

The LOGISTIC Procedure

Model Information

<i>Data Set</i>	WORK.TWO
<i>Response Variable (Events)</i>	cases
<i>Response Variable (Trials)</i>	n
<i>Model</i>	binary logit
<i>Optimization Technique</i>	Fisher's scoring

<i>Number of Observations Read</i>	96
<i>Number of Observations Used</i>	88
<i>Sum of Frequencies Read</i>	975
<i>Sum of Frequencies Used</i>	975

Response Profile

<i>Ordered Value</i>	<i>Binary Outcome</i>	<i>Total Frequency</i>
1	Event	200
2	Nonevent	775

Note: 8 observations with invalid response values have been deleted. Either the number of trials was less than or equal to zero or less than the number of events, or the number of events was negative.

Model Convergence Status

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

Deviance and Pearson Goodness-of-Fit Statistics

<i>Criterion</i>	<i>Value</i>	<i>DF</i>	<i>Value/DF</i>	<i>Pr > ChiSq</i>
<i>Deviance</i>	89.0166	80	1.1127	0.2297
<i>Pearson</i>	91.6997	80	1.1462	0.1748

Number of unique profiles: 88

Note: The covariance matrix has been multiplied by the heterogeneity factor (Deviance / DF) 1.11271.

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<i>Criterion</i>	<i>Intercept Only</i>	<i>Intercept and Covariates</i>
<i>AIC</i>	891.262	654.579
<i>SC</i>	896.145	693.639
<i>-2 Log L</i>	889.262	638.579

Testing Global Null Hypothesis: BETA=0

<i>Test</i>	<i>Chi-Square</i>	<i>DF</i>	<i>Pr > ChiSq</i>
<i>Likelihood Ratio</i>	250.6831	7	<.0001
<i>Score</i>	220.7260	7	<.0001
<i>Wald</i>	138.7930	7	<.0001

Analysis of Maximum Likelihood Estimates

<i>Parameter</i>	<i>DF</i>	<i>Estimate</i>	<i>Standard Error</i>	<i>Wald Chi-Square</i>	<i>Pr > ChiSq</i>
<i>Intercept</i>	1	-2.6068	0.4322	36.3812	<.0001
<i>age1</i>	1	-4.6680	1.1680	15.9720	<.0001
<i>age2</i>	1	-2.8131	0.5539	25.7905	<.0001
<i>age3</i>	1	-1.0542	0.4438	5.6411	0.0175
<i>age4</i>	1	-0.5047	0.4292	1.3827	0.2396
<i>age5</i>	1	0.0317	0.4383	0.0052	0.9424
<i>tob</i>	1	0.4094	0.0921	19.7734	<.0001
<i>alc</i>	1	0.2548	0.0265	92.8054	<.0001

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<i>Odds Ratio Estimates</i>			
<i>Effect</i>	<i>Point Estimate</i>	<i>95% Wald Confidence Limits</i>	
<i>age1</i>	0.009	<0.001	0.093
<i>age2</i>	0.060	0.020	0.178
<i>age3</i>	0.348	0.146	0.832
<i>age4</i>	0.604	0.260	1.400
<i>age5</i>	1.032	0.437	2.437
<i>tob</i>	1.506	1.257	1.804
<i>alc</i>	1.290	1.225	1.359

Association of Predicted Probabilities and Observed Responses

<i>Percent Concordant</i>	84.5	<i>Somers' D</i>	0.705
<i>Percent Discordant</i>	14.1	<i>Gamma</i>	0.715
<i>Percent Tied</i>	1.4	<i>Tau-a</i>	0.230
<i>Pairs</i>	155000	<i>c</i>	0.852

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*Regression Diagnostics**Covariates*

