The LOGISTIC Procedure

Model Information	
Data Set	WORK.TI
Response Variable	highcd
Number of Response Levels	2
Model	binary logit
Optimization Technique	Fisher's scoring

Number of Observations Read	5584
Number of Observations Used	5584

Response Profile		
Ordered Value	**highcd**	**Total Frequency**
1	1	287
2	0	5297

Probability modeled is highcd=1.

Model Convergence Status
Convergence criterion (GCONV=1E-8) satisfied.

Model Fit Statistics		
Criterion	**Intercept Only**	**Intercept and Covariates**
AIC	2264.724	2488.318
SC	2271.352	4085.584
-2 Log L	2262.724	2006.318

Testing Global Null Hypothesis: BETA=0			
Test	**Chi-Square**	**DF**	**Pr > ChiSq**
Likelihood Ratio	256.4061	240	0.2228
Score	245.3597	240	0.3923
Wald	221.6236	240	0.7969

The LOGISTIC Procedure

Analysis of Maximum Likelihood Estimates					
Parameter	**DF**	**Estimate**	**Standard Error**	**Wald Chi-Square**	**Pr > ChiSq**
Intercept	1	-2.0168	1.4473	1.9419	0.1635
x1	1	-0.0504	0.0978	0.2654	0.6064
x2	1	0.0353	0.0636	0.3075	0.5792
x3	1	0.0178	0.0174	1.0364	0.3087
x4	1	0.00314	0.00135	5.4118	0.0200
x5	1	-0.0557	0.0449	1.5369	0.2151
x6	1	0.0654	0.0906	0.5210	0.4704
x7	1	0.0205	0.0958	0.0459	0.8304
x8	1	-0.0211	0.0223	0.8962	0.3438
x9	1	-0.0186	0.0510	0.1323	0.7160
x10	1	-0.0702	0.0471	2.2229	0.1360
x11	1	-9278038	11040073	0.7063	0.4007
x12	1	-0.0158	0.0287	0.3025	0.5823
x13	1	-0.00369	0.0112	0.1080	0.7424
x14	1	-0.0605	0.0487	1.5390	0.2148
x15	1	0.0313	0.0466	0.4504	0.5022
x16	1	-0.0852	0.0326	6.8205	0.0090
x17	1	-0.0117	0.0488	0.0578	0.8101
x19	1	0.0166	0.0252	0.4361	0.5090
x20	1	-0.0382	0.1725	0.0490	0.8249
x21	1	0.00202	0.00641	0.0993	0.7527
x22	1	0.0481	0.0524	0.8416	0.3589
x23	1	-0.0839	0.0502	2.7985	0.0944
stat1	1	0.0319	0.0374	0.7237	0.3949
stat2	1	-0.0218	0.0373	0.3420	0.5587
stat3	1	-0.00449	0.0375	0.0143	0.9047
stat4	1	-0.0407	0.0379	1.1542	0.2827
stat5	1	0.0201	0.0375	0.2859	0.5928
stat6	1	0.0349	0.0372	0.8809	0.3479
stat7	1	0.00450	0.0379	0.0141	0.9056
stat8	1	0.0576	0.0375	2.3607	0.1244
stat9	1	0.0169	0.0378	0.2005	0.6543
stat10	1	0.00162	0.0374	0.0019	0.9655
stat11	1	0.00740	0.0378	0.0383	0.8449
stat12	1	0.0358	0.0376	0.9053	0.3414

