120.9303	20.893612	23.721598
NIS	153	-749.8649	167.6818	-8.828065	69.894890
COGSI	153	74.3508	7609.2343	634.6803	852.480565
Valid N (listwise)	153				

Descriptives

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
CACL	153	4.7307	33389.42	409.9239	2689.668878
LTDTA	153	.0000	221.6265	23.595109	29.476109
NIS	153	-310.5758	218.3295	5.467258	40.761108
COGSI	153	63.4669	11874.70	615.3874	1012.627429
Valid N (listwise)	153				

Correlations

Correlations

		CACL	LTDTA	NIS	COGSI
Pearson Correlation	CACL	1.000	.153**	.035	-.007
	LTDTA	.153**	1.000	.016	-.091
	NIS	.035	.016	1.000	.054
	COGSI	-.007	-.091	.054	1.000
Sig. (2-tailed)	CACL	.	.001	.455	.882
	LTDTA	.001	.	.727	.052
	NIS	.455	.727	.	.245
	COGSI	.882	.052	.245	.
N	CACL	459	459	459	459
	LTDTA	459	459	459	459
	NIS	459	459	459	459
	COGSI	459	459	459	459

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



Logistic Regression

Case Processing Summary

Unweighted Cases ^a		N	Percent
Selected Cases	Included in Analysis	459	100.0
	Missing Cases	0	.0
	Total	459	100.0
Unselected Cases		0	.0
Total		459	100.0

a. If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
0	0
1	1

Block 0: Beginning Block

Classification Table^{a,b}

		Predicted		Percentage Correct
		LABA		
Observed		0	1	
Step 0	LABA	266	0	100.0
		193	0	.0
Overall Percentage				58.0

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	-.321	.095	11.511	1	.001	.726

Variables not in the Equation

Step	Variables	Score	df	Sig.
0	CACL	3.242	1	.072
	LTDTA	3.118	1	.077
	NIS	1.976	1	.160
	COGSI	.002	1	.967
Overall Statistics		9.618	4	.047

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	10.740	4	.030
	Block	10.740	4	.030
	Model	10.740	4	.030

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	613.910	.023	.031

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	14.718	8	.065

Contingency Table for Hosmer and Lemeshow Test

		LABA = 0		LABA = 1		Total
		Observed	Expected	Observed	Expected	
Step 1	1	31	31.810	15	14.190	46
	2	28	29.381	18	16.619	46
	3	32	28.188	14	17.812	46
	4	29	27.262	17	18.738	46
	5	25	26.500	21	19.500	46
	6	34	25.953	12	20.047	46
	7	18	25.560	28	20.440	46
	8	21	25.287	25	20.713	46
	9	25	24.996	21	21.004	46
	10	23	21.177	22	23.823	45

Classification Table^a

		Predicted			
		LABA		Percentage Correct	
Observed		0	1		
Step 1	LABA 0	0	261	5	98.1
	LABA 1	1	183	10	5.2
	Overall Percentage				59.0

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 1	CACL	.000	.000	1.334	1	.248	1.000
	LTDTA	-.008	.004	4.099	1	.043	.992
	NIS	-.002	.001	1.898	1	.168	.998
	COGSI	.000	.000	.019	1	.889	1.000
	Constant	-.192	.144	1.785	1	.182	.825

a. Variable(s) entered on step 1: CACL, LTDTA, NIS, COGSI.



Logistic Regression

Case Processing Summary

Unweighted Cases ^a		N	Percent
Selected Cases	Included in Analysis	459	100.0
	Missing Cases	0	.0
	Total	459	100.0
Unselected Cases		0	.0
Total		459	100.0

a. If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
0	0
1	1

Block 0: Beginning Block

Iteration History^{a,b,c}

Iteration		-2 Log likelihood	Coefficients
			Constant
Step 1		624.650	-.318
0	2	624.650	-.321

- a. Constant is included in the model.
 b. Initial -2 Log Likelihood: 624.650
 c. Estimation terminated at iteration number 2 because log-likelihood decreased by less than .010 percent.

