```
LOGISTIC REGRESSION VARIABLES GCO
  /METHOD=ENTER DISC FD ADIL OTS
  /SAVE=PRED
  /CLASSPLOT
  /CASEWISE OUTLIER(2)
  /PRINT=GOODFIT CORR ITER(1)
  /CRITERIA=PIN(0.05) POUT(0.10) ITERATE(20) CUT(0.5).
```

Logistic Regression

Notes

Output Created		12-SEP-2014 21:49:08
Comments		
Input	Data	C:\Users\CHIKA\Documents\skripsi.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	66
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing
Syntax		LOGISTIC REGRESSION VARIABLES GCO /METHOD=ENTER DISC FD ADIL OTS /SAVE=PRED /CLASSPLOT /CASEWISE OUTLIER(2) /PRINT=GOODFIT CORR ITER(1) /CRITERIA=PIN(0.05) POUT(0.10) ITERATE(20) CUT(0.5).
Resources	Processor Time	00:00:00.06
	Elapsed Time	00:00:00.11
Variables Created or Modified	PRE_1	Predicted probability

```
[DataSet1] C:\Users\CHIKA\Documents\skripsi.sav
```

Case Processing Summary

Unweighted Cases[a]		N	Percent
Selected Cases	Included in Analysis	66	100.0
	Missing Cases	0	.0
	Total	66	100.0
Unselected Cases		0	.0
Total		66	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 0	1	91.435	.061
	2	91.435	.061

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 91.435

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

Classification Table[a,b]

	Observed		Predicted		
			GCO		Percentage Correct
			0	1	
Step 0	GCO	0	0	32	.0
		1	0	34	100.0
	Overall Percentage				51.5

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	.061	.246	.061	1	.806	1.062

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	DISC	2.620	1	.106
		FD	.151	1	.697
		ADIL	9.512	1	.002
		OTS	32.413	1	.000
	Overall Statistics		34.198	4	.000

Block 1: Method = Enter

Iteration History[a,b,c,d]

Iteration		-2 Log likelihood	Coefficients				
			Constant	DISC	FD	ADIL	OTS
Step 1	1	54.208	3.500	-5.249	-.111	.372	2.651
	2	51.953	6.840	-9.186	-.173	.857	3.257
	3	51.779	8.223	-10.745	-.189	1.176	3.390
	4	51.777	8.370	-10.912	-.191	1.228	3.405
	5	51.777	8.372	-10.914	-.191	1.228	3.405
	6	51.777	8.372	-10.914	-.191	1.228	3.405

a. Method: Enter

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 91.435

d. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	39.658	4	.000
	Block	39.658	4	.000
	Model	39.658	4	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	51.777[a]	.452	.602

a. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	7.311	7	.397

Contingency Table for Hosmer and Lemeshow Test

		GCO = 0		GCO = 1		Total
		Observed	Expected	Observed	Expected	
Step 1	1	7	6.793	0	.207	7
	2	7	6.463	0	.537	7
	3	6	6.198	1	.802	7
	4	5	5.546	2	1.454	7
	5	2	2.304	5	4.696	7
	6	1	1.541	6	5.459	7
	7	1	1.234	6	5.766	7
	8	3	.984	4	6.016	7
	9	0	.937	10	9.063	10

Classification Table[a]

	Observed		Predicted		
			GCO		Percentage Correct
			0	1	
Step 1	GCO	0	26	6	81.3
		1	3	31	91.2
	Overall Percentage				86.4

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 1[a]	DISC	-10.914	9.512	1.317	1	.251	.000
	FD	-.191	.133	2.053	1	.152	1.210
	ADIL	1.228	1.369	.805	1	.370	.293
	OTS	3.405	.811	17.611	1	.000	30.116
	Constant	8.372	9.002	.865	1	.352	4323.679

a. Variable(s) entered on step 1: DISC, FD, ADIL, OTS.

Correlation Matrix

		Constant	DISC	FD	ADIL	OTS
Step 1	Constant	1.000	-.997	.424	-.149	-.078
	DISC	-.997	1.000	-.445	.124	.014
	FD	.424	-.445	1.000	.078	.255
	ADIL	-.149	.124	.078	1.000	.218
	OTS	-.078	.014	.255	.218	1.000

```
             Step number: 1

             Observed Groups and Predicted Probabilities

       4 +   0
1        1     1        +
         I   0
1        1     1        I
         I   0
1        1     1        I
F        I   0
1        1     1        I
R      3 +  00    0  1
1   1    1 1   1        +
E        I  00    0  1
1   1    1 1   1        I
Q        I  00    0  1
1   1    1 1   1        I
U        I  00    0  1
1   1    1 1   1        I
E      2 +  00    00 0 0
1  11  1 11 011  11        +
N        I  00    00 0 0
1  11  1 11 011  11        I
C        I  00    00 0 0
1  11  1 11 011  11        I
Y        I  00    00 0 0
1  11  1 11 011  11        I
       1 +  000 00000000 10 1    0 0     0          0                1
1     1  01101 1010101 11    1   +
         I  000 00000000 10 1    0 0     0          0                1
1     1  01101 1010101 11    1   I
         I  000 00000000 10 1    0 0     0          0                1
1     1  01101 1010101 11    1   I
         I  000 00000000 10 1    0 0     0          0                1
1     1  01101 1010101 11    1   I
Predicted ---------+---------+---------+---------+---------+---------+-------
--+---------+---------+----------
  Prob:   0       .1        .2        .3        .4        .5        .6
.7        .8        .9         1
  Group:
0000000000000000000000000000000000000000000000000111111111111111111111111111
111111111111111111111111

          Predicted Probability is of Membership for 1
          The Cut Value is .50
          Symbols: 0 - 0
                   1 - 1
          Each Symbol Represents .25 Cases.
```