

Lampiran 2 Output Regresi Logistik Biner

Logistic Regression

		Notes
Output Created		20-Sep-2019 12:17:27
Comments		
Input	Data	D:\##DATA\SKRIPSI.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	178
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing
Syntax		LOGISTIC REGRESSION VARIABLES ASI_eksklusif /METHOD=ENTER Jenis_kelamin Pendidikan_ibu Pendidikan_ayah Status_pekerjaan_ibu Status_pekerjaan_ayah Penghasilan_orangtua /CONTRAST (Penghasilan_orangtua)=Indicator /CONTRAST (Status_pekerjaan_ibu)=Indicator /CONTRAST (Jenis_kelamin)=Indicator /CONTRAST (Pendidikan_ibu)=Indicator /CONTRAST (Status_pekerjaan_ayah)=Indicator /CONTRAST (Pendidikan_ayah)=Indicator /CLASSPLOT /PRINT=GOODFIT CORR ITER(1) CI(95) /CRITERIA=PIN(0.05) POUT(0.10) ITERATE(20) CUT(0.5).
Resources	Processor Time	00:00:00.062
	Elapsed Time	00:00:00.049

[DataSet1] D:\##DATA\SKRIPSI.sav

Case Processing Summary

Unweighted Cases ^a		N	Percent
Selected Cases	Included in Analysis	178	100.0
	Missing Cases	0	.0
	Total	178	100.0
Unselected Cases		0	.0
Total		178	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 ASI eksklusif	0
ASI Eksklusif	1

Categorical Variables Codings

		Frequency	Parameter coding
			(1)
Penghasilan_orangtua	<= Rp.1.570.000	66	1.000
	> Rp. 1.570.000	112	.000
Pendidikan_ibu	Rendah	100	1.000
	Tinggi	78	.000
Pendidikan_ayah	Rendah	85	1.000
	Tinggi	93	.000
Status_pekerjaan_ibu	Tidak bekerja	101	1.000
	Bekerja	77	.000
Status_pekerjaan_ayah	Tidak bekerja	22	1.000
	Bekerja	156	.000
Jenis_kelamin	Laki-laki	77	1.000
	Perempuan	101	.000

Block 0: Beginning Block

Iteration History^{a,b,c}

Iteration	-2 Log likelihood	Coefficients	
		Constant	
Step 0	1	246.760	.000

- a. Constant is included in the model.
 b. Initial -2 Log Likelihood: 246.760
 c. Estimation terminated at iteration number 1 because parameter estimates changed by less than .001.

Classification Table^{a,b}

Observed		Predicted		
		ASI_eksklusif		Percentage Correct
		Tidak ASI eksklusif	ASI Eksklusif	
Step 0	ASI_eksklusif	0	89	.0
	Tidak ASI eksklusif	0	89	100.0
Overall Percentage				50.0

- 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	.000	.150	.000	1	1.000	1.000

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	Jenis_kelamin(1)	.572	1	.449
		Pendidikan_ibu(1)	.365	1	.546
		Pendidikan_ayah(1)	2.725	1	.099
		Status_pekerjaan_ibu(1)	1.122	1	.290
		Status_pekerjaan_ayah(1)	5.186	1	.023
		Penghasilan_orangtua(1)	9.632	1	.002
	Overall Statistics		26.953	6	.000

Block 1: Method = Enter

Iteration History^{a,b,c,d}

Iteration	-2 Log likelihood	Coefficients						
		Constant	Jenis_kelamin(1)	Pendidikan_ibu(1)	Pendidikan_ayah(1)	Status_Pekerjaan_ibu(1)	Status_pekerjaan_ayah(1)	Penghasilan_orangtua(1)
Step 1	218.178	.440	-.060	-.596	-.675	-.247	-1.492	1.530
2	217.638	.495	-.079	-.675	-.791	-.262	-1.762	1.758
3	217.636	.497	-.080	-.679	-.798	-.263	-1.780	1.771
4	217.636	.497	-.080	-.679	-.798	-.263	-1.780	1.771

a. Method: Enter

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 246.760

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

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	29.124	6	.000
	Block	29.124	6	.000
	Model	29.124	6	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	217.636 ^a	.151	.201

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

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	8.466	7	.293

Contingency Table for Hosmer and Lemeshow Test

	ASI_eksklusif = Tidak ASI eksklusif		ASI_eksklusif = ASI Eksklusif		Total
	Observed	Expected	Observed	Expected	
Step 1 1	13	12.649	2	2.351	15
2	13	12.983	4	4.017	17
3	15	12.296	4	6.704	19
4	8	10.148	9	6.852	17
5	7	11.118	14	9.882	21
6	8	8.434	12	11.566	20
7	13	9.570	12	15.430	25
8	7	6.097	10	10.903	17
9	5	5.706	22	21.294	27

Classification Table^a

Observed	Predicted			Percentage Correct
	ASI_eksklusif		Percentage Correct	
	Tidak ASI eksklusif	ASI Eksklusif		
Step 1 ASI_eksklusif	Tidak ASI eksklusif	55	34	61.8
	ASI Eksklusif	28	61	68.5
Overall Percentage				65.2

a. The cut value is .500

Variables in the Equation

	B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I. for EXP(B)	
							Lower	Upper
Step 1 ^a Jenis_kelamin(1)	-.080	.333	.058	1	.810	.923	.480	1.774
Pendidikan_ibu(1)	-.679	.365	3.459	1	.063	.507	.248	1.037
Pendidikan_ayah(1)	-.798	.365	4.778	1	.029	.450	.220	.921
Status_pekerjaan_ibu(1)	-.263	.374	.494	1	.482	.769	.370	1.600
Status_pekerjaan_ayah(1)	-1.780	.638	7.774	1	.005	.169	.048	.589
Penghasilan_orangtua(1)	1.771	.412	18.442	1	.000	5.878	2.619	13.193
Constant	.497	.353	1.980	1	.159	1.644		

a. Variable(s) entered on step 1: Jenis_kelamin, Pendidikan_ibu, Pendidikan_ayah, Status_pekerjaan_ibu, Status_pekerjaan_ayah, Penghasilan_orangtua.

