The SURVEYLOGISTIC Procedure

Model Information		
Data Set	NCSR.NCSR	
Response Variable	DSM_PTS	DSM-IV Posttraumatic Stress Disorder (LifeT)
Number of Response Levels	2	
Weight Variable	NCSRWTLG	NCSR sample part 2 weight
Model	Binary Logit	
Optimization Technique	Fisher's Scoring	
Variance Adjustment	Degrees of Freedom (DF)	

Variance Estimation	
Method	Taylor Series
Variance Adjustment	Degrees of Freedom (DF)

Number of Observations Read	749
Number of Observations Used	745
Sum of Weights Read	488.9316
Sum of Weights Used	488.9316

Response Profile			
Ordered Value	DSM_PTS	Total Frequency	Total Weight
1	0	152	102.88170
2	(1) ENDORSED	593	386.04990

Probability modeled is DSM_PTS='(1) ENDORSED'.

Note: 4 observations having nonpositive frequencies or weights were excluded since they do not contribute to the analysis.

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

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	505.125	514.593
SC	509.738	606.861
-2 Log L	503.125	474.593

The SURVEYLOGISTIC Procedure

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	28.5316	19	0.0737
Score	28.1012	19	0.0815
Wald	29.5866	19	0.0573

Analysis of Maximum Likelihood Estimates					
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept	1	-0.5072	0.6841	0.5495	0.4585
SEXF	1	0.0423	0.3014	0.0197	0.8883
PT41	1	-0.5409	0.4415	1.5012	0.2205
PT42	1	0.00988	0.3326	0.0009	0.9763
PT43	1	-0.3875	0.3103	1.5599	0.2117
PT44	1	0.1049	0.2705	0.1504	0.6981
PT45	1	-0.1228	0.2972	0.1708	0.6794
PT46	1	0.5629	0.2640	4.5482	0.0330
PT48	1	0.2088	0.2651	0.6199	0.4311
PT50	1	0.2516	0.2870	0.7683	0.3807
PT50_1	1	0.3238	0.2984	1.1774	0.2779
PT51	1	0.1865	0.2478	0.5663	0.4517
PT55	1	-0.0493	0.3064	0.0259	0.8722
PT209	1	0.2343	0.2455	0.9108	0.3399
PT211	1	-0.1277	0.2586	0.2441	0.6213
PT212	1	0.2929	0.2792	1.1007	0.2941
PT213	1	0.0365	0.2803	0.0170	0.8964
PT214	1	0.5516	0.2565	4.6256	0.0315
PT233	1	0.8677	0.2987	8.4415	0.0037
PT237	1	0.1900	0.2892	0.4320	0.5110

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
SEXF	1.043	0.578	1.883
PT41	0.582	0.245	1.383
PT42	1.010	0.526	1.938
PT43	0.679	0.370	1.247
PT44	1.111	0.654	1.887

The SURVEYLOGISTIC Procedure

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
PT45	0.884	0.494	1.583
PT46	1.756	1.047	2.945
PT48	1.232	0.733	2.072
PT50	1.286	0.733	2.257
PT50_1	1.382	0.770	2.481
PT51	1.205	0.741	1.958
PT55	0.952	0.522	1.736
PT209	1.264	0.781	2.045
PT211	0.880	0.530	1.461
PT212	1.340	0.775	2.317
PT213	1.037	0.599	1.796
PT214	1.736	1.050	2.870
PT233	2.381	1.326	4.276
PT237	1.209	0.686	2.131

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	62.4	Somers' D	0.255
Percent Discordant	36.9	Gamma	0.257
Percent Tied	0.6	Tau-a	0.083
Pairs	90136	c	0.627

The SURVEYLOGISTIC Procedure

Parameter	Intercept	SEXF	PT41	PT42	PT43	PT44	PT45	PT46	PT48	PT50	PT50_1
Intercept	0.468043	-0.1541	0.043084	0.053612	-0.02996	-0.06869	0.03493	-0.00976	-0.03212	-0.02395	-0.02562
SEXF	-0.1541	0.090853	0.012627	-0.01688	0.013818	0.025381	-0.02787	-0.01296	-0.0072	0.00629	-0.00272
PT41	0.043084	0.012627	0.194918	0.056558	-0.01921	-0.02193	-0.05097	-0.02882	-0.04167	-0.01679	-0.07387
PT42	0.053612	-0.01688	0.056558	0.110635	0.006253	-0.03223	-0.04263	-0.00163	-0.03202	-0.00683	-0.03197
PT43	-0.02996	0.013818	-0.01921	0.006253	0.096261	-0.00897	0.000897	-0.00065	-0.00053	0.006429	-0.00094
PT44	-0.06869	0.025381	-0.02193	-0.03223	-0.00897	0.073167	-0.00033	-0.00093	0.00461	-0.00494	0.010328
PT45	0.03493	-0.02787	-0.05097	-0.04263	0.000897	-0.00033	0.088301	-0.01163	0.011993	0.003252	0.017836
PT46	-0.00976	-0.01296	-0.02882	-0.00163	-0.00065	-0.00093	-0.01163	0.069671	0.009494	-0.00015	0.001991
PT48	-0.03212	-0.0072	-0.04167	-0.03202	-0.00053	0.00461	0.011993	0.009494	0.070297	-0.00011	0.02906
PT50	-0.02395	0.00629	-0.01679	-0.00683	0.006429	-0.00494	0.003252	-0.00015	-0.00011	0.082372	-0.00717
PT50_1	-0.02562	-0.00272	-0.07387	-0.03197	-0.00094	0.010328	0.017836	0.001991	0.02906	-0.00717	0.089063
PT51	-0.02123	0.006757	-0.0247	-0.0031	-0.00604	-0.00923	-0.00001	0.013038	-0.00495	-0.00135	0.004185
PT55	-0.01371	0.000783	-0.02479	-0.00353	0.008778	-0.0002	0.00151	-0.00337	0.018417	-0.00061	0.015137
PT209	-0.04438	0.008668	-0.00267	0.007758	-0.00692	0.003809	-0.01098	0.001046	-0.00696	0.006791	-0.00342
PT211	-0.01752	-0.0011	0.003936	0.01129	0.004326	-0.00603	0.000532	-0.00066	-0.00777	0.004314	-0.00661
PT212	-0.05805	0.010731	0.011949	0.004881	-0.00528	0.005221	-0.01249	0.003328	-0.00124	-0.00176	-0.00155
PT213	0.001723	-0.00426	0.01911	0.000981	-0.00517	0.002864	-0.00156	-0.01704	-0.01459	-0.00499	-0.01901
PT214	-0.01621	0.014903	0.033286	0.015811	-0.00182	-0.00188	-0.01744	0.00155	-0.01817	0.000066	-0.01868
PT233	-0.03702	-0.00898	-0.01155	-0.00712	0.005887	0.005063	0.007527	0.009213	0.000632	0.006129	-0.00009
PT237	-0.03653	-0.004	-0.04924	-0.02869	0.001944	0.007102	0.012052	0.01306	0.031715	-0.00431	0.027627