<i>Case Number</i>	<i>age1</i>	<i>age2</i>	<i>age3</i>	<i>age4</i>	<i>age5</i>	<i>tob</i>	<i>alc</i>
1	1.0000	0	0	0	0	0.5000	2.0000
2	1.0000	0	0	0	0	1.5000	2.0000
3	1.0000	0	0	0	0	2.5000	2.0000
4	1.0000	0	0	0	0	4.0000	2.0000
5	1.0000	0	0	0	0	0.5000	6.0000
6	1.0000	0	0	0	0	1.5000	6.0000
7	1.0000	0	0	0	0	2.5000	6.0000
8	1.0000	0	0	0	0	4.0000	6.0000
9	1.0000	0	0	0	0	0.5000	10.0000
10	1.0000	0	0	0	0	1.5000	10.0000
11	1.0000	0	0	0	0	2.5000	10.0000
12	1.0000	0	0	0	0	4.0000	10.0000
13	1.0000	0	0	0	0	0.5000	15.0000
14	1.0000	0	0	0	0	1.5000	15.0000
15	1.0000	0	0	0	0	2.5000	15.0000
16	1.0000	0	0	0	0	4.0000	15.0000
17	0	1.0000	0	0	0	0.5000	2.0000
18	0	1.0000	0	0	0	1.5000	2.0000
19	0	1.0000	0	0	0	2.5000	2.0000
20	0	1.0000	0	0	0	4.0000	2.0000
21	0	1.0000	0	0	0	0.5000	6.0000
22	0	1.0000	0	0	0	1.5000	6.0000
23	0	1.0000	0	0	0	2.5000	6.0000
24	0	1.0000	0	0	0	4.0000	6.0000
25	0	1.0000	0	0	0	0.5000	10.0000
26	0	1.0000	0	0	0	1.5000	10.0000

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Regression Diagnostics

Case Number	Pearson Residual	Deviance Residual	Hat Matrix Diagonal	Intercept DfBeta	age1 DfBeta	age2 DfBeta	age3 DfBeta	age4 DfBeta	age5 DfBeta	tob DfBeta	alc DfBeta	Confidence Interval Displacement C	Confidence Interval Displacement CBar	Delta Deviance	Delta Chi-Square
1	-0.2379	-0.3364	0.0642	-0.00716	-0.0604	-0.00294	-0.00247	-0.00195	-0.00011	0.0117	0.0123	0.00415	0.00388	0.1170	0.0605
2	-0.1460	-0.2063	0.0236	-0.00198	-0.0216	-0.00093	-0.00079	-0.00066	-0.00015	0.00232	0.00436	0.000527	0.000515	0.0431	0.0218
3	-0.1388	-0.1961	0.0210	-0.00125	-0.0193	-0.00072	-0.00063	-0.00055	-0.00024	0.000381	0.00386	0.000423	0.000414	0.0389	0.0197
4	-0.1722	-0.2432	0.0326	-0.00068	-0.0295	-0.00084	-0.00077	-0.00075	-0.00060	-0.00340	0.00585	0.00103	0.000999	0.0601	0.0307
5	-0.3254	-0.4598	0.1163	-0.0105	-0.1180	-0.00363	-0.00297	-0.00217	0.000561	0.0227	0.0123	0.0158	0.0139	0.2253	0.1198
6	-0.2033	-0.2871	0.0442	-0.00260	-0.0421	-0.00105	-0.00088	-0.00069	-0.00002	0.00443	0.00429	0.00200	0.00191	0.0844	0.0433
7	-0.1886	-0.2662	0.0374	-0.00121	-0.0356	-0.00067	-0.00059	-0.00051	-0.00020	0.000573	0.00354	0.00144	0.00138	0.0722	0.0370
8	-0.3392	-0.4778	0.1207	0.00105	-0.1233	-0.00118	-0.00120	-0.00136	-0.00171	-0.0148	0.0118	0.0180	0.0158	0.2441	0.1309
9	-0.1474	-0.2079	0.0233	-0.00126	-0.0215	-0.00027	-0.00019	-0.00009	0.000248	0.00410	0.000062	0.000531	0.000519	0.0438	0.0223
10	-0.1279	-0.1802	0.0170	-0.00049	-0.0159	-0.00010	-0.00007	-0.00003	0.000100	0.00162	-8.19E-6	0.000287	0.000283	0.0328	0.0167
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
12	-0.3018	-0.4221	0.0896	0.00371	-0.0905	0.000865	0.000646	0.000342	-0.00064	-0.0114	-0.00084	0.00985	0.00897	0.1872	0.1001
13	-0.1971	-0.2761	0.0400	-0.00075	-0.0375	0.000413	0.000437	0.000529	0.000758	0.00708	-0.00478	0.00169	0.00162	0.0779	0.0405
14	4.1335	2.4063	0.0568	-0.00825	0.9544	-0.0167	-0.0157	-0.0158	-0.0143	-0.0945	0.1261	1.0902	1.0283	6.8186	18.1143
15	-0.2969	-0.4110	0.0802	0.00315	-0.0832	0.00200	0.00177	0.00158	0.000808	0.000625	-0.0114	0.00836	0.00769	0.1766	0.0958
16	-0.5708	-0.7769	0.2634	0.0293	-0.3541	0.0121	0.0102	0.00807	0.000560	-0.0471	-0.0510	0.1581	0.1165	0.7201	0.4422
17	-0.7367	-1.0395	0.0906	-0.0508	-0.0181	-0.1673	-0.0190	-0.0153	-0.00238	0.0709	0.0996	0.0595	0.0541	1.1346	0.5968
18	1.8845	1.3290	0.0291	0.0488	0.0184	0.2315	0.0231	0.0199	0.00766	-0.0273	-0.1381	0.1096	0.1064	1.8726	3.6578
19	-0.3789	-0.5332	0.0219	-0.00444	-0.00191	-0.0390	-0.00333	-0.00310	-0.00206	-0.00786	0.0233	0.00328	0.00321	0.2875	0.1468
20	-0.5507	-0.7716	0.0535	0.00320	-0.00006	-0.0808	-0.00508	-0.00565	-0.00679	-0.0573	0.0484	0.0181	0.0171	0.6125	0.3204
21	-0.9366	-1.3164	0.1222	-0.0539	-0.0184	-0.2581	-0.0156	-0.0115	0.00246	0.1132	0.0664	0.1391	0.1221	1.8550	0.9994
22	2.4095	1.8851	0.1078	0.0673	0.0246	0.6271	0.0280	0.0234	0.00633	-0.0700	-0.1572	0.7858	0.7011	4.2548	6.5067
23	0.2926	0.2793	0.0971	0.000081	0.000395	0.0691	0.00194	0.00204	0.00212	0.0160	-0.0168	0.0102	0.00920	0.0872	0.0948
24	-0.9167	-1.2642	0.1161	0.0352	0.0100	-0.2095	-0.00036	-0.00360	-0.0133	-0.1629	0.0487	0.1249	0.1104	1.7087	0.9508
25	-0.8741	-1.2155	0.0953	-0.0195	-0.00558	-0.1947	0.000025	0.00181	0.00717	0.0887	-0.0254	0.0890	0.0805	1.5580	0.8446
26	-0.7922	-1.0927	0.0672	0.00170	0.00101	-0.1464	0.00273	0.00272	0.00240	0.0153	-0.0216	0.0485	0.0452	1.2391	0.6729