The LOGISTIC Procedure

Analysis of Maximum Likelihood Estimates					
Parameter	**DF**	**Estimate**	**Standard Error**	**Wald Chi-Square**	**Pr > ChiSq**
stat13	1	-0.0522	0.0377	1.9134	0.1666
stat14	1	0.00556	0.0377	0.0217	0.8828
stat15	1	0.0943	0.0373	6.4082	0.0114
stat16	1	0.0275	0.0373	0.5459	0.4600
stat17	1	0.0180	0.0372	0.2329	0.6294
stat18	1	-0.0436	0.0373	1.3673	0.2423
stat19	1	0.0773	0.0374	4.2750	0.0387
stat20	1	-0.0316	0.0375	0.7120	0.3988
stat21	1	0.0132	0.0378	0.1213	0.7276
stat22	1	-0.0517	0.0375	1.8999	0.1681
stat23	1	0.0503	0.0371	1.8354	0.1755
stat24	1	-0.0287	0.0381	0.5678	0.4511
stat25	1	-0.0531	0.0375	2.0046	0.1568
stat26	1	-0.0104	0.0373	0.0783	0.7795
stat27	1	0.0126	0.0370	0.1154	0.7340
stat28	1	-0.0600	0.0374	2.5793	0.1083
stat29	1	0.0128	0.0377	0.1155	0.7340
stat30	1	0.0379	0.0378	1.0048	0.3162
stat31	1	0.0271	0.0380	0.5109	0.4747
stat32	1	-0.0256	0.0377	0.4594	0.4979
stat33	1	-0.0453	0.0373	1.4769	0.2243
stat34	1	-0.0490	0.0373	1.7256	0.1890
stat35	1	0.0610	0.0377	2.6098	0.1062
stat36	1	0.0351	0.0374	0.8808	0.3480
stat37	1	-0.0198	0.0382	0.2682	0.6046
stat38	1	-0.0276	0.0376	0.5393	0.4627
stat39	1	-0.0297	0.0380	0.6128	0.4338
stat40	1	0.0289	0.0379	0.5839	0.4448
stat41	1	0.0574	0.0373	2.3640	0.1242
stat42	1	0.0215	0.0372	0.3358	0.5623
stat43	1	-0.0191	0.0375	0.2595	0.6105
stat44	1	-0.0185	0.0372	0.2461	0.6198
stat45	1	0.00153	0.0377	0.0016	0.9677
stat46	1	0.0413	0.0381	1.1774	0.2779
stat47	1	-0.0142	0.0380	0.1397	0.7086

The LOGISTIC Procedure

Analysis of Maximum Likelihood Estimates					
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
stat48	1	0.00922	0.0374	0.0609	0.8051
stat49	1	0.0698	0.0375	3.4706	0.0625
stat50	1	-0.0159	0.0375	0.1802	0.6712
stat51	1	0.0764	0.0377	4.1113	0.0426
stat52	1	-0.0320	0.0378	0.7182	0.3967
stat53	1	-0.00113	0.0380	0.0009	0.9762
stat54	1	0.00776	0.0374	0.0431	0.8356
stat55	1	0.0174	0.0371	0.2189	0.6399
stat56	1	-0.0448	0.0377	1.4121	0.2347
stat57	1	0.0461	0.0370	1.5544	0.2125
stat58	1	0.0178	0.0373	0.2275	0.6334
stat59	1	-0.0342	0.0373	0.8388	0.3597
stat60	1	0.0290	0.0379	0.5868	0.4436
stat61	1	-0.0149	0.0383	0.1512	0.6974
stat62	1	0.0382	0.0379	1.0113	0.3146
stat63	1	0.00281	0.0372	0.0057	0.9398
stat64	1	-0.0128	0.0372	0.1189	0.7302
stat65	1	-0.0182	0.0377	0.2327	0.6295
stat66	1	0.0195	0.0386	0.2547	0.6138
stat67	1	-0.0557	0.0379	2.1628	0.1414
stat68	1	-0.0302	0.0377	0.6421	0.4230
stat69	1	0.0428	0.0376	1.3011	0.2540
stat70	1	0.0550	0.0374	2.1686	0.1409
stat71	1	0.00610	0.0373	0.0268	0.8699
stat72	1	0.0208	0.0378	0.3016	0.5829
stat73	1	-0.0224	0.0380	0.3480	0.5553
stat74	1	-0.0893	0.0380	5.5069	0.0189
stat75	1	-0.0523	0.0382	1.8744	0.1710
stat76	1	0.0115	0.0373	0.0945	0.7586
stat77	1	-0.00414	0.0374	0.0123	0.9119
stat78	1	0.0358	0.0376	0.9054	0.3413
stat79	1	-0.0294	0.0375	0.6156	0.4327
stat80	1	-0.0499	0.0380	1.7290	0.1885
stat81	1	0.0104	0.0376	0.0758	0.7830
stat82	1	0.0568	0.0375	2.2977	0.1296

