

## Logistic Regression

**Case Processing Summary**

Unweighted Cases <sup>a</sup>		N	Percent
Selected Cases	Included in Analysis	115	100.0
	Missing Cases	0	.0
	Total	115	100.0
Unselected Cases		0	.0
	Total	115	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 tepat waktu	0
tepat waktu	1

## Block 0: Beginning Block

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

Iteration	-2 Log likelihood	Coefficients
		Constant
1	148.362	1.165
Step 0	2	147.812
	3	147.811
	4	147.811

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 147.811

c. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

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

	Observed		Predicted		
			ketepatan waktu		Percentage Correct
			tidak tepat waktu	tepat waktu	
Step 0	ketepatan waktu	tidak tepat waktu	0	24	.0
		tepat waktu	0	91	100.0
Overall Percentage					79.1

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	1.333	.229	33.736	1	.000	3.792

**Variables not in the Equation**

	Score	df	Sig.	
Step 0 Variables	profitabilitas	.250	1	.617
	umur	.003	1	.957
	ukuran	.696	1	.404
	publik	3.912	1	.048
Overall Statistics	4.662	4	.324	

**Block 1: Method = Enter****Iteration History<sup>a,b,c,d</sup>**

Iteration	-2 Log likelihood	Coefficients				
		Constant	profitabilitas	umur	ukuran	publik
1	104.486	-.397	.003	.003	.024	.019
2	103.238	-.931	.005	.002	.037	.027
Step 1 3	103.221	-1.031	.006	.001	.040	.028
4	103.221	-1.033	.006	.001	.040	.028
5	103.221	-1.033	.006	.001	.040	.028

a. Method: Enter

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 117.811

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	14.590	4	.032
Step 1 Block	14.590	4	.032
Model	14.590	4	.032

**Model Summary**

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	113.221 <sup>a</sup>	.639	.661

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	6.096	8	.610

**Contingency Table for Hosmer and Lemeshow Test**

	ketepatan waktu = tidak tepat waktu		ketepatan waktu = tepat waktu		Total
	Observed	Expected	Observed	Expected	
1	3	4.479	9	7.521	12
2	4	3.673	8	8.327	12
3	1	3.134	11	8.866	12
4	6	2.701	6	9.299	12
Step 1 5	4	2.360	8	9.640	12
6	5	1.955	7	10.045	12
7	0	1.776	12	10.224	12
8	0	1.673	12	10.327	12
9	1	1.555	11	10.445	12
10	0	.693	7	6.307	7

Classification Table<sup>a</sup>

	Observed		Predicted		
			ketepatan waktu		Percentage Correct
			tidak tepat waktu	tepat waktu	
Step 1	ketepatan waktu	tidak tepat waktu	0	24	.0
		tepat waktu	0	91	100.0
	Overall Percentage				79.1

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>	profitabilitas	.006	.008	.502	1	.009	1.006	.990	1.022
	umur	.001	.033	.002	1	.009	1.001	.938	1.068
	ukuran	.040	.106	.142	1	.007	1.041	.845	1.282
	publik	.028	.015	3.487	1	.002	1.028	.999	1.059
	Constant	-1.033	3.372	.094	1	.009	.356		

a. Variable(s) entered on step 1: profitabilitas, umur, ukuran, publik.

**Descriptive Statistics**

	N	Minimum	Maximum	Mean	Std. Deviation
profitabilitas	115	1.68	269.10	29.6817	36.81511
umur perusahaan	115	2.00	32.00	15.3913	6.93794
ukuran perusahaan	115	22.00	36.25	31.7780	2.31008
kepemilikan publik	115	5.00	60.00	34.8357	15.95665
ketepatan waktu	115	.00	1.00	.7913	.40815
Valid N (listwise)	115				

**ketepatan waktu**

	Frequency	Percent	Valid Percent	Cumulative Percent
tidak tepat waktu	24	20.9	20.9	20.9
Valid tepat waktu	91	79.1	79.1	100.0
Total	115	100.0	100.0	

**perusahaan \* ketepatan waktu Crosstabulation**

Count

		ketepatan waktu		Total
		tidak tepat waktu	tepat waktu	
perusahaan	2010	5	18	23
	2011	5	18	23
	2012	4	19	23
	2013	6	17	23
	2014	4	19	23
Total		24	91	115