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<i>Case Number</i>	<i>age1</i>	<i>age2</i>	<i>age3</i>	<i>age4</i>	<i>age5</i>	<i>tob</i>	<i>alc</i>
27	0	1.0000	0	0	0	2.5000	10.0000
28	0	1.0000	0	0	0	4.0000	10.0000
29	0	1.0000	0	0	0	0.5000	15.0000
30	0	1.0000	0	0	0	1.5000	15.0000
31	0	1.0000	0	0	0	2.5000	15.0000
32	0	1.0000	0	0	0	4.0000	15.0000
33	0	0	1.0000	0	0	0.5000	2.0000
34	0	0	1.0000	0	0	1.5000	2.0000
35	0	0	1.0000	0	0	2.5000	2.0000
36	0	0	1.0000	0	0	4.0000	2.0000
37	0	0	1.0000	0	0	0.5000	6.0000
38	0	0	1.0000	0	0	1.5000	6.0000
39	0	0	1.0000	0	0	2.5000	6.0000
40	0	0	1.0000	0	0	4.0000	6.0000
41	0	0	1.0000	0	0	0.5000	10.0000
42	0	0	1.0000	0	0	1.5000	10.0000
43	0	0	1.0000	0	0	2.5000	10.0000
44	0	0	1.0000	0	0	4.0000	10.0000
45	0	0	1.0000	0	0	0.5000	15.0000
46	0	0	1.0000	0	0	1.5000	15.0000
47	0	0	1.0000	0	0	2.5000	15.0000
48	0	0	1.0000	0	0	4.0000	15.0000
49	0	0	0	1.0000	0	0.5000	2.0000
50	0	0	0	1.0000	0	1.5000	2.0000
51	0	0	0	1.0000	0	2.5000	2.0000
52	0	0	0	1.0000	0	4.0000	2.0000