The LOGISTIC Procedure

Analysis of Maximum Likelihood Estimates					
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
stat83	1	0.0312	0.0377	0.6855	0.4077
stat84	1	0.0104	0.0371	0.0780	0.7800
stat85	1	0.0740	0.0376	3.8876	0.0486
stat86	1	0.0152	0.0375	0.1643	0.6852
stat87	1	-0.0379	0.0380	0.9909	0.3195
stat88	1	-0.0364	0.0369	0.9711	0.3244
stat89	1	-0.00565	0.0370	0.0233	0.8788
stat90	1	0.00882	0.0377	0.0547	0.8151
stat91	1	0.0577	0.0372	2.4014	0.1212
stat92	1	-0.0312	0.0373	0.6976	0.4036
stat93	1	-0.0459	0.0376	1.4857	0.2229
stat94	1	-0.0322	0.0375	0.7374	0.3905
stat95	1	-0.0456	0.0376	1.4752	0.2245
stat96	1	-0.0159	0.0372	0.1830	0.6688
stat97	1	-0.00734	0.0375	0.0383	0.8447
stat98	1	0.1713	0.0379	20.4227	<.0001
stat99	1	-0.0201	0.0376	0.2864	0.5925
stat100	1	0.00950	0.0379	0.0629	0.8020
stat101	1	-0.0338	0.0377	0.8020	0.3705
stat102	1	-0.0423	0.0378	1.2541	0.2628
stat103	1	0.00151	0.0382	0.0016	0.9684
stat104	1	-0.0405	0.0374	1.1691	0.2796
stat105	1	0.00981	0.0371	0.0698	0.7916
stat106	1	0.0119	0.0373	0.1016	0.7500
stat107	1	-0.00073	0.0377	0.0004	0.9846
stat108	1	-0.00528	0.0371	0.0203	0.8866
stat109	1	-0.00453	0.0378	0.0143	0.9047
stat110	1	-0.1531	0.0379	16.2969	<.0001
stat111	1	-0.0705	0.0379	3.4648	0.0627
stat112	1	0.0108	0.0377	0.0818	0.7749
stat113	1	-0.0219	0.0379	0.3358	0.5623
stat114	1	-0.00592	0.0371	0.0255	0.8732
stat115	1	-0.0189	0.0372	0.2584	0.6112
stat116	1	0.0220	0.0377	0.3400	0.5598
stat117	1	0.0363	0.0375	0.9377	0.3329

The LOGISTIC Procedure

Analysis of Maximum Likelihood Estimates					
Parameter	**DF**	**Estimate**	**Standard Error**	**Wald Chi-Square**	**Pr > ChiSq**
stat118	1	-0.0618	0.0376	2.6992	0.1004
stat119	1	-0.0488	0.0380	1.6505	0.1989
stat120	1	-0.00124	0.0372	0.0011	0.9734
stat121	1	-0.0207	0.0377	0.3021	0.5826
stat122	1	0.0511	0.0371	1.8945	0.1687
stat123	1	-0.0439	0.0383	1.3149	0.2515
stat124	1	0.0124	0.0379	0.1070	0.7436
stat125	1	0.0304	0.0378	0.6474	0.4210
stat126	1	0.0287	0.0375	0.5846	0.4445
stat127	1	0.0186	0.0377	0.2442	0.6212
stat128	1	0.0931	0.0380	6.0069	0.0143
stat129	1	0.0405	0.0371	1.1969	0.2739
stat130	1	0.00942	0.0378	0.0621	0.8032
stat131	1	0.0167	0.0378	0.1965	0.6576
stat132	1	-0.0191	0.0372	0.2639	0.6074
stat133	1	-0.0430	0.0378	1.2944	0.2552
stat134	1	-0.0112	0.0372	0.0904	0.7636
stat135	1	0.0265	0.0374	0.5018	0.4787
stat136	1	0.0131	0.0377	0.1203	0.7287
stat137	1	-0.0335	0.0377	0.7892	0.3743
stat138	1	0.0390	0.0374	1.0881	0.2969
stat139	1	-0.0300	0.0378	0.6299	0.4274
stat140	1	-0.0116	0.0371	0.0984	0.7538
stat141	1	-0.0400	0.0376	1.1359	0.2865
stat142	1	-0.00511	0.0381	0.0180	0.8934
stat143	1	0.00257	0.0371	0.0048	0.9448
stat144	1	-0.0584	0.0372	2.4637	0.1165
stat145	1	0.0397	0.0381	1.0857	0.2974
stat146	1	0.0417	0.0378	1.2157	0.2702
stat147	1	-0.0366	0.0374	0.9587	0.3275
stat148	1	-0.0613	0.0369	2.7540	0.0970
stat149	1	-0.0459	0.0376	1.4920	0.2219
stat150	1	-0.0394	0.0380	1.0746	0.2999
stat151	1	-0.0969	0.0383	6.4085	0.0114
stat152	1	-0.00058	0.0373	0.0002	0.9875