Estimated Covariance Matrix

The SURVEYLOGISTIC Procedure

Parameter	PT51	PT55	PT209	PT211	PT212	PT213	PT214	PT233	PT237
Estimated Covariance Matrix									
Intercept	-0.02123	-0.01371	-0.04438	-0.01752	-0.05805	0.001723	-0.01621	-0.03702	-0.03653
SEXF	0.006757	0.000783	0.008668	-0.0011	0.010731	-0.00426	0.014903	-0.00898	-0.004
PT41	-0.0247	-0.02479	-0.00267	0.003936	0.011949	0.01911	0.033286	-0.01155	-0.04924
PT42	-0.0031	-0.00353	0.007758	0.01129	0.004881	0.000981	0.015811	-0.00712	-0.02869
PT43	-0.00604	0.008778	-0.00692	0.004326	-0.00528	-0.00517	-0.00182	0.005887	0.001944
PT44	-0.00923	-0.0002	0.003809	-0.00603	0.005221	0.002864	-0.00188	0.005063	0.007102
PT45	-0.00001	0.00151	-0.01098	0.000532	-0.01249	-0.00156	-0.01744	0.007527	0.012052
PT46	0.013038	-0.00337	0.001046	-0.00066	0.003328	-0.01704	0.00155	0.009213	0.01306
PT48	-0.00495	0.018417	-0.00696	-0.00777	-0.00124	-0.01459	-0.01817	0.000632	0.031715
PT50	-0.00135	-0.00061	0.006791	0.004314	-0.00176	-0.00499	0.000066	0.006129	-0.00431
PT50_1	0.004185	0.015137	-0.00342	-0.00661	-0.00155	-0.01901	-0.01868	-0.00009	0.027627
PT51	0.061395	-0.00828	0.007887	0.001494	0.002965	-0.00704	-0.00115	-0.00724	-0.00399
PT55	-0.00828	0.09391	-0.01233	-0.00874	0.001973	-0.01724	-0.01436	0.004806	0.023376
PT209	0.007887	-0.01233	0.060252	0.005453	0.008743	0.005261	-0.00201	-0.0127	-0.01455
PT211	0.001494	-0.00874	0.005453	0.066858	-0.00766	-0.00888	-0.0006	-0.01174	-0.0076
PT212	0.002965	0.001973	0.008743	-0.00766	0.077962	-0.01437	0.002557	-0.01157	-0.00667
PT213	-0.00704	-0.01724	0.005261	-0.00888	-0.01437	0.078556	0.003342	-0.00231	-0.01981
PT214	-0.00115	-0.01436	-0.00201	-0.0006	0.002557	0.003342	0.065778	0.001946	-0.02744
PT233	-0.00724	0.004806	-0.0127	-0.01174	-0.01157	-0.00231	0.001946	0.089196	0.004195
PT237	-0.00399	0.023376	-0.01455	-0.0076	-0.00667	-0.01981	-0.02744	0.004195	0.083611

The SURVEYLOGISTIC Procedure

Model Information		
Data Set	NCSR.NCSR	
Response Variable	DSM_PTS	DSM-IV Posttraumatic Stress Disorder (LifeT)
Number of Response Levels	2	
Weight Variable	NCSRWTLG	NCSR sample part 2 weight
Model	Binary Logit	
Optimization Technique	Fisher's Scoring	
Variance Adjustment	Degrees of Freedom (DF)	

Variance Estimation	
Method	Taylor Series
Variance Adjustment	Degrees of Freedom (DF)

Number of Observations Read	376
Number of Observations Used	373
Sum of Weights Read	229.8149
Sum of Weights Used	229.8149

Response Profile			
Ordered Value	DSM_PTS	Total Frequency	Total Weight
1	0	86	56.65710
2	(1) ENDORSED	287	173.15780

Probability modeled is DSM_PTS='(1) ENDORSED'.

Note: 3 observations having nonpositive frequencies or weights were excluded since they do not contribute to the analysis.

