```
LOGISTIC REGRESSION VARIABLES Motivasi
  /METHOD=ENTER Umur Pendidikan Modal Jumlah Produksi Lama Harga
  /CLASSPLOT
  /CASEWISE OUTLIER(2)
  /PRINT=GOODFIT CORR ITER(1) CI(95)
  /CRITERIA=PIN(0.05) POUT(0.10) ITERATE(20) CUT(0.5).
```

Logistic Regression

Notes

Output Created		26-JUN-2019 23:25:38
Comments		
Input	Active Dataset	DataSet0
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	60
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing
Syntax		LOGISTIC REGRESSION VARIABLES Motivasi /METHOD=ENTER Umur Pendidikan Modal Jumlah Produksi Lama Harga /CLASSPLOT /CASEWISE OUTLIER(2) /PRINT=GOODFIT CORR ITER(1) CI(95) /CRITERIA=PIN(0.05) POUT(0.10) ITERATE(20) CUT(0.5).
Resources	Processor Time	00:00:00,05
	Elapsed Time	00:00:00,17

[DataSet0]

Case Processing Summary

Unweighted Cases[a]		N	Percent
Selected Cases	Included in Analysis	60	100.0
	Missing Cases	0	.0
	Total	60	100.0
Unselected Cases		0	.0
Total		60	100.0

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

Dependent Variable Encoding

Original Value	Internal Value
Tidak Termotivasi	0
Termotivasi	1

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	41.268	1.600
	2	39.078	2.086
	3	39.010	2.193
	4	39.010	2.197
	5	39.010	2.197

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 39.010

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

Classification Table[a,b]

Observed			Predicted		
			Motivasi		Percentage Correct
			Tidak Termotivasi	Termotivasi	
Step 0	Motivasi	Tidak Termotivasi	0	6	.0
		Termotivasi	0	54	100.0
	Overall Percentage				90.0

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	2.197	.430	26.070	1	.000	9.000

Variables not in the Equation[a]

			Score	df	Sig.
Step 0	Variables	Umur	.005	1	.943
		Pendidikan	1.880	1	.170
		Modal	2.522	1	.112
		Jumlah	.023	1	.880
		Produksi	.137	1	.711
		Lama	4.955	1	.026
		Harga	.120	1	.729

a. Residual Chi-Squares are not computed because of redundancies.

Block 1: Method = Enter

Iteration History[a,b,c,d]

Iteration		-2 Log likelihood	Coefficients					
			Constant	Umur	Pendidikan	Modal	Jumlah	Produksi
Step 1	1	35.642	2.655	.006	.030	.000	-.020	.000
	2	29.247	3.538	.012	.113	.000	-.078	.000
	3	26.855	4.161	.011	.241	.000	-.147	.001
	4	26.141	4.919	.004	.370	.000	-.175	.001
	5	26.051	5.187	.001	.445	.000	-.173	.001
	6	26.049	5.194	.000	.460	.000	-.170	.001
	7	26.049	5.193	.000	.461	.000	-.170	.001

Iteration History[a,b,c,d]

Iteration		Coefficients	
		Lama	Harga
Step 1	1	-.048	.000
	2	-.099	.000
	3	-.149	.000
	4	-.186	.000
	5	-.203	.000
	6	-.206	.000
	7	-.206	.000

a. Method: Enter

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 39.010

d. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	12.961	7	.073
	Block	12.961	7	.073
	Model	12.961	7	.073

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	26.049[a]	.194	.406

a. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	4.286	8	.830

Contingency Table for Hosmer and Lemeshow Test

		Motivasi = Tidak Termotivasi		Motivasi = Termotivasi		
		Observed	Expected	Observed	Expected	Total
Step 1	1	3	2.806	3	3.194	6
	2	1	1.648	5	4.352	6
	3	1	.756	5	5.244	6
	4	0	.427	6	5.573	6
	5	1	.205	5	5.795	6
	6	0	.103	6	5.897	6
	7	0	.031	6	5.969	6
	8	0	.016	6	5.984	6
	9	0	.007	6	5.993	6
	10	0	.002	6	5.998	6

Classification Table[a]

Observed			Predicted		
			Motivasi		
			Tidak Termotivasi	Termotivasi	Percentage Correct
Step 1	Motivasi	Tidak Termotivasi	2	4	33.3
		Termotivasi	0	54	100.0
	Overall Percentage				93.3

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I...
								Lower
Step 1[a]	Umur	.000	.127	.000	1	.997	1.000	.780
	Pendidikan	.461	.525	.772	1	.380	1.586	.567
	Modal	.000	.000	4.385	1	.036	1.000	1.000
	Jumlah	-.170	.777	.048	1	.827	.844	.184
	Produksi	.001	.001	3.084	1	.079	1.001	1.000
	Lama	-.206	.129	2.538	1	.111	.814	.631
	Harga	.000	.000	2.738	1	.098	1.000	.999
	Constant	5.193	6.987	.552	1	.457	180.082	

Variables in the Equation

		95% C.I.for ...
		Upper
Step 1[a]	Umur	1.282
	Pendidikan	4.433
	Modal	1.000
	Jumlah	3.869
	Produksi	1.002
	Lama	1.049
	Harga	1.000
	Constant	

a. Variable(s) entered on step 1: Umur, Pendidikan, Modal, Jumlah, Produksi, Lama, Harga.

Correlation Matrix

		Constant	Umur	Pendidikan	Modal	Jumlah	Produksi	Lama
Step 1	Constant	1.000	-.795	-.233	-.434	-.128	.430	-.070
	Umur	-.795	1.000	-.171	.421	-.092	-.277	-.380
	Pendidikan	-.233	-.171	1.000	-.449	-.051	.089	.171
	Modal	-.434	.421	-.449	1.000	-.021	-.817	.249
	Jumlah	-.128	-.092	-.051	-.021	1.000	-.024	-.042
	Produksi	.430	-.277	.089	-.817	-.024	1.000	-.400
	Lama	-.070	-.380	.171	.249	-.042	-.400	1.000
	Harga	-.121	.058	-.433	.587	.164	-.470	.210

Correlation Matrix

		Harga
Step 1	Constant	-.121
	Umur	.058
	Pendidikan	-.433
	Modal	.587
	Jumlah	.164
	Produksi	-.470
	Lama	.210
	Harga	1.000

```
            Step number: 1

            Observed Groups and Predicted Probabilities

      32 +                                                  +
         I                                                  I
         I                                                  I
F        I                                                  I
R     24 +                                                 2+
E        I                                                 2I
```

```
Q        I
                              2I
U        I
                              2I
E     16 +
                              2+
N        I
                              2I
C        I
                              2I
Y        I
                              2I
       8 +
                              2+
         I
                             22I
         I
                       2   2222I
         I                                  1                1   2      2  1 221
       2    2 2 212   2 2222 1222I
Predicted ---------+---------+---------+---------+---------+---------+-------
--+---------+---------+----------
  Prob:   0       ,1        ,2        ,3        ,4        ,5        ,6
 ,7        ,8        ,9         1
  Group:  11111111111111111111111111111111111111111111111112222222222222222
22222222222222222222222222222222
```

Predicted Probability is of Membership for Termotivasi
The Cut Value is ,50
Symbols: 1 - Tidak Termotivasi
2 - Termotivasi
Each Symbol Represents 2 Cases.

Casewise List[b]

Case	Selected Status[a]	Observed	Predicted	Predicted Group	Temporary Variable	
		Motivasi			Resid	ZResid
21	S	1**	.969	2	-.969	-5.634
41	S	1**	.843	2	-.843	-2.320
50	S	1	.485	1	-.485	-.970

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

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