The LOGISTIC Procedure

Analysis of Maximum Likelihood Estimates					
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
stat153	1	-0.0173	0.0380	0.2081	0.6483
stat154	1	-0.0345	0.0374	0.8474	0.3573
stat155	1	-0.0211	0.0373	0.3208	0.5711
stat156	1	0.0214	0.0379	0.3201	0.5716
stat157	1	0.00297	0.0374	0.0063	0.9367
stat158	1	-0.0332	0.0379	0.7673	0.3811
stat159	1	0.0152	0.0373	0.1670	0.6828
stat160	1	0.000734	0.0375	0.0004	0.9844
stat161	1	0.0156	0.0376	0.1723	0.6781
stat162	1	0.00147	0.0374	0.0016	0.9685
stat163	1	0.00348	0.0377	0.0085	0.9263
stat164	1	0.0438	0.0375	1.3640	0.2429
stat165	1	-0.0488	0.0374	1.7022	0.1920
stat166	1	0.00612	0.0374	0.0267	0.8701
stat167	1	-0.00127	0.0374	0.0012	0.9729
stat168	1	-0.0236	0.0374	0.4007	0.5267
stat169	1	0.000907	0.0374	0.0006	0.9807
stat170	1	-0.0250	0.0378	0.4377	0.5082
stat171	1	0.0394	0.0376	1.0994	0.2944
stat172	1	-0.0902	0.0383	5.5437	0.0185
stat173	1	-0.00447	0.0376	0.0141	0.9055
stat174	1	-0.0394	0.0378	1.0847	0.2977
stat175	1	-0.0187	0.0381	0.2422	0.6226
stat176	1	0.0290	0.0375	0.6004	0.4384
stat177	1	0.0593	0.0380	2.4312	0.1189
stat178	1	-0.00875	0.0379	0.0532	0.8176
stat179	1	0.0218	0.0374	0.3389	0.5605
stat180	1	-0.00359	0.0370	0.0094	0.9228
stat181	1	-0.0518	0.0375	1.9099	0.1670
stat182	1	-0.00437	0.0373	0.0137	0.9067
stat183	1	0.0141	0.0374	0.1419	0.7064
stat184	1	-0.0487	0.0380	1.6436	0.1998
stat185	1	-0.0404	0.0371	1.1810	0.2772
stat186	1	-0.0251	0.0377	0.4428	0.5058
stat187	1	-0.0304	0.0373	0.6624	0.4157