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Regression Diagnostics

Case Number	Pearson Residual	Deviance Residual	Hat Matrix Diagonal	Intercept DfBeta	age1 DfBeta	age2 DfBeta	age3 DfBeta	age4 DfBeta	age5 DfBeta	tob DfBeta	alc DfBeta	Confidence Interval Displacement C	Confidence Interval Displacement CBar	Delta Deviance	Delta Chi-Square
27	-0.5613	-0.7650	0.0315	0.00851	0.00291	-0.0659	0.00251	0.00187	-0.00034	-0.0175	-0.0109	0.0106	0.0102	0.5954	0.3253
28	-0.5396	-0.7149	0.0292	0.0166	0.00544	-0.0523	0.00363	0.00231	-0.00207	-0.0449	-0.0102	0.00903	0.00877	0.5198	0.2999
29	2.0292	1.7559	0.0796	-0.0206	-0.0117	0.3410	-0.0306	-0.0304	-0.0263	-0.1641	0.2402	0.3870	0.3562	3.4394	4.4738
30	-1.0593	-1.3808	0.0923	0.0369	0.0148	-0.1958	0.0221	0.0199	0.0109	0.0183	-0.1447	0.1257	0.1141	2.0207	1.2363
31	0.5819	0.5701	0.1470	-0.0448	-0.0165	0.1386	-0.0190	-0.0159	-0.00458	0.0439	0.1075	0.0684	0.0583	0.3833	0.3969
32	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
33	-0.8771	-0.9833	0.1417	-0.1102	-0.0393	-0.0479	-0.1673	-0.0328	-0.00460	0.1583	0.2118	0.1479	0.1270	1.0938	0.8963
34	-1.1932	-1.6554	0.0663	-0.0643	-0.0245	-0.0363	-0.1504	-0.0276	-0.0116	0.0249	0.1936	0.1083	0.1011	2.8414	1.5248
35	-1.0913	-1.5002	0.0559	-0.0203	-0.00971	-0.0221	-0.1150	-0.0196	-0.0150	-0.0785	0.1507	0.0747	0.0705	2.3211	1.2616
36	-0.9383	-1.2616	0.0557	0.0177	0.00341	-0.00803	-0.0728	-0.0108	-0.0161	-0.1533	0.0984	0.0550	0.0519	1.6435	0.9324
37	0.5709	0.5530	0.1975	0.0620	0.0208	0.0197	0.1385	0.0111	-0.00511	-0.1477	-0.0585	0.1000	0.0802	0.3861	0.4062
38	0.1277	0.1267	0.1140	0.00380	0.00140	0.00189	0.0229	0.00137	0.000414	-0.00351	-0.00931	0.00237	0.00210	0.0182	0.0184
39	0.7637	0.7389	0.1176	-0.0181	-0.00463	0.00201	0.1244	0.00468	0.00980	0.1063	-0.0484	0.0881	0.0777	0.6237	0.6610
40	1.8293	1.7985	0.1292	-0.1449	-0.0439	-0.0208	0.2137	-0.00013	0.0390	0.5510	-0.0767	0.5699	0.4963	3.7308	3.8426
41	-0.8831	-0.9213	0.1602	-0.0226	-0.00460	0.00896	-0.1500	0.0124	0.0191	0.1853	-0.1148	0.1772	0.1488	0.9976	0.9287
42	0.3912	0.3882	0.1301	-0.0127	-0.00514	-0.00879	0.0606	-0.00710	-0.00401	-0.00820	0.0519	0.0263	0.0229	0.1735	0.1759
43	-1.2433	-1.2923	0.0566	0.0634	0.0221	0.0248	-0.1029	0.0160	-0.00032	-0.1137	-0.0985	0.0983	0.0928	1.7628	1.6386
44	-0.5311	-0.5220	0.0773	0.0469	0.0156	0.0144	-0.0352	0.00788	-0.00440	-0.1158	-0.0400	0.0256	0.0236	0.2962	0.3056
45	1.6654	2.0528	0.0771	-0.0467	-0.0219	-0.0488	0.1042	-0.0429	-0.0324	-0.1643	0.3295	0.2511	0.2318	4.4456	3.0053
46	0.2810	0.2870	0.0615	-0.0150	-0.00586	-0.00933	0.0151	-0.00733	-0.00365	-0.00148	0.0526	0.00551	0.00517	0.0875	0.0841
47	-0.4057	-0.3893	0.0419	0.0252	0.00925	0.0123	-0.0155	0.00886	0.00248	-0.0255	-0.0597	0.00751	0.00720	0.1588	0.1718
48	0.8135	1.1067	0.0568	-0.0737	-0.0258	-0.0293	0.0260	-0.0192	-0.00016	0.1282	0.1187	0.0422	0.0398	1.2646	0.7016
49	-1.0780	-1.1874	0.1882	-0.1712	-0.0612	-0.0751	-0.0638	-0.2120	-0.00787	0.2406	0.3348	0.3318	0.2694	1.6793	1.4314
50	0.2286	0.2245	0.0968	0.0151	0.00584	0.00895	0.00788	0.0310	0.00317	-0.00246	-0.0491	0.00620	0.00560	0.0560	0.0578
51	0.7264	0.6897	0.0817	0.0120	0.00659	0.0176	0.0164	0.0806	0.0138	0.0835	-0.1276	0.0511	0.0470	0.5226	0.5747
52	2.1404	1.9878	0.1036	-0.0772	-0.0175	0.0209	0.0242	0.1957	0.0550	0.5539	-0.3104	0.5903	0.5292	4.4806	5.1103