Correlation Matrix

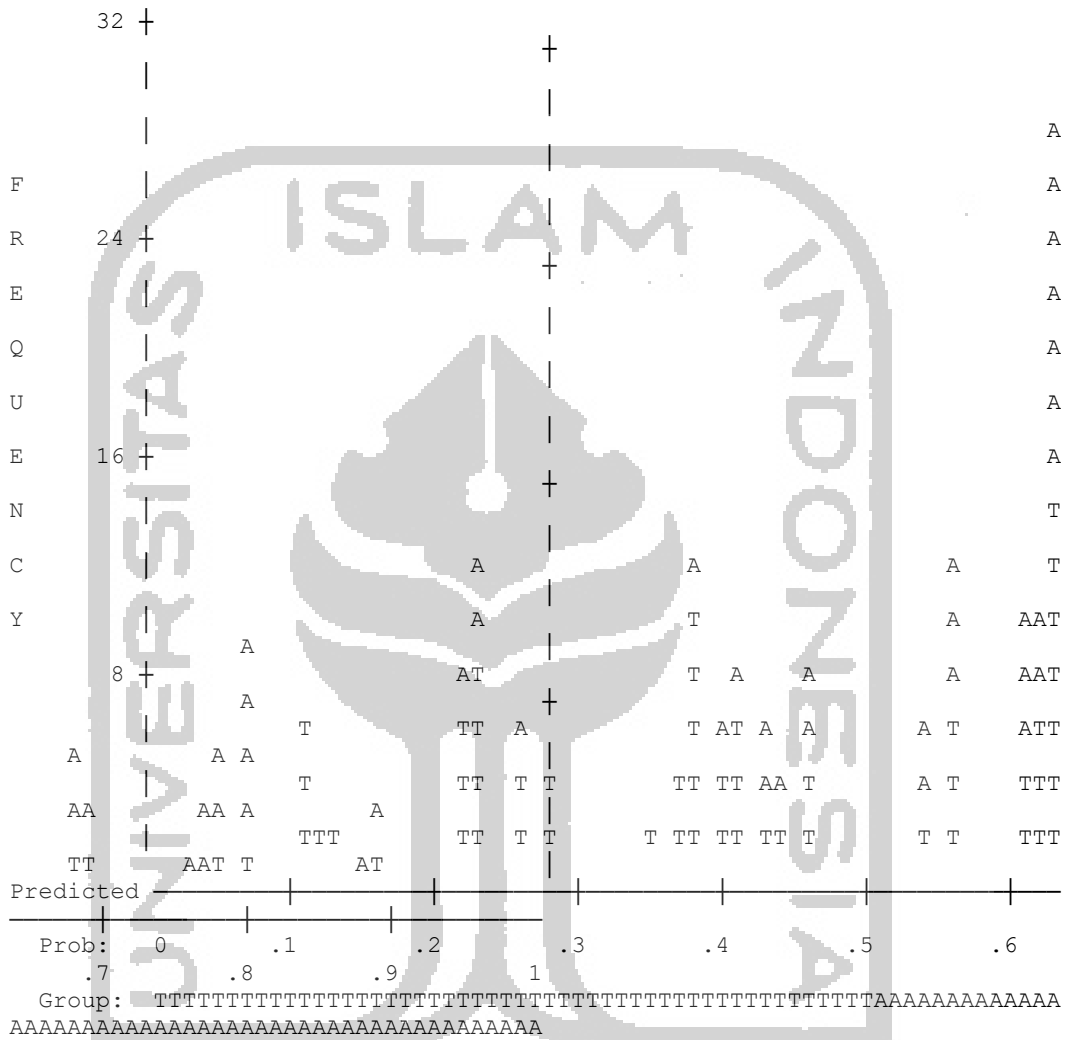
	Constant	Jenis_Kelamin (1)	Pendidikan_Ibu (1)	Pendidikan_ayah(1)	Status_pekerjaan_ibu (1)	Status_Pekerjaan_ayah(1)	Penghasilan_orangtua (1)
Step Constant 1	1.000	-.342	-.339	-.268	-.514	-.321	.091
Jenis_kelamin(1)	-.342	1.000	-.097	-.008	.028	-.112	-.007
Pendidikan_ibu(1)	-.339	-.097	1.000	-.101	-.139	.227	-.258
Pendidikan_ayah(1)	-.268	-.008	-.101	1.000	.025	-.092	-.350
Status_pekerjaan_ibu(1)	-.514	.028	-.139	.025	1.000	.388	-.221
Status_pekerjaan_ayah(1)	-.321	-.112	.227	-.092	.388	1.000	-.323
Penghasilan_orangtua(1)	.091	-.007	-.258	-.350	-.221	-.323	1.000



UNIVERSITAS ISLAM INDONESIA

Step number: 1

Observed Groups and Predicted Probabilities



Predicted Probability is of Membership for ASI Eksklusif
The Cut Value is .50
Symbols: T - Tidak ASI eksklusif
A - ASI Eksklusif
Each Symbol Represents 2 Cases.