The LOGISTIC Procedure

Analysis of Maximum Likelihood Estimates					
Parameter	**DF**	**Estimate**	**Standard Error**	**Wald Chi-Square**	**Pr > ChiSq**
stat188	1	-0.0349	0.0374	0.8710	0.3507
stat189	1	0.0358	0.0378	0.8977	0.3434
stat190	1	0.0106	0.0372	0.0804	0.7768
stat191	1	0.00334	0.0373	0.0080	0.9287
stat192	1	-0.0172	0.0378	0.2070	0.6491
stat193	1	-0.0532	0.0379	1.9646	0.1610
stat194	1	0.00552	0.0378	0.0214	0.8837
stat195	1	0.0758	0.0377	4.0427	0.0444
stat196	1	-0.00056	0.0380	0.0002	0.9882
stat197	1	0.0107	0.0369	0.0845	0.7713
stat198	1	-0.0351	0.0373	0.8854	0.3467
stat199	1	-0.0141	0.0374	0.1427	0.7056
stat200	1	-0.0722	0.0375	3.6998	0.0544
stat201	1	-0.0265	0.0375	0.4980	0.4804
stat202	1	-0.0309	0.0374	0.6835	0.4084
stat203	1	-0.0267	0.0372	0.5168	0.4722
stat204	1	-0.0287	0.0373	0.5906	0.4422
stat205	1	0.0206	0.0373	0.3055	0.5804
stat206	1	0.00529	0.0379	0.0196	0.8888
stat207	1	0.0488	0.0376	1.6825	0.1946
stat208	1	-0.00164	0.0374	0.0019	0.9651
stat209	1	-0.0346	0.0375	0.8512	0.3562
stat210	1	0.0273	0.0378	0.5221	0.4699
stat211	1	0.00956	0.0373	0.0657	0.7977
stat212	1	-0.00840	0.0377	0.0497	0.8235
stat213	1	0.0166	0.0378	0.1915	0.6616
stat214	1	-0.0321	0.0375	0.7314	0.3924
stat215	1	0.000625	0.0375	0.0003	0.9867
stat216	1	0.0117	0.0374	0.0974	0.7549
stat217	1	0.0482	0.0376	1.6382	0.2006
x18sqrt	1	0.3755	0.1455	6.6629	0.0098

The LOGISTIC Procedure

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
x1	0.951	0.785	1.152
x2	1.036	0.915	1.173
x3	1.018	0.984	1.053
x4	1.003	1.000	1.006
x5	0.946	0.866	1.033
x6	1.068	0.894	1.275
x7	1.021	0.846	1.232
x8	0.979	0.937	1.023
x9	0.982	0.888	1.085
x10	0.932	0.850	1.022
x11	<0.001	<0.001	>999.999
x12	0.984	0.931	1.041
x13	0.996	0.975	1.019
x14	0.941	0.856	1.036
x15	1.032	0.942	1.131
x16	0.918	0.861	0.979
x17	0.988	0.898	1.087
x19	1.017	0.968	1.068
x20	0.963	0.686	1.350
x21	1.002	0.990	1.015
x22	1.049	0.947	1.163
x23	0.919	0.833	1.015
stat1	1.032	0.959	1.111
stat2	0.978	0.909	1.053
stat3	0.996	0.925	1.071
stat4	0.960	0.891	1.034
stat5	1.020	0.948	1.098
stat6	1.036	0.963	1.114
stat7	1.005	0.933	1.082
stat8	1.059	0.984	1.140
stat9	1.017	0.944	1.095
stat10	1.002	0.931	1.078
stat11	1.007	0.935	1.085
stat12	1.036	0.963	1.116
stat13	0.949	0.881	1.022

The LOGISTIC Procedure

Odds Ratio Estimates			
Effect	**Point Estimate**	**95% Wald Confidence Limits**	
stat14	1.006	0.934	1.083
stat15	1.099	1.022	1.182
stat16	1.028	0.956	1.106
stat17	1.018	0.947	1.095
stat18	0.957	0.890	1.030
stat19	1.080	1.004	1.162
stat20	0.969	0.900	1.043
stat21	1.013	0.941	1.091
stat22	0.950	0.882	1.022
stat23	1.052	0.978	1.131
stat24	0.972	0.902	1.047
stat25	0.948	0.881	1.021
stat26	0.990	0.920	1.065
stat27	1.013	0.942	1.089
stat28	0.942	0.875	1.013
stat29	1.013	0.941	1.091
stat30	1.039	0.964	1.118
stat31	1.028	0.954	1.107
stat32	0.975	0.905	1.050
stat33	0.956	0.888	1.028
stat34	0.952	0.885	1.024
stat35	1.063	0.987	1.144
stat36	1.036	0.963	1.114
stat37	0.980	0.910	1.057
stat38	0.973	0.904	1.047
stat39	0.971	0.901	1.046
stat40	1.029	0.956	1.109
stat41	1.059	0.984	1.139
stat42	1.022	0.950	1.099
stat43	0.981	0.911	1.056
stat44	0.982	0.913	1.056
stat45	1.002	0.930	1.078
stat46	1.042	0.967	1.123
stat47	0.986	0.915	1.062
stat48	1.009	0.938	1.086