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<i>Case</i>							
<i>Number</i>	<i>age1</i>	<i>age2</i>	<i>age3</i>	<i>age4</i>	<i>age5</i>	<i>tob</i>	<i>alc</i>
53	0	0	0	1.0000	0	0.5000	6.0000
54	0	0	0	1.0000	0	1.5000	6.0000
55	0	0	0	1.0000	0	2.5000	6.0000
56	0	0	0	1.0000	0	4.0000	6.0000
57	0	0	0	1.0000	0	0.5000	10.0000
58	0	0	0	1.0000	0	1.5000	10.0000
59	0	0	0	1.0000	0	2.5000	10.0000
60	0	0	0	1.0000	0	4.0000	10.0000
61	0	0	0	1.0000	0	0.5000	15.0000
62	0	0	0	1.0000	0	1.5000	15.0000
63	0	0	0	1.0000	0	2.5000	15.0000
64	0	0	0	1.0000	0	4.0000	15.0000
65	0	0	0	0	1.0000	0.5000	2.0000
66	0	0	0	0	1.0000	1.5000	2.0000
67	0	0	0	0	1.0000	2.5000	2.0000
68	0	0	0	0	1.0000	4.0000	2.0000
69	0	0	0	0	1.0000	0.5000	6.0000
70	0	0	0	0	1.0000	1.5000	6.0000
71	0	0	0	0	1.0000	2.5000	6.0000
72	0	0	0	0	1.0000	4.0000	6.0000
73	0	0	0	0	1.0000	0.5000	10.0000
74	0	0	0	0	1.0000	1.5000	10.0000
75	0	0	0	0	1.0000	2.5000	10.0000
76	0	0	0	0	1.0000	4.0000	10.0000
77	0	0	0	0	1.0000	0.5000	15.0000
78	0	0	0	0	1.0000	1.5000	15.0000

