```
LOGISTIC REGRESSION VARIABLES PAH
  /METHOD=ENTER ABCE1 ADRA2A ATF2 BCLAF1 TMF1 CYCS DDX18 FGA LDHA MAP7 MAPK6 NRAS NRIP1 PEX5 PP
  /CLASSPLOT
  /CASEWISE OUTLIER(2)
  /PRINT=GOODFIT SUMMARY CI(95)
  /CRITERIA=PIN(0.05) POUT(0.10) ITERATE(20) CUT(0.5).
```

Logistic Regression

Notes

Output Created		14-AUG-2014 15:39:18
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	146
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing
Syntax		LOGISTIC REGRESSION VARIABLES PAH /METHOD=ENTER ABCE1 ADRA2A ATF2 BCLAF1 TMF1 CYCS DDX18 FGA LDHA MAP7 MAPK6 NRAS NRIP1 PEX5 PPP1CC PTGS1 CD40 GP1BA HAAO /CLASSPLOT /CASEWISE OUTLIER(2) /PRINT=GOODFIT SUMMARY CI(95) /CRITERIA=PIN(0.05) POUT(0.10) ITERATE(20) CUT(0.5).
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.03

[DataSet1]

Case Processing Summary

Unweighted Cases[a]		N	Percent
Selected Cases	Included in Analysis	146	100.0
	Missing Cases	0	.0
	Total	146	100.0
Unselected Cases		0	.0
Total		146	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]

Observed			Predicted		
			PAH		Percentage Correct
			0	1	
Step 0	PAH	0	0	72	.0
		1	0	74	100.0
	Overall Percentage				50.7

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	.027	.166	.027	1	.869	1.028

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	ABCE1	17.384	1	.000
		ADRA2A	8.178	1	.004
		ATF2	41.701	1	.000
		BCLAF1	18.850	1	.000
		TMF1	15.575	1	.000
		CYCS	19.482	1	.000
		DDX18	21.105	1	.000
		FGA	14.710	1	.000
		LDHA	29.794	1	.000
		MAP7	11.638	1	.001
		MAPK6	30.840	1	.000
		NRAS	21.360	1	.000
		NRIP1	18.961	1	.000
		PEX5	15.553	1	.000
		PPP1CC	28.888	1	.000
		PTGS1	.667	1	.414
		CD40	1.009	1	.315
		GP1BA	1.440	1	.230
		HAAO	.318	1	.573
	Overall Statistics		69.826	19	.000

Block 1: Method = Enter

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	100.593	19	.000
	Block	100.593	19	.000
	Model	100.593	19	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	101.779[a]	.498	.664

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	16.808	5	.005

Contingency Table for Hosmer and Lemeshow Test

		PAH = 0		PAH = 1		
		Observed	Expected	Observed	Expected	Total
Step 1	1	15	14.997	0	.003	15
	2	14	14.920	1	.080	15
	3	13	13.980	2	1.020	15
	4	12	9.750	3	5.250	15
	5	18	15.690	31	33.310	49
	6	0	2.523	15	12.477	15
	7	0	.139	22	21.861	22

Classification Table[a]

			Predicted		
			PAH		Percentage Correct
	Observed		0	1	
Step 1	PAH	0	54	18	75.0
		1	4	70	94.6
	Overall Percentage				84.9

a. The cut value is .500

Variables in the Equation

								95% C.I...
		B	S.E.	Wald	df	Sig.	Exp(B)	Lower
Step 1[a]	ABCE1	-2.220	1.984	1.252	1	.263	.109	.002
	ADRA2A	.279	.769	.132	1	.716	1.322	.293
	ATF2	-3.992	1.299	9.448	1	.002	.018	.001
	BCLAF1	-.678	.580	1.366	1	.242	.508	.163
	TMF1	.966	.977	.977	1	.323	2.626	.387
	CYCS	1.374	1.786	.592	1	.442	3.952	.119
	DDX18	-.316	1.277	.061	1	.805	.729	.060
	FGA	-1.253	.811	2.388	1	.122	.286	.058
	LDHA	-1.117	.979	1.300	1	.254	.327	.048
	MAP7	3.618	1.942	3.472	1	.062	37.258	.829
	MAPK6	-.738	1.229	.361	1	.548	.478	.043
	NRAS	-3.094	1.743	3.152	1	.076	.045	.001
	NRIP1	3.371	2.249	2.247	1	.134	29.097	.355
	PEX5	.504	1.661	.092	1	.762	1.655	.064
	PPP1CC	-1.887	1.577	1.433	1	.231	.152	.007
	PTGS1	2.118	1.167	3.292	1	.070	8.311	.844
	CD40	.966	.783	1.524	1	.217	2.629	.567
	GP1BA	.507	1.001	.256	1	.613	1.660	.233

Variables in the Equation

		95% C.I....
		Upper
Step 1[a]	ABCE1	5.304
	ADRA2A	5.972
	ATF2	.235
	BCLAF1	1.582
	TMF1	17.825
	CYCS	130.831
	DDX18	8.916
	FGA	1.400
	LDHA	2.231
	MAP7	1674.679
	MAPK6	5.314
	NRAS	1.380
	NRIP1	2388.161
	PEX5	42.914
	PPP1CC	3.330
	PTGS1	81.863
	CD40	12.196
	GP1BA	11.816

Variables in the Equation

								95% C.I....
		B	S.E.	Wald	df	Sig.	Exp(B)	Lower
	HAAO	.762	.738	1.067	1	.302	2.142	.505
	Constant	.753	.297	6.430	1	.011	2.123	

Variables in the Equation

		95% C.I....
		Upper
	HAAO	9.091
	Constant	

a. Variable(s) entered on step 1: ABCE1, ADRA2A, ATF2, BCLAF1, TMF1, CYCS, DDX18, FGA, LDHA, MAP7, MAPK6, NRAS, NRIP1, PEX5, PPP1CC, PTGS1, CD40, GP1BA, HAAO.

Step number: 1

Observed Groups and Predicted Probabilities

```
      80 +
                                    +
         I
                                    I
         I
                                    I
F        I
                                    I
R     60 +
                                    +
E        I
                                    I
Q        I
1                                   I
U        I
1                                   I
E     40 +
1                                   +
N        I
1                                   I
C        I0
1                                   I
Y        I0
1                                   I
      20 +0
0                                   +
         I0
0                                  1I
         I0
0                                  1I
         I0 000                          0
0                               1  1I
Predicted ---------+---------+---------+---------+---------+---------+-------
--+---------+---------+----------
  Prob:   0        .1        .2        .3        .4        .5        .6
 .7        .8        .9        1
  Group:  000000000000000000000000000000000000000000000000011111111111111111
111111111111111111111111111111111

          Predicted Probability is of Membership for 1
          The Cut Value is .50
```

```
Symbols: 0 - 0
         1 - 1
Each Symbol Represents 5 Cases.
```

Casewise List[b]

Case	Selected Status[a]	Observed PAH	Predicted	Predicted Group	Temporary Variable Resid	Temporary Variable ZResid
7	S	1	.732	1	.268	.605
89	S	1**	.117	0	.883	2.752
93	S	1**	.019	0	.981	7.230
141	S	1**	.095	0	.905	3.082
143	S	1	.649	1	.351	.735

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

b. Cases with studentized residuals greater than 2.000 are listed.