

## Model 1 Tahun

### Logistic Regression

#### Case Processing Summary

Unweighted Cases <sup>a</sup>		N	Percent
Selected Cases	Included in Analysis	294	100.0
	Missing Cases	0	.0
	Total	294	100.0
Unselected Cases		0	.0
Total		294	100.0

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

#### Dependent Variable Encoding

Original Value	Internal Value
Pertumbuhan negatif	0
Pertumbuhan positif	1

### Block 0: Beginning Block

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

Iteration		-2 Log likelihood	Coefficients
			Constant
Step 1		405.923	-.150
0	2	405.923	-.150

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 405.923

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

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

Observed		Predicted			
		PERTUMBUHAN		Percentage Correct	
		Pertumbuhan negatif	Pertumbuhan positif		
Step 0	PERTUMBUHAN	Pertumbuhan negatif	158	0	100.0
		Pertumbuhan positif	136	0	.0
Overall Percentage					53.7

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	-.150	.117	1.643	1	.200	.861

**Variables not in the Equation**

Step	Variables	Score	df	Sig.
0	OIS	.496	1	.481
	OAI	.891	1	.345
	QITL	1.882	1	.170
	CLNW	.811	1	.368
	SFA	1.550	1	.213
Overall Statistics		4.653	5	.460

**Block 1: Method = Enter**

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

Iteration	-2 Log likelihood	Coefficients						
		Constant	OIS	OAI	QITL	CLNW	SFA	
Step 1	1	400.698	-.155	.159	.006	.004	.002	-.002
	2	399.935	-.155	.159	.007	.008	.003	-.003
	3	399.653	-.154	.157	.007	.013	.004	-.003
	4	399.413	-.156	.154	.007	.022	.004	-.003
	5	398.695	-.171	.140	.007	.070	.004	-.004
	6	398.516	-.182	.128	.007	.109	.004	-.004
	7	398.516	-.182	.127	.007	.111	.004	-.004
	8	398.516	-.182	.127	.007	.111	.004	-.004

a. Method: Enter

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 405.923

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

**Omnibus Tests of Model Coefficients**

	Chi-square	df	Sig.
Step 1 Step	7.407	5	.192
Block	7.407	5	.192
Model	7.407	5	.192

**Model Summary**

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	398.516 <sup>a</sup>	.025	.033

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	13.960	8	.083

**Contingency Table for Hosmer and Lemeshow Test**

		PERTUMBUHAN = Pertumbuhan negatif		PERTUMBUHAN = Pertumbuhan positif		Total
		Observed	Expected	Observed	Expected	
Step 1	1	18	18.640	11	10.360	29
	2	13	16.136	16	12.864	29
	3	22	15.901	7	13.099	29
	4	10	15.791	19	13.209	29
	5	17	15.715	12	13.285	29
	6	19	15.645	10	13.355	29
	7	16	15.555	13	13.445	29
	8	13	15.396	16	13.604	29
	9	15	14.968	14	14.032	29
	10	15	14.253	18	18.747	33

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

Observed	PERTUMBUHAN	Predicted		Percentage Correct
		Pertumbuhan negatif	Pertumbuhan positif	
Step 1	Pertumbuhan negatif	143	15	90.5
	Pertumbuhan positif	118	18	13.2
Overall Percentage				54.8

a. The cut value is .500

**Variables in the Equation**

Step	Variable	B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I. for EXP(B)	
								Lower	Upper
Step 1	OIS	.127	.268	.226	1	.635	1.136	.671	1.921
	OAI	.007	.009	.659	1	.417	1.007	.990	1.025
	QITL	.111	.099	1.269	1	.260	1.117	.921	1.356
	CLNW	.004	.006	.471	1	.493	1.004	.992	1.016
	SFA	-.004	.005	.531	1	.466	.996	.986	1.006
	Constant	-.182	.133	1.883	1	.170	.833		

a. Variable(s) entered on step 1: OIS, OAI, QITL, CLNW, SFA.