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Case Number	Pearson Residual	Deviance Residual	Hat Matrix Diagonal	Intercept DfBeta	age1 DfBeta	age2 DfBeta	age3 DfBeta	age4 DfBeta	age5 DfBeta	tob DfBeta	alc DfBeta	Confidence Interval Displacement C	Confidence Interval Displacement CBar	Delta Deviance	Delta Chi-Square
53	0.3729	0.3677	0.2198	0.0437	0.0146	0.0133	0.0107	0.0829	-0.00423	-0.1089	-0.0363	0.0502	0.0392	0.1744	0.1782
54	0.1079	0.1075	0.1094	0.00213	0.000816	0.00123	0.00108	0.0164	0.000408	-0.00063	-0.00661	0.00160	0.00143	0.0130	0.0131
55	-1.1012	-1.1389	0.1309	0.0475	0.0136	0.00282	0.000294	-0.1609	-0.0170	-0.2130	0.0588	0.2102	0.1827	1.4797	1.3954
56	-0.0676	-0.0675	0.1088	0.00558	0.00172	0.000949	0.000631	-0.00564	-0.00134	-0.0200	0.00171	0.000625	0.000557	0.00512	0.00512
57	0.7646	0.7585	0.1666	0.0106	0.000367	-0.0138	-0.0139	0.1039	-0.0192	-0.1648	0.1347	0.1402	0.1168	0.6921	0.7014
58	0.1597	0.1598	0.1155	-0.00767	-0.00298	-0.00464	-0.00409	0.0182	-0.00171	0.000433	0.0257	0.00376	0.00333	0.0289	0.0288
59	-0.5688	-0.5613	0.0550	0.0355	0.0124	0.0139	0.0116	-0.0358	-0.00017	-0.0636	-0.0552	0.0199	0.0188	0.3339	0.3423
60	1.1687	1.5330	0.0599	-0.0982	-0.0328	-0.0308	-0.0247	0.0505	0.00859	0.2377	0.0887	0.0926	0.0871	2.4373	1.4530
61	-1.4989	-1.4236	0.1461	0.0820	0.0366	0.0752	0.0685	-0.0918	0.0457	0.2039	-0.4908	0.4502	0.3844	2.4110	2.6310
62	0.4360	0.4563	0.0755	-0.0306	-0.0118	-0.0183	-0.0161	0.0175	-0.00665	0.00304	0.1011	0.0168	0.0155	0.2237	0.2056
63	-0.8892	-0.7906	0.0282	0.0496	0.0181	0.0238	0.0205	-0.0182	0.00450	-0.0528	-0.1145	0.0236	0.0229	0.6480	0.8136
64	-0.6902	-0.6205	0.0550	0.0650	0.0227	0.0259	0.0217	-0.0146	0.000130	-0.1132	-0.1046	0.0294	0.0277	0.4128	0.5042
65	-0.6180	-0.6399	0.2656	-0.0941	-0.0340	-0.0431	-0.0368	-0.0302	-0.1711	0.1174	0.1993	0.1881	0.1381	0.5476	0.5200
66	0.9153	0.8674	0.0965	0.0294	0.0124	0.0232	0.0209	0.0193	0.1354	0.0420	-0.1439	0.0990	0.0895	0.8418	0.9272
67	0.1503	0.1488	0.0774	-0.00145	-0.00007	0.00180	0.00182	0.00205	0.0182	0.0219	-0.0177	0.00205	0.00190	0.0240	0.0245
68	-1.1419	-1.4170	0.0501	0.0406	0.0112	-0.00035	-0.00242	-0.00626	-0.0864	-0.2048	0.0736	0.0723	0.0687	2.0765	1.3726
69	2.5263	2.4185	0.2682	0.1545	0.0485	0.0317	0.0227	0.00986	0.7335	-0.5099	0.00143	3.1954	2.3385	8.1875	8.7208
70	-0.6061	-0.6169	0.0846	0.0110	0.00354	0.00269	0.00204	0.00114	-0.0865	-0.0328	-0.00354	0.0371	0.0340	0.4145	0.4013
71	0.3673	0.3676	0.1095	-0.0237	-0.00753	-0.00538	-0.00399	-0.00204	0.0555	0.0738	0.00418	0.0186	0.0166	0.1517	0.1515
72	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
73	-0.5995	-0.5979	0.1534	0.0176	0.00834	0.0188	0.0173	0.0166	-0.0927	0.0654	-0.1277	0.0769	0.0651	0.4226	0.4245
74	-2.2367	-2.1745	0.1273	0.1758	0.0650	0.0887	0.0767	0.0648	-0.3319	-0.1526	-0.4415	0.8363	0.7299	5.4582	5.7326
75	-0.2488	-0.2433	0.0355	0.0136	0.00476	0.00534	0.00446	0.00345	-0.0165	-0.0244	-0.0212	0.00236	0.00228	0.0615	0.0642
76	0.4469	0.6035	0.0152	-0.0186	-0.00626	-0.00609	-0.00493	-0.00350	0.0154	0.0429	0.0189	0.00313	0.00308	0.3673	0.2028
77	-0.3076	-0.2967	0.0544	0.0133	0.00544	0.00958	0.00858	0.00783	-0.0165	0.0119	-0.0576	0.00576	0.00544	0.0935	0.1001
78	-1.5146	-1.2362	0.0205	0.0593	0.0224	0.0326	0.0284	0.0245	-0.0521	-0.0303	-0.1710	0.0490	0.0480	1.5762	2.3421