The LOGISTIC Procedure

Odds Ratio Estimates			
Effect	**Point Estimate**	**95% Wald Confidence Limits**	
stat49	1.072	0.996	1.154
stat50	0.984	0.914	1.059
stat51	1.079	1.003	1.162
stat52	0.968	0.899	1.043
stat53	0.999	0.927	1.076
stat54	1.008	0.937	1.084
stat55	1.018	0.946	1.094
stat56	0.956	0.888	1.030
stat57	1.047	0.974	1.126
stat58	1.018	0.946	1.095
stat59	0.966	0.898	1.040
stat60	1.029	0.956	1.109
stat61	0.985	0.914	1.062
stat62	1.039	0.964	1.119
stat63	1.003	0.932	1.079
stat64	0.987	0.918	1.062
stat65	0.982	0.912	1.057
stat66	1.020	0.945	1.100
stat67	0.946	0.878	1.019
stat68	0.970	0.901	1.045
stat69	1.044	0.970	1.124
stat70	1.057	0.982	1.137
stat71	1.006	0.935	1.082
stat72	1.021	0.948	1.100
stat73	0.978	0.908	1.053
stat74	0.915	0.849	0.985
stat75	0.949	0.881	1.023
stat76	1.012	0.940	1.088
stat77	0.996	0.926	1.072
stat78	1.036	0.963	1.116
stat79	0.971	0.902	1.045
stat80	0.951	0.883	1.025
stat81	1.010	0.939	1.088
stat82	1.058	0.983	1.139
stat83	1.032	0.958	1.111

The LOGISTIC Procedure

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
stat84	1.010	0.940	1.087
stat85	1.077	1.000	1.159
stat86	1.015	0.943	1.093
stat87	0.963	0.894	1.037
stat88	0.964	0.897	1.037
stat89	0.994	0.925	1.069
stat90	1.009	0.937	1.086
stat91	1.059	0.985	1.140
stat92	0.969	0.901	1.043
stat93	0.955	0.887	1.028
stat94	0.968	0.900	1.042
stat95	0.955	0.888	1.028
stat96	0.984	0.915	1.059
stat97	0.993	0.922	1.068
stat98	1.187	1.102	1.278
stat99	0.980	0.911	1.055
stat100	1.010	0.937	1.087
stat101	0.967	0.898	1.041
stat102	0.959	0.890	1.032
stat103	1.002	0.929	1.079
stat104	0.960	0.892	1.033
stat105	1.010	0.939	1.086
stat106	1.012	0.941	1.089
stat107	0.999	0.928	1.076
stat108	0.995	0.925	1.070
stat109	0.995	0.924	1.072
stat110	0.858	0.797	0.924
stat111	0.932	0.865	1.004
stat112	1.011	0.939	1.088
stat113	0.978	0.908	1.054
stat114	0.994	0.924	1.069
stat115	0.981	0.912	1.055
stat116	1.022	0.949	1.101
stat117	1.037	0.963	1.116
stat118	0.940	0.873	1.012