Classification Table^{a,b}

Observed			Predicted		Percentage Correct
			LABA		
	0	1	0	1	
Step 0 LABA	0	1	266	0	100.0
			193	0	.0
Overall Percentage					58.0

- 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	-.321	.095	11.511	1	.001	.726

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	CACL	3.242	1	.072
		LTDTA	3.118	1	.077
		NIS	1.976	1	.160
		COGSI	.002	1	.967
Overall Statistics			9.618	4	.047

Block 1: Method = Enter

Iteration History^{a,b,c,d}

Iteration		-2 Log likelihood	Coefficients				
			Constant	CACL	LTDTA	NIS	COGSI
Step 1	1	614.546	-.193	.000	-.008	-.001	.000
1	2	613.910	-.192	.000	-.008	-.002	.000

- Method: Enter
- Constant is included in the model.
- Initial -2 Log Likelihood: 624.650
- Estimation terminated at iteration number 2 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	10.740	4	.030
	Block	10.740	4	.030
	Model	10.740	4	.030

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	613.910	.023	.031

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	14.718	8	.065

Contingency Table for Hosmer and Lemeshow Test

		LABA = 0		LABA = 1		Total
		Observed	Expected	Observed	Expected	
Step 1	1	31	31.810	15	14.190	46
	2	28	29.381	18	16.619	46
	3	32	28.188	14	17.812	46
	4	29	27.262	17	18.738	46
	5	25	26.500	21	19.500	46
	6	34	25.953	12	20.047	46
	7	18	25.560	28	20.440	46
	8	21	25.287	25	20.713	46
	9	25	24.996	21	21.004	46
	10	23	21.177	22	23.823	45

Classification Table^a

Observed		Predicted		Percentage Correct
		LABA		
		0	1	
Step 1	LABA	0	1	
		261	5	98.1
		183	10	5.2
Overall Percentage				59.0

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I. for EXP(B)	
								Lower	Upper
Step 1	CACL	-.00011	.000	1.334	1	.248	1.000	1.000	1.000
	LTDTA	-.00847	.004	4.099	1	.043	.992	.983	1.000
	NIS	-.00163	.001	1.898	1	.168	.998	.996	1.001
	COGSI	-.00001	.000	.019	1	.889	1.000	1.000	1.000
	Constant	-.19223	.144	1.785	1	.182	.825		

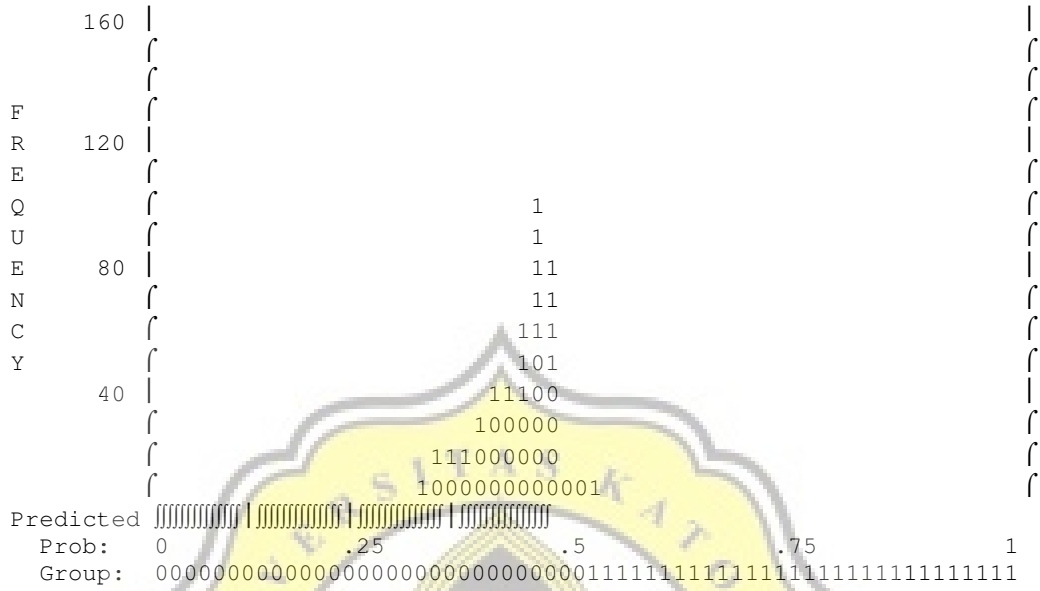
a. Variable(s) entered on step 1: CACL, LTDTA, NIS, COGSI.

Correlation Matrix

		Constant	CACL	LTDTA	NIS	COGSI
Step 1	Constant	1.000	-.129	-.599	.104	-.469
	CACL	-.129	1.000	-.043	-.044	.007
	LTDTA	-.599	-.043	1.000	.009	.094
	NIS	.104	-.044	.009	1.000	-.057
	COGSI	-.469	.007	.094	-.057	1.000

Step number: 1

Observed Groups and Predicted Probabilities



Predicted Probability is of Membership for 1
The Cut Value is .50
Symbols: 0 - 0
 1 - 1
Each Symbol Represents 10 Cases.