The LOGISTIC Procedure

*Regression Diagnostics**Covariates*

<i>Case</i>								
<i>Number</i>	<i>age1</i>	<i>age2</i>	<i>age3</i>	<i>age4</i>	<i>age5</i>	<i>tob</i>	<i>alc</i>	
79	0	0	0	0	1.0000	2.5000	15.0000	
80	0	0	0	0	1.0000	4.0000	15.0000	
81	0	0	0	0	0	0.5000	2.0000	
82	0	0	0	0	0	1.5000	2.0000	
83	0	0	0	0	0	2.5000	2.0000	
84	0	0	0	0	0	4.0000	2.0000	
85	0	0	0	0	0	0.5000	6.0000	
86	0	0	0	0	0	1.5000	6.0000	
87	0	0	0	0	0	2.5000	6.0000	
88	0	0	0	0	0	4.0000	6.0000	
89	0	0	0	0	0	0.5000	10.0000	
90	0	0	0	0	0	1.5000	10.0000	
91	0	0	0	0	0	2.5000	10.0000	
92	0	0	0	0	0	4.0000	10.0000	
93	0	0	0	0	0	0.5000	15.0000	
94	0	0	0	0	0	1.5000	15.0000	
95	0	0	0	0	0	2.5000	15.0000	
96	0	0	0	0	0	4.0000	15.0000	

The LOGISTIC Procedure

Regression Diagnostics

Case Number	Pearson Residual	Deviance Residual	Hat Matrix Diagonal	Intercept DfBeta	age1 DfBeta	age2 DfBeta	age3 DfBeta	age4 DfBeta	age5 DfBeta	tob DfBeta	alc DfBeta	Confidence Interval Displacement C	Confidence Interval Displacement CBar	Delta Deviance	Delta Chi-Square
79	0.3213	0.4433	0.00871	-0.0101	-0.00366	-0.00469	-0.00402	-0.00331	0.00708	0.0121	0.0219	0.000915	0.000907	0.1974	0.1041
80	0.2363	0.3297	0.00768	-0.00790	-0.00276	-0.00314	-0.00262	-0.00204	0.00441	0.0138	0.0127	0.000436	0.000432	0.1091	0.0563
81	-0.9483	-1.0555	0.3046	-0.7431	0.2094	0.4728	0.6048	0.6332	0.6431	0.1629	0.1425	0.5664	0.3939	1.5081	1.2933
82	0.9360	0.8650	0.1282	0.3607	-0.1184	-0.2535	-0.3209	-0.3335	-0.3312	0.00391	-0.0712	0.1478	0.1288	0.8771	1.0049
83	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
84	-0.1912	-0.1931	0.1360	-0.0531	0.0257	0.0492	0.0608	0.0620	0.0582	-0.0415	0.0115	0.00666	0.00575	0.0430	0.0423
85	0.5170	0.5024	0.1497	0.2170	-0.0738	-0.1614	-0.2020	-0.2098	-0.2083	-0.0494	0.0169	0.0553	0.0471	0.2994	0.3143
86	-0.1877	-0.1896	0.0980	-0.0566	0.0224	0.0468	0.0580	0.0598	0.0581	-0.00134	-0.00537	0.00424	0.00383	0.0398	0.0391
87	-1.6857	-1.9996	0.1100	-0.4840	0.2238	0.4469	0.5490	0.5622	0.5341	-0.1556	-0.0556	0.3945	0.3511	4.3493	3.1926
88	0.7558	0.9507	0.0437	0.0965	-0.0569	-0.1071	-0.1298	-0.1316	-0.1209	0.0859	0.0148	0.0273	0.0261	0.9299	0.5974
89	0.9295	1.1160	0.0397	0.1543	-0.0632	-0.1345	-0.1651	-0.1702	-0.1654	-0.0366	0.0616	0.0372	0.0357	1.2812	0.8997
90	0.7574	0.9523	0.0357	0.1104	-0.0528	-0.1076	-0.1310	-0.1341	-0.1276	0.00432	0.0495	0.0220	0.0212	0.9281	0.5950
91	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
92	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
93	0.6952	0.9304	0.0650	0.1171	-0.0606	-0.1255	-0.1507	-0.1541	-0.1460	-0.0296	0.1053	0.0359	0.0336	0.8993	0.5169
94	0.4006	0.5455	0.0241	0.0360	-0.0219	-0.0436	-0.0519	-0.0528	-0.0490	0.00229	0.0363	0.00407	0.00397	0.3016	0.1644
95	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
96	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.



The LOGISTIC Procedure