The LOGISTIC Procedure

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
stat119	0.952	0.884	1.026
stat120	0.999	0.928	1.074
stat121	0.980	0.910	1.055
stat122	1.052	0.979	1.132
stat123	0.957	0.888	1.032
stat124	1.012	0.940	1.090
stat125	1.031	0.957	1.110
stat126	1.029	0.956	1.108
stat127	1.019	0.946	1.097
stat128	1.098	1.019	1.182
stat129	1.041	0.968	1.120
stat130	1.009	0.937	1.087
stat131	1.017	0.944	1.095
stat132	0.981	0.912	1.055
stat133	0.958	0.890	1.032
stat134	0.989	0.919	1.064
stat135	1.027	0.954	1.105
stat136	1.013	0.941	1.091
stat137	0.967	0.898	1.041
stat138	1.040	0.966	1.119
stat139	0.970	0.901	1.045
stat140	0.988	0.919	1.063
stat141	0.961	0.893	1.034
stat142	0.995	0.923	1.072
stat143	1.003	0.932	1.078
stat144	0.943	0.877	1.015
stat145	1.041	0.966	1.121
stat146	1.043	0.968	1.123
stat147	0.964	0.896	1.037
stat148	0.941	0.875	1.011
stat149	0.955	0.887	1.028
stat150	0.961	0.892	1.036
stat151	0.908	0.842	0.978
stat152	0.999	0.929	1.075
stat153	0.983	0.912	1.059

The LOGISTIC Procedure

Odds Ratio Estimates			
Effect	**Point Estimate**	**95% Wald Confidence Limits**	
stat154	0.966	0.898	1.040
stat155	0.979	0.910	1.053
stat156	1.022	0.949	1.100
stat157	1.003	0.932	1.079
stat158	0.967	0.898	1.042
stat159	1.015	0.944	1.092
stat160	1.001	0.930	1.077
stat161	1.016	0.943	1.094
stat162	1.001	0.931	1.078
stat163	1.003	0.932	1.080
stat164	1.045	0.971	1.124
stat165	0.952	0.885	1.025
stat166	1.006	0.935	1.083
stat167	0.999	0.928	1.075
stat168	0.977	0.908	1.051
stat169	1.001	0.930	1.077
stat170	0.975	0.906	1.050
stat171	1.040	0.966	1.120
stat172	0.914	0.848	0.985
stat173	0.996	0.925	1.072
stat174	0.961	0.893	1.035
stat175	0.981	0.911	1.057
stat176	1.029	0.957	1.108
stat177	1.061	0.985	1.143
stat178	0.991	0.920	1.068
stat179	1.022	0.950	1.100
stat180	0.996	0.927	1.071
stat181	0.949	0.882	1.022
stat182	0.996	0.925	1.071
stat183	1.014	0.942	1.091
stat184	0.952	0.884	1.026
stat185	0.960	0.893	1.033
stat186	0.975	0.906	1.050
stat187	0.970	0.902	1.044
stat188	0.966	0.898	1.039

The LOGISTIC Procedure

Odds Ratio Estimates			
Effect	**Point Estimate**	**95% Wald Confidence Limits**	
stat189	1.036	0.962	1.116
stat190	1.011	0.940	1.087
stat191	1.003	0.933	1.080
stat192	0.983	0.913	1.059
stat193	0.948	0.880	1.021
stat194	1.006	0.934	1.083
stat195	1.079	1.002	1.161
stat196	0.999	0.928	1.077
stat197	1.011	0.940	1.087
stat198	0.965	0.897	1.039
stat199	0.986	0.916	1.061
stat200	0.930	0.864	1.001
stat201	0.974	0.905	1.048
stat202	0.970	0.901	1.043
stat203	0.974	0.905	1.047
stat204	0.972	0.903	1.045
stat205	1.021	0.949	1.098
stat206	1.005	0.933	1.083
stat207	1.050	0.975	1.130
stat208	0.998	0.928	1.074
stat209	0.966	0.897	1.040
stat210	1.028	0.954	1.107
stat211	1.010	0.938	1.086
stat212	0.992	0.921	1.068
stat213	1.017	0.944	1.095
stat214	0.968	0.900	1.042
stat215	1.001	0.930	1.077
stat216	1.012	0.940	1.089
stat217	1.049	0.975	1.130
x18sqrt	1.456	1.095	1.936

The LOGISTIC Procedure

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	75.0	**Somers' D**	0.501
Percent Discordant	25.0	**Gamma**	0.501
Percent Tied	0.0	**Tau-a**	0.049
Pairs	1520239	**c**	0.750

