

## LAMPIRAN A

### Out Put Klasifikasi Regresi Logistik Dengan Menggunakan Spss 17

#### Case Processing Summary

	N	Marginal Percentage
LPP .00	10	33.3%
1.00	20	66.7%
Valid	30	100.0%
Missing	0	
Total	30	
Subpopulation	30 <sup>a</sup>	

a. The dependent variable has only one value observed in 30 (100.0%) subpopulations.

#### Model Fitting Information

Model	Model Fitting Criteria	Likelihood Ratio Tests		
	-2 Log Likelihood	Chi-Square	df	Sig.
Intercept Only	38.191			
Final	27.056	11.135	4	.025

### Iteration History

Iteration	N Step- halving	-2 Log Likelihood	LPP				
			.00				
			Intercept	DR	fertilisasi	mortalitas	migrasi
0	0	38.191	-.693147	.000000	.000000	.000000	.000000
1	0	28.626	-.176692	-.836360	.003054	-.004628	-.152705
2	0	27.186	-.022256	-1.242126	.001517	-.001623	-.239511
3	0	27.058	.038601	-1.425250	.001320	-.001263	-.275451
4	0	27.056	.046676	-1.449847	.001357	-.001367	-.279827
5	0	27.056	.046804	-1.450212	.001358	-.001370	-.279886
6	0	27.056 <sup>a</sup>	.046804	-1.450212	.001358	-.001370	-.279886

a. The parameter estimates converge. Last absolute change in -2 Log Likelihood is .000, and last maximum absolute change in parameters is 7.58323E-008.

### Parameter Estimates

LPP <sup>a</sup>	B	Std. Error	Wald	df	Sig.	Exp(B)	95% Confidence Interval for Exp(B)	
							Lower Bound	Upper Bound
.00 Intercept	.047	.964	.002	1	.961			
DR	-1.450	1.149	1.594	1	.207	.235	.025	2.227
fertilisasi	.001	.010	.019	1	.890	1.001	.982	1.021
mortalitas	-.001	.026	.003	1	.958	.999	.949	1.051
migrasi	-.280	.125	5.034	1	.025	.756	.592	.965

a. The reference category is: 1.00.

### Classification

Observed	Predicted		
	.00	1.00	Percent Correct
.00	7	3	70.0%
1.00	0	20	100.0%
Overall Percentage	23.3%	76.7%	90.0%

## LAMPIRAN B

### Out Put Klasifikasi Jaringan Saraf Tiruan Dengan Menggunakan Spss 17

**Case Processing Summary**

		N	Percent
Sample	Training	19	63.3%
	Testing	11	36.7%
Valid		30	100.0%
Excluded		0	
Total		30	

**Network Information**

Input Layer	Covariates	1	DR
		2	fertilisasi
		3	mortalitas
		4	migrasi
		Number of Units <sup>a</sup>	4
Rescaling Method for Covariates			Standardized
Hidden Layer(s)	Number of Hidden Layers		1
	Number of Units in Hidden Layer 1 <sup>a</sup>		5
	Activation Function		Hyperbolic tangent
Output Layer	Dependent Variables	1	LPP
	Number of Units		1
	Rescaling Method for Scale Dependents		Normalized
	Activation Function		Sigmoid
Error Function			Sum of Squares

a. Excluding the bias unit

Lanjutan:

**Model Summary**

Training	Sum of Squares Error	.936
	Relative Error	.478
	Stopping Rule Used	1 consecutive step(s) with no decrease in error <sup>a</sup>
	Training Time	0:00:00.016
Testing	Sum of Squares Error	.081
	Relative Error	.215

Dependent Variable: LPP

a. Error computations are based on the testing sample.

**Parameter Estimates**

Predictor		Predicted					LPP	
		Hidden Layer 1						Output Layer
		H(1:1)	H(1:2)	H(1:3)	H(1:4)	H(1:5)		
Input Layer	(Bias)	-.103	.259	2.073	-.215	.285		
	DR	1.739	-1.004	.236	-.192	-1.424		
	fertilisasi	.169	-.109	-.861	.697	-.913		
	mortalitas	.249	.018	.360	.818	.272		
	migrasi	.930	-.838	3.072	-.407	-.141		
Hidden Layer 1	(Bias)						-.844	
	H(1:1)						-.110	
	H(1:2)						-.543	
	H(1:3)						2.436	
	H(1:4)						.044	
	H(1:5)						-.863	