

Obs	id	interlocks	assets	assets2
1	1	87	147670	147.670
2	2	107	133000	133.000
3	3	94	113230	113.230
4	4	48	85418	85.418
5	5	66	75477	75.477
6	6	69	40742	40.742
7	7	46	40140	40.140
8	8	16	26866	26.866
9	9	77	24500	24.500
10	10	6	23700	23.700
11	11	18	23482	23.482
12	12	29	21512	21.512
13	13	36	20780	20.780
14	14	20	18688	18.688
15	15	13	18286	18.286
16	16	6	17910	17.910
17	17	31	17784	17.784
18	18	27	16631	16.631
19	19	23	16458	16.458
20	20	13	15280	15.280
21	21	32	15140	15.140
22	22	28	14362	14.362
23	23	4	14163	14.163
24	24	42	13820	13.820
25	25	17	13787	13.787

The GENMOD Procedure

Model Information	
Data Set	WORK.ILLUSTRATE
Distribution	Poisson
Link Function	Log
Dependent Variable	interlocks

Number of Observations Read	25
Number of Observations Used	25

Criteria For Assessing Goodness Of Fit			
Criterion	DF	Value	Value/DF
Deviance	23	228.1644	9.9202
Scaled Deviance	23	228.1644	9.9202
Pearson Chi-Square	23	232.3526	10.1023
Scaled Pearson X2	23	232.3526	10.1023
Log Likelihood		2665.1985	
Full Log Likelihood		-178.7142	
AIC (smaller is better)		361.4284	
AICC (smaller is better)		361.9739	
BIC (smaller is better)		363.8662	

Algorithm converged.

Analysis Of Maximum Likelihood Parameter Estimates							
Parameter	DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
Intercept	1	3.0810	0.0509	2.9813	3.1807	3669.86	<.0001
assets2	1	0.0113	0.0006	0.0101	0.0126	327.22	<.0001
Scale	0	1.0000	0.0000	1.0000	1.0000		

Note: The scale parameter was held fixed.

The GENMOD Procedure

LR Statistics For Type 3 Analysis			
Source	DF	Chi-Square	Pr > ChiSq
assets2	1	282.58	<.0001

assets2	interlocks	pred	rawres	rdev	rchisq	rdev2	devfct	chisqfct	rchisq2
147.670	87	116.247	-29.2466	-2.84025	-2.71260	8.0670	8.0670	7.3582	7.3582
133.000	107	98.430	8.5701	0.85172	0.86382	0.7254	0.7254	0.7462	0.7462
113.230	94	78.660	15.3398	1.67750	1.72959	2.8140	2.8140	2.9915	2.9915
85.418	48	57.382	-9.3818	-1.27479	-1.23851	1.6251	1.6251	1.5339	1.5339
75.477	66	51.264	14.7360	1.96976	2.05814	3.8799	3.8799	4.2359	4.2359
40.742	69	34.573	34.4273	5.14870	5.85512	26.5091	26.5091	34.2824	34.2824
40.140	46	34.338	11.6625	1.89106	1.99025	3.5761	3.5761	3.9611	3.9611
26.866	16	29.539	-13.5387	-2.73089	-2.49104	7.4578	7.4578	6.2053	6.2053
24.500	77	28.757	48.2434	7.42924	8.99640	55.1936	55.1936	80.9352	80.9352
23.700	6	28.497	-22.4969	-5.12810	-4.21429	26.2974	26.2974	17.7602	17.7602
23.482	18	28.427	-10.4265	-2.09829	-1.95559	4.4028	4.4028	3.8243	3.8243
21.512	29	27.798	1.2015	0.22627	0.22788	0.0512	0.0512	0.0519	0.0519
20.780	36	27.569	8.4313	1.53288	1.60578	2.3497	2.3497	2.5785	2.5785
18.688	20	26.922	-6.9223	-1.39846	-1.33412	1.9557	1.9557	1.7799	1.7799
18.286	13	26.800	-13.7999	-2.96481	-2.66568	8.7901	8.7901	7.1059	7.1059
17.910	6	26.686	-20.6858	-4.84388	-4.00435	23.4632	23.4632	16.0349	16.0349
17.784	31	26.648	4.3523	0.82160	0.84312	0.6750	0.6750	0.7108	0.7108
16.631	27	26.302	0.6985	0.13560	0.13619	0.0184	0.0184	0.0185	0.0185
16.458	23	26.250	-3.2500	-0.64815	-0.63433	0.4201	0.4201	0.4024	0.4024
15.280	13	25.902	-12.9016	-2.80713	-2.53502	7.8800	7.8800	6.4263	6.4263
15.140	32	25.861	6.1395	1.16370	1.20729	1.3542	1.3542	1.4575	1.4575
14.362	28	25.633	2.3666	0.46051	0.46744	0.2121	0.2121	0.2185	0.2185
14.163	4	25.576	-21.5756	-5.32057	-4.26629	28.3084	28.3084	18.2012	18.2012
13.820	42	25.476	16.5237	2.99098	3.27370	8.9460	8.9460	10.7171	10.7171
13.787	17	25.467	-8.4668	-1.78663	-1.67776	3.1921	3.1921	2.8149	2.8149

The MEANS Procedure

Variable	Sum
devfct	228.1644207
rchisq2	232.3525996
loglike	2665.20
fullloglike	-178.7142133