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

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	258.701	278.122
SC	262.622	356.553
-2 Log L	256.701	238.122

The SURVEYLOGISTIC Procedure

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	18.5790	19	0.4841
Score	17.9036	19	0.5289
Wald	23.4275	19	0.2190

Analysis of Maximum Likelihood Estimates					
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept	1	0.0969	0.9282	0.0109	0.9168
SEXF	1	-0.3655	0.4445	0.6761	0.4109
PT41	1	-0.5927	0.5503	1.1601	0.2814
PT42	1	-0.3466	0.4247	0.6658	0.4145
PT43	1	-0.5129	0.4160	1.5201	0.2176
PT44	1	0.1143	0.3899	0.0860	0.7693
PT45	1	-0.3166	0.3668	0.7449	0.3881
PT46	1	0.7300	0.3706	3.8811	0.0488
PT48	1	0.2531	0.3453	0.5376	0.4634
PT50	1	0.2145	0.3649	0.3456	0.5566
PT50_1	1	0.4623	0.4144	1.2444	0.2646
PT51	1	0.0863	0.3525	0.0599	0.8066
PT55	1	-0.4782	0.4679	1.0448	0.3067
PT209	1	0.6258	0.3349	3.4921	0.0617
PT211	1	-0.2510	0.3883	0.4178	0.5180
PT212	1	0.3473	0.4057	0.7327	0.3920
PT213	1	0.0752	0.4083	0.0339	0.8538
PT214	1	0.5199	0.3407	2.3286	0.1270
PT233	1	0.7264	0.4564	2.5335	0.1115
PT237	1	0.0875	0.4085	0.0459	0.8303

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
SEXF	0.694	0.290	1.658
PT41	0.553	0.188	1.626
PT42	0.707	0.308	1.626
PT43	0.599	0.265	1.353
PT44	1.121	0.522	2.407

The SURVEYLOGISTIC Procedure

Odds Ratio Estimates		
Effect	**Point Estimate**	**95% Wald Confidence Limits**
PT45	0.729	0.355	1.495
PT46	2.075	1.004	4.290
PT48	1.288	0.655	2.534
PT50	1.239	0.606	2.534
PT50_1	1.588	0.705	3.577
PT51	1.090	0.546	2.175
PT55	0.620	0.248	1.551
PT209	1.870	0.970	3.604
PT211	0.778	0.364	1.665
PT212	1.415	0.639	3.135
PT213	1.078	0.484	2.400
PT214	1.682	0.863	3.279
PT233	2.068	0.845	5.058
PT237	1.091	0.490	2.431

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	64.6	**Somers' D**	0.297
Percent Discordant	34.9	**Gamma**	0.299
Percent Tied	0.5	**Tau-a**	0.106
Pairs	24682	**c**	0.649

The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix										
Parameter	Intercept	SEXF	PT41	PT42	PT43	PT44	PT45	PT46	PT48	PT50	PT50_1
Intercept	0.861483	-0.3192	0.072095	0.118093	-0.01531	-0.123	0.042406	0.00138	-0.0841	-0.03996	-0.0936
SEXF	-0.3192	0.197609	0.017225	-0.03819	0.006119	0.061807	-0.02763	-0.03372	0.000108	0.035188	0.010928
PT41	0.072095	0.017225	0.302789	0.088705	-0.04406	-0.05838	-0.04373	-0.02079	-0.05857	-0.00459	-0.13491
PT42	0.118093	-0.03819	0.088705	0.180398	0.017658	-0.05826	-0.04235	-0.00633	-0.05451	0.018134	-0.07841
PT43	-0.01531	0.006119	-0.04406	0.017658	0.173032	0.008623	0.006646	-0.01246	-0.00504	0.004181	0.007296
PT44	-0.123	0.061807	-0.05838	-0.05826	0.008623	0.152013	-0.00092	-0.00724	0.025839	-0.01016	0.023915
PT45	0.042406	-0.02763	-0.04373	-0.04235	0.006646	-0.00092	0.134539	-0.04529	-0.00174	-0.00581	0.034476
PT46	0.00138	-0.03372	-0.02079	-0.00633	-0.01246	-0.00724	-0.04529	0.137319	0.020892	-0.02465	-0.01077
PT48	-0.0841	0.000108	-0.05857	-0.05451	-0.00504	0.025839	-0.00174	0.020892	0.119198	-0.01511	0.048932
PT50	-0.03996	0.035188	-0.00459	0.018134	0.004181	-0.01016	-0.00581	-0.02465	-0.01511	0.133132	-0.01994
PT50_1	-0.0936	0.010928	-0.13491	-0.07841	0.007296	0.023915	0.034476	-0.01077	0.048932	-0.01994	0.171752
PT51	-0.03082	0.008345	-0.02868	-0.00249	-0.02352	-0.01863	-0.01831	0.040046	-0.01399	-0.0081	-0.0026
PT55	-0.04097	0.011744	-0.06575	-0.01179	0.022724	0.022391	0.004279	-0.00821	0.031046	0.017894	0.024086
PT209	-0.1052	0.035083	-0.01925	-0.00852	0.000236	0.01062	-0.01428	0.015028	-0.0013	-0.00573	0.017045
PT211	-0.02072	0.014102	0.012491	0.004987	0.009837	-0.0031	0.000298	-0.00918	-0.0299	-0.0087	-0.00738
PT212	-0.06594	-0.00946	0.017794	0.008141	-0.01805	0.002977	-0.0101	0.021015	0.018317	-0.00113	-0.00081
PT213	-0.00982	-0.00218	0.028719	0.010513	0.008064	-0.00867	0.008626	-0.05648	-0.02	0.001078	-0.02009
PT214	0.036429	-0.00218	0.048569	0.023251	-0.01535	-0.0267	-0.02528	0.002036	-0.03376	-0.00352	-0.03186
PT233	-0.00871	-0.05608	-0.01872	0.00405	0.003411	-0.02117	-0.00185	0.027734	0.010781	-0.00155	-0.01083
PT237	-0.04508	-0.02924	-0.08581	-0.06097	-0.01601	0.001167	-0.00184	0.027253	0.053809	-0.02484	0.054844

