

LAMPIRAN

No	Kode	Nama Perusahaan	Tahun			
			2011	2012	2013	2014
1	ASII	Astra Internasional Tbk.	✓	✓	✓	✓
2	AUTO	Astra Otoparts Tbk.	✓	✓	✓	✓
3	GJTL	Gajah Tunggal Tbk.	✓	✓	✓	✓
4	GDYR	Goodyear Indonesia Tbk.	✓	✓	✓	✓
5	BRAM	Indo Kordsa Tbk.	✓	✓	✓	✓
6	IMAS	Indo Mobil Sukses Internasional Tbk.	✓	✓	✓	✓
7	INDS	Indospring Tbk.	✓	✓	✓	✓
8	LPIN	Multi Prima Sejahtera Tbk.	✓	✓	✓	✓
9	MASA	Multistrada Arah Sarana Tbk.	✓	✓	✓	✓
10	NPS	Nipress Tbk.	✓	✓	✓	✓
11	PRAS	Prima Alloy Steel Tbk.	✓	✓	✓	✓
12	SMSM	Selamat Sempurna Tbk.	✓	✓	✓	✓
		Jumlah	12	12	12	12
			Total Populasi Perusahaan Otomotif 2011-2014			
			= 48 Perusahaan			

Sumber : Bursa Efek Indonesia (BEI)

Kode	Nama Perusahaan	2011	2012	2013	2014	2011	2012	2013	2014
ASII	Astra Internasional Tbk.	0,342	0,030	0,588	0,054	1	1	1	1
AUTO	Astra Otoparts Tbk.	0,032	0,089	0,593	0,152	1	1	1	1
GJTL	Gajah Tunggal Tbk.	2,798	0,107	0,328	0,039	0	1	1	1
GDYR	Goodyear Indonesia Tbk.	0,169	0,007	1,520	5,368	1	1	0	0
BRAM	Indo Kordsa Tbk.	0,340	3,021	0,548	1,175	1	0	1	0
IMAS	Indo Mobil Sukses Internasional Tbk.	0,198	0,427	1,441	0,069	1	1	0	1
INDS	Indospring Tbk.	-0,015	-0,020	-1,706	-0,241	1	1	1	1
LPIN	Multi Prima Sejahtera Tbk.	-0,126	-0,895	-34,020	-1,080	1	1	1	1
MASA	Multistrada Arah Sarana Tbk.	19,587	0,048	0,071	0,035	0	1	1	1
NPS	Nipress Tbk.	0,077	0,072	0,163	0,047	1	1	1	1
PRAS	Prima Alloy Steel Tbk.	-2,411	-0,297	-0,141	-0,049	1	1	1	1
SMSM	Selamat Sempurna Tbk.	-0,352	-0,142	-7,358	-0,040	1	1	1	1

PERHITUNGAN INDEKS ECKEL

PERHITUNGAN DATA SAMPEL

TAHUN	KODE	PERUSAHAAN	Ukuran Prusahaan	Profitabilitas	Financial Leverage	Perataan laba
2011	ASII	Astra Internasional Tbk.	32,665	1,020	1,030	1
	AUTO	Astra Otoparts Tbk.	29,572	0,380	0,470	1
	GJTL	Gajah Tunggal Tbk.	30,078	1,940	1,610	0
	GDYR	Goodyear Indonesia Tbk.	27,802	1,760	1,770	1
	BRAM	Indo Kordsa Tbk.	28,138	0,260	0,380	1
	IMAS	Indo Mobil Sukses Internasional Tbk.	30,189	4,990	1,540	1
	INDS	Indospring Tbk.	27,762	2,390	0,800	1
	LPIN	Multi Prima Sejahtera Tbk.	25,782	0,410	0,330	1
	MASA	Multistrada Arah Sarana Tbk.	29,186	0,870	1,680	0
	NPS	Nipress Tbk.	26,825	1,280	1,690	1
	PRAS	Prima Alloy Steel Tbk.	26,901	2,330	2,450	1
	SMSM	Selamat Sempurna Tbk.	27,759	0,960	0,700	1
	2012	ASII	Astra Internasional Tbk.	32,837	1,030	1,020
AUTO		Astra Otoparts Tbk.	29,815	0,470	0,620	1
GJTL		Gajah Tunggal Tbk.	30,186	1,610	1,350	1
GDYR		Goodyear Indonesia Tbk.	27,812	1,770	1,350	1
BRAM		Indo Kordsa Tbk.	28,430	0,380	0,360	0
IMAS		Indo Mobil Sukses Internasional Tbk.	30,498	1,540	2,080	1
INDS		Indospring Tbk.	28,141	0,800	0,460	1
LPIN		Multi Prima Sejahtera Tbk.	25,872	0,330	0,280	1
MASA		Multistrada Arah Sarana Tbk.	29,429	1,680	0,680	1
NPS		Nipress Tbk.	26,988	1,690	1,450	1
PRAS		Prima Alloy Steel Tbk.	27,082	2,450	1,060	1
SMSM		Selamat Sempurna Tbk.	27,996	0,700	0,760	1
2013		ASII	Astra Internasional Tbk.	32,997	1,020	1,010
	AUTO	Astra Otoparts Tbk.	30,166	0,620	0,320	1
	GJTL	Gajah Tunggal Tbk.	30,308	1,350	1,520	1
	GDYR	Goodyear Indonesia Tbk.	27,892	1,350	1,000	0