**Correlation Matrix**

		Constant	OIS	OAI	QITL	CLNW	SFA
Step 1	Constant	1.000	-.105	-.274	-.207	-.005	-.251
	OIS	-.105	1.000	-.002	-.111	-.015	.014
	OAI	-.274	-.002	1.000	-.021	-.002	.009
	QITL	-.207	-.111	-.021	1.000	.009	-.073
	CLNW	-.005	-.015	-.002	.009	1.000	-.028
	SFA	-.251	.014	.009	-.073	-.028	1.000



## Model 2 Tahun

### Logistic Regression

#### Case Processing Summary

Unweighted Cases <sup>a</sup>		N	Percent
Selected Cases	Included in Analysis	147	100.0
	Missing Cases	0	.0
	Total	147	100.0
Unselected Cases		0	.0
Total		147	100.0

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

#### Dependent Variable Encoding

Original Value	Internal Value
Pertumbuhan negatif	0
Pertumbuhan positif	1

### Block 0: Beginning Block

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

Iteration	-2 Log likelihood	Coefficients	
		Constant	
Step 1	201.323	.259	
0 2	201.323	.260	
3	201.323	.260	

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 201.323

c. Estimation terminated at iteration number 3 because parameter estimates changed by less than .001.

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

Observed		Predicted			
		PERTUMBUHAN		Percentage Correct	
		Pertumbuhan negatif	Pertumbuhan positif		
Step 0	PERTUMBUHAN	Pertumbuhan negatif	0	64	.0
		Pertumbuhan positif	0	83	100.0
Overall Percentage					56.5

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	.260	.166	2.442	1	.118	1.297

### Variables not in the Equation

Step	Variables	QIS	Score	df	Sig.
0		QIS	1.989	1	.158
		OAI	.867	1	.352
		QITL	1.314	1	.252
		CLNW	.618	1	.432
		SFA	.582	1	.445
Overall Statistics			5.530	5	.355

### Block 1: Method = Enter

#### Iteration History<sup>a,b,c,d</sup>

Iteration	-2 Log likelihood	Coefficients					
		Constant	QIS	OAI	QITL	CLNW	SFA
Step 1	195.349	.061	.627	.020	.023	.012	.012
1	2	.033	.882	.021	.029	.014	.014
	3	.029	.933	.021	.031	.014	.014
	4	.029	.933	.021	.033	.014	.014
	5	.029	.932	.021	.034	.014	.014

a. Method: Enter

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 201.323

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 1 Step	6.405	5	.269
Block	6.405	5	.269
Model	6.405	5	.269

### Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	194.918 <sup>a</sup>	.043	.057

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	6.281	8	.616

**Contingency Table for Hosmer and Lemeshow Test**

		PERTUMBUHAN = Pertumbuhan negatif		PERTUMBUHAN = Pertumbuhan positif		Total
		Observed	Expected	Observed	Expected	
Step 1	1	7	8.638	8	6.362	15
	2	9	7.345	6	7.655	15
	3	7	7.119	8	7.881	15
	4	7	6.974	8	8.026	15
	5	8	6.805	7	8.195	15
	6	4	6.600	11	8.400	15
	7	7	6.374	8	8.626	15
	8	5	6.052	10	8.948	15
	9	8	5.400	7	9.600	15
	10	2	2.693	10	9.307	12

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

Observed	PERTUMBUHAN	Predicted		
		PERTUMBUHAN		Percentage Correct
		Pertumbuhan negatif	Pertumbuhan positif	
Step 1	Pertumbuhan negatif	6	58	9.4
	Pertumbuhan positif	6	77	92.8
Overall Percentage				56.5

a. The cut value is .500

**Variables in the Equation**

Step	Variable	B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I. for EXP(B)	
								Lower	Upper
Step 1	QIS	.932	.766	1.480	1	.224	2.541	.566	11.409
	OAI	.021	.025	.688	1	.407	1.021	.972	1.073
	QITL	.034	.036	.860	1	.354	1.034	.963	1.110
	CLNW	.014	.020	.466	1	.495	1.014	.975	1.055
	SFA	.014	.015	.908	1	.341	1.014	.985	1.044
	Constant	.029	.216	.018	1	.893	1.029		

a. Variable(s) entered on step 1: QIS, OAI, QITL, CLNW, SFA.

**Correlation Matrix**

		Constant	QIS	OAI	QITL	CLNW	SFA
Step	Constant	1.000	-.247	-.363	-.248	.004	-.424
1	QIS	-.247	1.000	-.042	-.031	.004	.026
	OAI	-.363	-.042	1.000	-.027	-.002	-.015
	QITL	-.248	-.031	-.027	1.000	.003	.550
	CLNW	.004	.004	-.002	.003	1.000	-.008
	SFA	-.424	.026	-.015	.550	-.008	1.000