The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix									
Parameter	**PT51**	**PT55**	**PT209**	**PT211**	**PT212**	**PT213**	**PT214**	**PT233**	**PT237**
Intercept	-0.03082	-0.04097	-0.1052	-0.02072	-0.06594	-0.00982	0.036429	-0.00871	-0.04508
SEXF	0.008345	0.011744	0.035083	0.014102	-0.00946	-0.00218	-0.00218	-0.05608	-0.02924
PT41	-0.02868	-0.06575	-0.01925	0.012491	0.017794	0.028719	0.048569	-0.01872	-0.08581
PT42	-0.00249	-0.01179	-0.00852	0.004987	0.008141	0.010513	0.023251	0.00405	-0.06097
PT43	-0.02352	0.022724	0.000236	0.009837	-0.01805	0.008064	-0.01535	0.003411	-0.01601
PT44	-0.01863	0.022391	0.01062	-0.0031	0.002977	-0.00867	-0.0267	-0.02117	0.001167
PT45	-0.01831	0.004279	-0.01428	0.000298	-0.0101	0.008626	-0.02528	-0.00185	-0.00184
PT46	0.040046	-0.00821	0.015028	-0.00918	0.021015	-0.05648	0.002036	0.027734	0.027253
PT48	-0.01399	0.031046	-0.0013	-0.0299	0.018317	-0.02	-0.03376	0.010781	0.053809
PT50	-0.0081	0.017894	-0.00573	-0.0087	-0.00113	0.001078	-0.00352	-0.00155	-0.02484
PT50_1	-0.0026	0.024086	0.017045	-0.00738	-0.00081	-0.02009	-0.03186	-0.01083	0.054844
PT51	0.12423	-0.03308	0.019738	0.016756	0.000108	-0.04234	0.015592	-0.01183	0.006793
PT55	-0.03308	0.218903	-0.01071	-0.02412	0.011551	-0.00725	-0.02834	-0.01258	0.032346
PT209	0.019738	-0.01071	0.112136	0.011375	-0.00151	-0.0201	-0.00561	-0.03694	-0.00195
PT211	0.016756	-0.02412	0.011375	0.150749	-0.0437	-0.02082	-0.00937	-0.04136	-0.02328
PT212	0.000108	0.011551	-0.00151	-0.0437	0.16461	-0.0264	-0.00275	-0.01777	0.004205
PT213	-0.04234	-0.00725	-0.0201	-0.02082	-0.0264	0.166716	0.002837	0.002967	-0.03179
PT214	0.015592	-0.02834	-0.00561	-0.00937	-0.00275	0.002837	0.116057	0.001709	-0.03646
PT233	-0.01183	-0.01258	-0.03694	-0.04136	-0.01777	0.002967	0.001709	0.208296	0.007135
PT237	0.006793	0.032346	-0.00195	-0.02328	0.004205	-0.03179	-0.03646	0.007135	0.166845

The SURVEYLOGISTIC Procedure

Model Information		
Data Set	NCSR.NCSR	
Response Variable	DSM_PTS	DSM-IV Posttraumatic Stress Disorder (LifeT)
Number of Response Levels	2	
Weight Variable	NCSRWTLG	NCSR sample part 2 weight
Model	Binary Logit	
Optimization Technique	Fisher's Scoring	
Variance Adjustment	Degrees of Freedom (DF)	

Variance Estimation	
Method	Taylor Series
Variance Adjustment	Degrees of Freedom (DF)

Number of Observations Read	749
Number of Observations Used	745
Sum of Weights Read	488.9316
Sum of Weights Used	488.9316

Response Profile			
Ordered Value	DSM_PTS	Total Frequency	Total Weight
1	0	152	102.88170
2	(1) ENDORSED	593	386.04990

Probability modeled is DSM_PTS='(1) ENDORSED'.

Note: 4 observations having nonpositive frequencies or weights were excluded since they do not contribute to the analysis.

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

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	505.125	511.474
SC	509.738	617.582
-2 Log L	503.125	465.474

The SURVEYLOGISTIC Procedure

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	37.6506	22	0.0200
Score	37.5993	22	0.0203
Wald	38.3458	22	0.0168

Analysis of Maximum Likelihood Estimates					
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept	1	-0.4132	0.6731	0.3768	0.5393
SEXF	1	0.0545	0.3027	0.0324	0.8572
RHISP	1	-0.1224	0.4319	0.0803	0.7769
RBLK	1	-0.7257	0.2930	6.1333	0.0133
ROTH	1	-1.0832	0.5682	3.6342	0.0566
PT41	1	-0.5630	0.3717	2.2948	0.1298
PT42	1	0.0676	0.3002	0.0507	0.8219
PT43	1	-0.3992	0.3058	1.7039	0.1918
PT44	1	0.0901	0.2690	0.1121	0.7378
PT45	1	-0.1795	0.2873	0.3903	0.5321
PT46	1	0.5464	0.2623	4.3378	0.0373
PT48	1	0.2042	0.2471	0.6830	0.4086
PT50	1	0.3132	0.3001	1.0890	0.2967
PT50_1	1	0.3674	0.2832	1.6831	0.1945
PT51	1	0.2179	0.2455	0.7876	0.3748
PT55	1	-0.1700	0.3063	0.3079	0.5790
PT209	1	0.2889	0.2480	1.3568	0.2441
PT211	1	-0.0840	0.2583	0.1057	0.7451
PT212	1	0.2417	0.2782	0.7548	0.3850
PT213	1	0.0640	0.2710	0.0558	0.8132
PT214	1	0.5984	0.2472	5.8576	0.0155
PT233	1	0.9260	0.3089	8.9871	0.0027
PT237	1	0.1489	0.2646	0.3166	0.5736