	BRAM	Indo Kordsa Tbk.	28,650	0,360	0,460	1
	IMAS	Indo Mobil Sukses Internasional Tbk.	30,660	2,080	2,290	0
	INDS	Indospring Tbk.	28,141	0,460	0,270	1
	LPIN	Multi Prima Sejahtera Tbk.	25,923	0,280	0,250	1
	MASA	Multistrada Arah Sarana Tbk.	29,610	0,680	0,660	1
	NPS	Nipress Tbk.	27,294	1,450	2,060	1
	PRAS	Prima Alloy Steel Tbk.	27,253	1,060	1,080	1
	SMSM	Selamat Sempurna Tbk.	28,104	0,760	0,600	1
2014	ASII	Astra Internasional Tbk.	33,123	1,010	0,960	1
	AUTO	Astra Otoparts Tbk.	30,297	0,320	0,420	1
	GJTL	Gajah Tunggal Tbk.	30,406	1,520	1,680	1
	GDYR	Goodyear Indonesia Tbk.	28,076	1,000	1,170	0
	BRAM	Indo Kordsa Tbk.	28,975	0,460	0,730	0
	IMAS	Indo Mobil Sukses Internasional Tbk.	30,787	2,290	2,490	1
	INDS	Indospring Tbk.	28,456	0,270	0,250	1
	LPIN	Multi Prima Sejahtera Tbk.	25,947	0,250	0,330	1
	MASA	Multistrada Arah Sarana Tbk.	29,682	0,660	0,670	1
	NPS	Nipress Tbk.	27,819	2,060	1,100	1
	PRAS	Prima Alloy Steel Tbk.	27,883	1,080	0,880	1
	SMSM	Selamat Sempurna Tbk.	28,190	0,600	0,530	1

Logistic Regression

Case Processing Summary

Unweighted Cases ^a		N	Percent
Selected Cases	Included in Analysis	45	100,0
	Missing Cases	0	,0
	Total	45	100,0
Unselected Cases		0	,0
Total		45	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
		IPL			
		0	1		
Observed	0	0	5	,0	
	1	0	40	100,0	

Overall Percentage				88,9
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a. Constant is included in the model.

Variables in the Equation

	B	S.E.	Wald	df	Sig.	Exp(B)
Step 0 Constant	2,079	,474	19,218	1	,000	8,000

Variables not in the Equation

	Score	df	Sig.
Step 0 Variables UP	,328	1	,567
ROA	,317	1	,573
DER	,921	1	,337
Overall Statistics	3,475	3	,324

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

	Chi-square	df	Sig.
Step 1 Step	8,043	3	,045
Block	8,043	3	,045
Model	8,043	3	,045

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	23,352 ^a	,164	,326

a. Estimation terminated at iteration number 8 because parameter estimates changed by less than ,001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	6,555	7	,477

Contingency Table for Hosmer and Lemeshow Test

		IPL = 0		IPL = 1		Total
		Observed	Expected	Observed	Expected	
Step 1	1	2	2,288	3	2,712	5
	2	1	,858	4	4,142	5
	3	0	,617	5	4,383	5
	4	2	,501	3	4,499	5
	5	0	,377	5	4,623	5
	6	0	,195	5	4,805	5
	7	0	,118	5	4,882	5
	8	0	,045	5	4,955	5
	9	0	,000	5	5,000	5

Classification Table^a

	Observed	Predicted		
		IPL		Percentage Correct
		0	1	
Step 1	IPL 0	1	4	20,0
	1	0	40	100,0
	Overall Percentage			91,1

a. The cut value is ,500

Variables in the Equation

	B	S.E.	Wald	df	Sig.	Exp(B)	
Step 1 ^a	UP	-,213	,307	,481	1	,488	,808
	ROA	6,104	3,154	3,745	1	,053	447,643
	DER	-5,300	2,494	4,515	1	,034	,005
	Constant	8,134	8,900	,835	1	,361	3410,006

a. Variable(s) entered on step 1: UP, ROA, DER.

Casewise List^b

Case	Selected Status ^a	Observed	Predicted	Predicted Group	Temporary Variable	
		IPL			Resid	ZResid
2	S	0**	,840	1	-,840	-2,291
27	S	0**	,896	1	-,896	-2,940
37	S	0**	,886	1	-,886	-2,789

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

b. Cases with studentized residuals greater than 2,000 are listed.

Regression

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	DER, UP, ROA ^b	.	Enter

a. Dependent Variable: IPL

b. All requested variables entered.

Coefficients^a

Model		Collinearity Statistics	
		Tolerance	VIF
1	(Constant)		
	UP	,961	1,040
	ROA	,581	1,720
	DER	,567	1,763

a. Dependent Variable: IPL

Collinearity Diagnostics^a

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions			
				(Constant)	UP	ROA	DER
1	1	3,601	1,000	,00	,00	,01	,01
	2	,290	3,523	,00	,00	,29	,07
	3	,107	5,800	,00	,00	,70	,90

4	,002	42,086	1,00	1,00	,00	,02
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a. Dependent Variable: IPL