Partition for the Hosmer and Lemeshow Test					
		highcd = 1		highcd = 0	
Group	**Total**	**Observed**	**Expected**	**Observed**	**Expected**
1	558	1	3.15	557	554.85
2	558	8	6.28	550	551.72
3	558	9	9.22	549	548.78
4	558	14	12.56	544	545.44
5	558	16	16.55	542	541.45
6	558	32	21.49	526	536.51
7	558	29	28.15	529	529.85
8	558	33	37.49	525	520.51
9	558	43	52.26	515	505.74
10	562	102	99.85	460	462.15

Hosmer and Lemeshow Goodness-of-Fit Test		
Chi-Square	**DF**	**Pr > ChiSq**
9.9572	8	0.2680

Classification Table									
	Correct		Incorrect		Percentages				
Prob Level	**Event**	**Non-Event**	**Event**	**Non-Event**	**Correct**	**Sensi-tivity**	**Speci-ficity**	**False POS**	**False NEG**
0.000	287	0	5297	0	5.1	100.0	0.0	94.9	.
0.020	193	1695	3602	94	33.8	67.2	32.0	94.9	5.3
0.040	120	3012	2285	167	56.1	41.8	56.9	95.0	5.3
0.060	81	3774	1523	206	69.0	28.2	71.2	95.0	5.2
0.080	58	4255	1042	229	77.2	20.2	80.3	94.7	5.1
0.100	42	4567	730	245	82.5	14.6	86.2	94.6	5.1
0.120	35	4781	516	252	86.2	12.2	90.3	93.6	5.0
0.140	28	4919	378	259	88.6	9.8	92.9	93.1	5.0
0.160	21	5015	282	266	90.2	7.3	94.7	93.1	5.0

The LOGISTIC Procedure

Classification Table									
	Correct		Incorrect		Percentages				
Prob Level	Event	Non-Event	Event	Non-Event	Correct	Sensi-tivity	Speci-ficity	False POS	False NEG
0.180	19	5086	211	268	91.4	6.6	96.0	91.7	5.0
0.200	15	5138	159	272	92.3	5.2	97.0	91.4	5.0
0.220	13	5181	116	274	93.0	4.5	97.8	89.9	5.0
0.240	8	5214	83	279	93.5	2.8	98.4	91.2	5.1
0.260	6	5229	68	281	93.8	2.1	98.7	91.9	5.1
0.280	2	5247	50	285	94.0	0.7	99.1	96.2	5.2
0.300	2	5257	40	285	94.2	0.7	99.2	95.2	5.1
0.320	2	5267	30	285	94.4	0.7	99.4	93.8	5.1
0.340	2	5275	22	285	94.5	0.7	99.6	91.7	5.1
0.360	2	5280	17	285	94.6	0.7	99.7	89.5	5.1
0.380	2	5283	14	285	94.6	0.7	99.7	87.5	5.1
0.400	1	5288	9	286	94.7	0.3	99.8	90.0	5.1
0.420	1	5290	7	286	94.8	0.3	99.9	87.5	5.1
0.440	0	5292	5	287	94.8	0.0	99.9	100.0	5.1
0.460	0	5292	5	287	94.8	0.0	99.9	100.0	5.1
0.480	0	5292	5	287	94.8	0.0	99.9	100.0	5.1
0.500	0	5293	4	287	94.8	0.0	99.9	100.0	5.1
0.520	0	5295	2	287	94.8	0.0	100.0	100.0	5.1
0.540	0	5295	2	287	94.8	0.0	100.0	100.0	5.1
0.560	0	5295	2	287	94.8	0.0	100.0	100.0	5.1
0.580	0	5295	2	287	94.8	0.0	100.0	100.0	5.1
0.600	0	5296	1	287	94.8	0.0	100.0	100.0	5.1
0.620	0	5296	1	287	94.8	0.0	100.0	100.0	5.1
0.640	0	5296	1	287	94.8	0.0	100.0	100.0	5.1
0.660	0	5296	1	287	94.8	0.0	100.0	100.0	5.1
0.680	0	5297	0	287	94.9	0.0	100.0	.	5.1