The SURVEYLOGISTIC Procedure

Odds Ratio Estimates		
Effect	**Point Estimate**	**95% Wald Confidence Limits**
SEXF	1.056	0.583	1.911
RHISP	0.885	0.379	2.063
RBLK	0.484	0.273	0.860
ROTH	0.338	0.111	1.031
PT41	0.569	0.275	1.180
PT42	1.070	0.594	1.927
PT43	0.671	0.368	1.222
PT44	1.094	0.646	1.854
PT45	0.836	0.476	1.468
PT46	1.727	1.033	2.888
PT48	1.227	0.756	1.991
PT50	1.368	0.760	2.463
PT50_1	1.444	0.829	2.515
PT51	1.243	0.769	2.012
PT55	0.844	0.463	1.538
PT209	1.335	0.821	2.171
PT211	0.919	0.554	1.526
PT212	1.273	0.738	2.197
PT213	1.066	0.627	1.813
PT214	1.819	1.121	2.953
PT233	2.524	1.378	4.625
PT237	1.161	0.691	1.950

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	63.4	**Somers' D**	0.274
Percent Discordant	36.0	**Gamma**	0.276
Percent Tied	0.6	**Tau-a**	0.089
Pairs	90136	**c**	0.637

The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix												
Parameter	Intercept	SEXF	RHISP	RBLK	ROTH	PT41	PT42	PT43	PT44	PT45	PT46	PT48
Intercept	0.453117	-0.15249	-0.00748	0.022038	-0.00123	0.030642	0.051157	-0.02922	-0.0678	0.037909	-0.00352	-0.03159
SEXF	-0.15249	0.091624	0.007838	-0.01741	0.012188	0.0028	-0.02564	0.014535	0.028805	-0.02484	-0.01471	-0.00214
RHISP	-0.00748	0.007838	0.186565	0.016022	0.020503	-0.01389	-0.01967	-0.00928	0.007622	0.010778	0.002593	-0.00686
RBLK	0.022038	-0.01741	0.016022	0.085867	0.032461	0.017702	0.00971	-0.00124	-0.00562	0.001776	0.001584	-0.0031
ROTH	-0.00123	0.012188	0.020503	0.032461	0.322883	0.077132	0.024325	-0.00416	-0.00533	-0.01706	-0.01222	-0.03148
PT41	0.030642	0.0028	-0.01389	0.017702	0.077132	0.138136	0.015074	-0.01312	-0.01166	-0.02588	-0.01623	-0.01195
PT42	0.051157	-0.02564	-0.01967	0.00971	0.024325	0.015074	0.09011	0.007587	-0.0261	-0.02871	0.008081	-0.01653
PT43	-0.02922	0.014535	-0.00928	-0.00124	-0.00416	-0.01312	0.007587	0.093507	-0.00829	-0.00177	-0.00107	-0.00317
PT44	-0.0678	0.028805	0.007622	-0.00562	-0.00533	-0.01166	-0.0261	-0.00829	0.072382	-0.00488	-0.00225	0.000393
PT45	0.037909	-0.02484	0.010778	0.001776	-0.01706	-0.02588	-0.02871	-0.00177	-0.00488	0.082532	-0.01673	0.000028
PT46	-0.00352	-0.01471	0.002593	0.001584	-0.01222	-0.01623	0.008081	-0.00107	-0.00225	-0.01673	0.068827	0.005838
PT48	-0.03159	-0.00214	-0.00686	-0.0031	-0.03148	-0.01195	-0.01653	-0.00317	0.000393	0.000028	0.005838	0.061047
PT50	-0.02658	0.008737	-0.00971	-0.00508	-0.02033	-0.01814	-0.0085	0.00375	-0.00112	0.000519	-0.00171	0.000285
PT50_1	-0.01008	0.000048	-0.01923	-0.01087	-0.03965	-0.04463	-0.01338	-0.00455	0.00393	0.006628	-0.00435	0.014943
PT51	-0.01431	0.006171	0.007098	0.001064	-0.00711	-0.01708	0.001548	-0.00662	-0.01032	-0.00198	0.009647	-0.00775
PT55	-0.00808	0.001031	0.002457	0.004212	0.006292	-0.00636	0.004684	0.003452	-0.00103	-0.0063	-0.00624	0.011775
PT209	-0.04667	0.006289	-0.00697	-0.00406	0.00385	-0.01296	0.00163	-0.007	0.005089	-0.00679	0.002414	-0.00233
PT211	-0.02311	-0.00136	0.000033	0.003102	0.001983	-0.00343	0.007386	0.00506	-0.00465	0.004788	-0.00125	-0.00428
PT212	-0.04867	0.00362	0.010417	-0.00162	0.006981	0.003163	-0.00082	-0.00664	0.002235	-0.00732	0.004172	0.003899
PT213	-0.00839	-0.00144	-0.009	0.004114	0.002354	0.006209	-0.0043	-0.00033	0.004842	0.002233	-0.01361	-0.0107
PT214	-0.01516	0.01158	0.007246	-0.00737	0.019868	0.006724	-0.0019	-0.00092	0.003328	-0.00611	0.004691	-0.00809
PT233	-0.04122	-0.00703	-0.01675	-0.0041	-0.00335	-0.00646	-0.00366	0.008486	0.00505	0.003171	0.010502	0.000084
PT237	-0.02541	-0.00182	0.003975	-0.0063	-0.041	-0.01562	-0.00567	-0.00176	0.000324	-0.00142	0.006524	0.017307

