

Frequencies

Statistics

CRECEIVE

N	Valid	2000
	Missing	0
Mean		3.18
Median		2.00
Std. Deviation		4.309
Range		111
Minimum		1
Maximum		112

Logistic Regression

Case Processing Summary

Unweighted Cases ^a		N	Percent
Selected Cases	Included in Analysis	1962	98.1
	Missing Cases	38	1.9
	Total	2000	100.0
Unselected Cases		0	.0
Total		2000	100.0

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

Dependent Variable Encoding

Original Value	Internal Value
1.00	0
2.00	1

Block 0: Beginning Block

Iteration History^{a,b,c}

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	2623.135	-.442
	2	2623.109	-.450
	3	2623.109	-.450

- a. Constant is included in the model.
- b. Initial -2 Log Likelihood: 2623.109
- c. Estimation terminated at iteration number 3 because parameter estimates changed by less than .001.

Classification Table^{a,b}

Observed			Predicted		Percentage Correct
			CRECBINARY 1.00	2.00	
Step 0	CRECBINARY	1.00	1198	0	100.0
		2.00	764	0	.0
	Overall Percentage				61.1

- 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	-.450	.046	94.399	1	.000	.638

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	CLAIMS	12.745	1	.000
		GYEAR	181.722	1	.000
		GENERAL	581.334	1	.000
		ORIGINAL	1.814	1	.178
	Overall Statistics		656.563	4	.000

Block 1: Method = Enter

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

Iteration		-2 Log likelihood	Constant	CLAIMS	Coefficients		
					GYEAR	GENERAL	ORIGINAL
Step 1	1	1940.456	666.380	.010	-.334	3.807	-.418
	2	1907.566	988.799	.014	-.496	4.609	-.593
	3	1906.867	1052.933	.015	-.528	4.730	-.626
	4	1906.867	1054.769	.015	-.529	4.733	-.627
	5	1906.867	1054.771	.015	-.529	4.733	-.627
	6	1906.867	1054.771	.015	-.529	4.733	-.627

a. Method: Enter

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 2623.109

d. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	716.242	4	.000
	Block	716.242	4	.000
	Model	716.242	4	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	1906.867 ^a	.306	.415

a. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	23.671	8	.003

Contingency Table for Hosmer and Lemeshow Test

		CRECBINARY = 1.00		CRECBINARY = 2.00		Total
		Observed	Expected	Observed	Expected	
Step 1	1	183	181.295	13	14.705	196
	2	177	175.199	19	20.801	196
	3	177	168.176	19	27.824	196
	4	158	159.520	38	36.480	196
	5	149	148.155	47	47.845	196
	6	130	133.784	66	62.216	196
	7	74	100.801	122	95.199	196
	8	70	64.895	126	131.105	196
	9	55	43.237	141	152.763	196
	10	25	22.938	173	175.062	198

Classification Table^a

			Predicted		Percentage Correct
			CRECBINARY 1.00	2.00	
Step 1	Observed				
	CRECBINARY	1.00	1018	180	85.0
		2.00	261	503	65.8
Overall Percentage					77.5

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.... Lower
Step 1 ^a	CLAIMS	.015	.005	10.124	1	.001	1.015	1.006
	GYEAR	-.529	.057	86.717	1	.000	.589	.527
	GENERAL	4.733	.235	407.101	1	.000	113.641	71.756
	ORIGINAL	-.627	.213	8.651	1	.003	.534	.352
	Constant	1054.771	113.408	86.502	1	.000	.	

Variables in the Equation

		95% C.I. for ..
		Upper
Step 1 ^a	CLAIMS	1.024
	GYEAR	.659
	GENERAL	179.973
	ORIGINAL	.811
	Constant	

a. Variable(s) entered on step 1: CLAIMS, GYEAR, GENERAL, ORIGINAL.

Correlation Matrix

		Constant	CLAIMS	GYEAR	GENERAL	ORIGINAL
Step 1	Constant	1.000	.078	-1.000	.017	.026
	CLAIMS	.078	1.000	-.079	.022	-.096
	GYEAR	-1.000	-.079	1.000	-.018	-.027
	GENERAL	.017	.022	-.018	1.000	-.227
	ORIGINAL	.026	-.096	-.027	-.227	1.000