The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix											
Parameter	PT50	PT50_1	PT51	PT55	PT209	PT211	PT212	PT213	PT214	PT233	PT237
Intercept	-0.02658	-0.01008	-0.01431	-0.00808	-0.04667	-0.02311	-0.04867	-0.00839	-0.01516	-0.04122	-0.02541
SEXF	0.008737	0.000048	0.006171	0.001031	0.006289	-0.00136	0.00362	-0.00144	0.01158	-0.00703	-0.00182
RHISP	-0.00971	-0.01923	0.007098	0.002457	-0.00697	0.000033	0.010417	-0.009	0.007246	-0.01675	0.003975
RBLK	-0.00508	-0.01087	0.001064	0.004212	-0.00406	0.003102	-0.00162	0.004114	-0.00737	-0.0041	-0.0063
ROTH	-0.02033	-0.03965	-0.00711	0.006292	0.00385	0.001983	0.006981	0.002354	0.019868	-0.00335	-0.041
PT41	-0.01814	-0.04463	-0.01708	-0.00636	-0.01296	-0.00343	0.003163	0.006209	0.006724	-0.00646	-0.01562
PT42	-0.0085	-0.01338	0.001548	0.004684	0.00163	0.007386	-0.00082	-0.0043	-0.0019	-0.00366	-0.00567
PT43	0.00375	-0.00455	-0.00662	0.003452	-0.007	0.00506	-0.00664	-0.00033	-0.00092	0.008486	-0.00176
PT44	-0.00112	0.00393	-0.01032	-0.00103	0.005089	-0.00465	0.002235	0.004842	0.003328	0.00505	0.000324
PT45	0.000519	0.006628	-0.00198	-0.0063	-0.00679	0.004788	-0.00732	0.002233	-0.00611	0.003171	-0.00142
PT46	-0.00171	-0.00435	0.009647	-0.00624	0.002414	-0.00125	0.004172	-0.01361	0.004691	0.010502	0.006524
PT48	0.000285	0.014943	-0.00775	0.011775	-0.00233	-0.00428	0.003899	-0.0107	-0.00809	0.000084	0.017307
PT50	0.090053	-0.00738	-0.00351	-0.0053	0.007223	0.005225	-0.0006	-0.00345	0.000199	0.005248	-0.00318
PT50_1	-0.00738	0.08018	0.001732	0.006009	0.001671	-0.00261	-0.0013	-0.01306	-0.00793	-0.00375	0.01105
PT51	-0.00351	0.001732	0.060276	-0.00956	0.005825	-0.00225	0.004505	-0.00421	0.001599	-0.00892	-0.00794
PT55	-0.0053	0.006009	-0.00956	0.093847	-0.01013	-0.00662	0.002187	-0.01324	-0.00853	0.005298	0.012623
PT209	0.007223	0.001671	0.005825	-0.01013	0.06151	0.005125	0.008289	0.005144	-0.00688	-0.01166	-0.00883
PT211	0.005225	-0.00261	-0.00225	-0.00662	0.005125	0.066743	-0.00655	-0.00784	-0.00497	-0.0136	-0.00203
PT212	-0.0006	-0.0013	0.004505	0.002187	0.008289	-0.00655	0.077378	-0.01463	-0.00243	-0.01026	-0.00602
PT213	-0.00345	-0.01306	-0.00421	-0.01324	0.005144	-0.00784	-0.01463	0.073429	-0.00047	-0.00382	-0.01265
PT214	0.000199	-0.00793	0.001599	-0.00853	-0.00688	-0.00497	-0.00243	-0.00047	0.061128	0.00382	-0.01753
PT233	0.005248	-0.00375	-0.00892	0.005298	-0.01166	-0.0136	-0.01026	-0.00382	0.00382	0.09542	0.002415
PT237	-0.00318	0.01105	-0.00794	0.012623	-0.00883	-0.00203	-0.00602	-0.01265	-0.01753	0.002415	0.070038

The SURVEYLOGISTIC Procedure

Model Information		
Data Set	NCSR.NCSR	
Response Variable	DSM_PTS	DSM-IV Posttraumatic Stress Disorder (LifeT)
Number of Response Levels	2	
Weight Variable	NCSRWTLG	NCSR sample part 2 weight
Model	Binary Logit	
Optimization Technique	Fisher's Scoring	
Variance Adjustment	Degrees of Freedom (DF)	

Variance Estimation	
Method	Taylor Series
Variance Adjustment	Degrees of Freedom (DF)

Number of Observations Read	376
Number of Observations Used	373
Sum of Weights Read	229.8149
Sum of Weights Used	229.8149

Response Profile			
Ordered Value	DSM_PTS	Total Frequency	Total Weight
1	0	86	56.65710
2	(1) ENDORSED	287	173.15780

Probability modeled is DSM_PTS='(1) ENDORSED'.

Note: 3 observations having nonpositive frequencies or weights were excluded since they do not contribute to the analysis.

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

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	258.701	275.058
SC	262.622	365.254
-2 Log L	256.701	229.058

The SURVEYLOGISTIC Procedure

Testing Global Null Hypothesis: BETA=0			
Test	**Chi-Square**	**DF**	**Pr > ChiSq**
Likelihood Ratio	27.6431	22	0.1878
Score	27.9964	22	0.1758
Wald	30.1968	22	0.1138

Analysis of Maximum Likelihood Estimates					
Parameter	**DF**	**Estimate**	**Standard Error**	**Wald Chi-Square**	**Pr > ChiSq**
Intercept	1	0.1714	0.9349	0.0336	0.8546
SEXF	1	-0.2639	0.4708	0.3143	0.5751
RHISP	1	-0.2370	0.5490	0.1864	0.6660
RBLK	1	-0.6242	0.3780	2.7267	0.0987
ROTH	1	-1.7866	0.7691	5.3962	0.0202
PT41	1	-0.5271	0.4417	1.4243	0.2327
PT42	1	-0.1232	0.3899	0.0998	0.7520
PT43	1	-0.4804	0.4109	1.3671	0.2423
PT44	1	0.1041	0.3890	0.0716	0.7890
PT45	1	-0.4184	0.3739	1.2518	0.2632
PT46	1	0.7292	0.3713	3.8562	0.0496
PT48	1	0.1139	0.3213	0.1257	0.7229
PT50	1	0.2809	0.3944	0.5073	0.4763
PT50_1	1	0.4830	0.3906	1.5290	0.2163
PT51	1	0.1934	0.3578	0.2922	0.5888
PT55	1	-0.5703	0.4772	1.4286	0.2320
PT209	1	0.6601	0.3446	3.6687	0.0554
PT211	1	-0.2017	0.3842	0.2757	0.5995
PT212	1	0.2997	0.4306	0.4842	0.4865
PT213	1	0.0699	0.3973	0.0310	0.8602
PT214	1	0.6868	0.3406	4.0670	0.0437
PT233	1	0.7370	0.4953	2.2136	0.1368
PT237	1	-0.0450	0.3709	0.0147	0.9034

The SURVEYLOGISTIC Procedure

	Odds Ratio Estimates		
Effect	Point Estimate	95% Wald Confidence Limits	
SEXF	0.768	0.305	1.932
RHISP	0.789	0.269	2.314
RBLK	0.536	0.255	1.124
ROTH	0.168	0.037	0.756
PT41	0.590	0.248	1.403
PT42	0.884	0.412	1.898
PT43	0.619	0.276	1.384
PT44	1.110	0.518	2.378
PT45	0.658	0.316	1.370
PT46	2.073	1.001	4.293
PT48	1.121	0.597	2.104
PT50	1.324	0.611	2.869
PT50_1	1.621	0.754	3.486
PT51	1.213	0.602	2.446
PT55	0.565	0.222	1.440
PT209	1.935	0.985	3.802
PT211	0.817	0.385	1.736
PT212	1.349	0.580	3.138
PT213	1.072	0.492	2.336
PT214	1.987	1.020	3.874
PT233	2.090	0.791	5.517
PT237	0.956	0.462	1.978

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	66.9	Somers' D	0.342
Percent Discordant	32.7	Gamma	0.343
Percent Tied	0.4	Tau-a	0.122
Pairs	24682	c	0.671

The SURVEYLOGISTIC Procedure

Parameter	Intercept	SEXF	RHISP	RBLK	ROTH	PT41	PT42	PT43	PT44	PT45	PT46	PT48
Estimated Covariance Matrix												
Intercept	0.874116	-0.34383	-0.03576	0.005398	0.019243	0.016981	0.100975	-0.0401	-0.12271	0.063684	0.012109	-0.06875
SEXF	-0.34383	0.221641	0.017003	-0.0269	0.004293	0.001221	-0.05724	0.018755	0.07848	-0.02955	-0.03831	0.00249
RHISP	-0.03576	0.017003	0.301411	0.02397	0.046784	-0.02252	-0.0502	-0.01342	0.015452	-0.00938	0.017264	-0.01471
RBLK	0.005398	-0.0269	0.02397	0.142908	0.058239	0.012504	-0.0014	0.006126	-0.00553	0.012501	-0.00114	0.000182
ROTH	0.019243	0.004293	0.046784	0.058239	0.591533	0.082266	-0.03698	-0.04422	0.002499	0.020189	0.01259	-0.00733
PT41	0.016981	0.001221	-0.02252	0.012504	0.082266	0.195068	0.010094	-0.03347	-0.03378	-0.01681	0.006023	0.006011
PT42	0.100975	-0.05724	-0.0502	-0.0014	-0.03698	0.010094	0.151998	0.020737	-0.04238	-0.03289	0.006137	-0.01762
PT43	-0.0401	0.018755	-0.01342	0.006126	-0.04422	-0.03347	0.020737	0.168842	0.017482	-0.0029	-0.01419	-0.01132
PT44	-0.12271	0.07848	0.015452	-0.00553	0.002499	-0.03378	-0.04238	0.017482	0.151301	-0.00974	-0.0101	0.015642
PT45	0.063684	-0.02955	-0.00938	0.012501	0.020189	-0.01681	-0.03289	-0.0029	-0.00974	0.139835	-0.04773	-0.01703
PT46	0.012109	-0.03831	0.017264	-0.00114	0.01259	0.006023	0.006137	-0.01419	-0.0101	-0.04773	0.137892	0.019485
PT48	-0.06875	0.00249	-0.01471	0.000182	-0.00733	0.006011	-0.01762	-0.01132	0.015642	-0.01703	0.019485	0.103253
PT50	-0.05135	0.046229	-0.0021	-0.01918	-0.04974	-0.00111	0.01342	-0.00269	-0.00495	-0.01552	-0.03159	-0.0128
PT50_1	-0.05839	0.023931	-0.02476	-0.00903	-0.04383	-0.0725	-0.04594	-0.00571	0.015763	0.025144	-0.02542	0.013364
PT51	-0.01194	0.006723	0.037174	-0.01209	-0.00506	-0.02488	0.001104	-0.02489	-0.01749	-0.01689	0.034433	-0.01832
PT55	-0.04236	0.01829	-0.01244	0.008474	0.004037	-0.03145	-0.01247	0.001457	0.02787	-0.01069	-0.01932	0.020282
PT209	-0.11105	0.029609	0.011204	0.000188	-0.02099	-0.02225	-0.00761	0.001922	0.005916	-0.01621	0.013621	0.004304
PT211	-0.01691	0.008438	0.019105	-0.0043	-0.00269	-0.01109	0.002701	0.024352	-0.00245	0.01081	-0.02154	-0.02683
PT212	-0.06361	-0.02331	0.0171	0.006161	-0.00658	0.017719	0.006055	-0.02009	-0.00575	-0.01563	0.029067	0.025437
PT213	-0.0341	0.01072	-0.03361	0.004457	0.019158	-0.004	-0.00108	0.022939	-0.00086	0.014963	-0.05235	-0.01662
PT214	0.023288	-0.00014	0.022002	-0.01504	-0.00574	-0.00097	-0.0154	-0.0128	-0.01319	-0.01174	0.004352	-0.01718
PT233	0.006126	-0.07433	-0.04581	0.014158	-0.0232	0.004507	0.023979	0.009037	-0.03552	-0.00827	0.032907	0.015024
PT237	-0.01164	-0.02419	0.018158	0.00324	-0.02811	-0.00548	-0.00836	-0.03173	-0.02047	-0.02208	0.019396	0.015208

The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix											
Parameter	PT50	PT50_1	PT51	PT55	PT209	PT211	PT212	PT213	PT214	PT233	PT237
Intercept	-0.05135	-0.05839	-0.01194	-0.04236	-0.11105	-0.01691	-0.06361	-0.0341	0.023288	0.006126	-0.01164
SEXF	0.046229	0.023931	0.006723	0.01829	0.029609	0.008438	-0.02331	0.01072	-0.00014	-0.07433	-0.02419
RHISP	-0.0021	-0.02476	0.037174	-0.01244	0.011204	0.019105	0.0171	-0.03361	0.022002	-0.04581	0.018158
RBLK	-0.01918	-0.00903	-0.01209	0.008474	0.000188	-0.0043	0.006161	0.004457	-0.01504	0.014158	0.00324
ROTH	-0.04974	-0.04383	-0.00506	0.004037	-0.02099	-0.00269	-0.00658	0.019158	-0.00574	-0.0232	-0.02811
PT41	-0.00111	-0.0725	-0.02488	-0.03145	-0.02225	-0.01109	0.017719	-0.004	-0.00097	0.004507	-0.00548
PT42	0.01342	-0.04594	0.001104	-0.01247	-0.00761	0.002701	0.006055	-0.00108	-0.0154	0.023979	-0.00836
PT43	-0.00269	-0.00571	-0.02489	0.001457	0.001922	0.024352	-0.02009	0.022939	-0.0128	0.009037	-0.03173
PT44	-0.00495	0.015763	-0.01749	0.02787	0.005916	-0.00245	-0.00575	-0.00086	-0.01319	-0.03552	-0.02047
PT45	-0.01552	0.025144	-0.01689	-0.01069	-0.01621	0.01081	-0.01563	0.014963	-0.01174	-0.00827	-0.02208
PT46	-0.03159	-0.02542	0.034433	-0.01932	0.013621	-0.02154	0.029067	-0.05235	0.004352	0.032907	0.019396
PT48	-0.0128	0.013364	-0.01832	0.020282	0.004304	-0.02683	0.025437	-0.01662	-0.01718	0.015024	0.015208
PT50	0.155586	-0.02988	-0.00547	0.00443	-0.00759	-0.0082	0.002646	0.003176	0.000744	-0.00701	-0.02088
PT50_1	-0.02988	0.152603	-0.0063	0.010387	0.020298	0.002064	-0.0103	-0.00219	-0.00743	-0.02641	0.011228
PT51	-0.00547	-0.0063	0.12801	-0.04727	0.011315	0.002765	0.00584	-0.03389	0.02062	-0.02193	0.002713
PT55	0.00443	0.010387	-0.04727	0.227684	-0.00664	-0.01757	0.01297	0.009479	-0.01619	-0.01011	0.011945
PT209	-0.00759	0.020298	0.011315	-0.00664	0.118774	0.009257	0.012307	-0.0173	-0.00737	-0.03733	-0.00294
PT211	-0.0082	0.002064	0.002765	-0.01757	0.009257	0.147624	-0.03919	-0.00557	-0.01967	-0.04677	-0.02095
PT212	0.002646	-0.0103	0.00584	0.01297	0.012307	-0.03919	0.185433	-0.04531	-0.00854	-0.01718	0.006387
PT213	0.003176	-0.00219	-0.03389	0.009479	-0.0173	-0.00557	-0.04531	0.157832	-0.00753	0.002555	-0.0232
PT214	0.000744	-0.00743	0.02062	-0.01619	-0.00737	-0.01967	-0.00854	-0.00753	0.115997	-0.00341	-0.00876
PT233	-0.00701	-0.02641	-0.02193	-0.01011	-0.03733	-0.04677	-0.01718	0.002555	-0.00341	0.245368	0.001941
PT237	-0.02088	0.011228	0.002713	0.011945	-0.00294	-0.02095	0.006387	-0.0232	-0.00876	0.001941	0.137554

The SURVEYLOGISTIC Procedure

Model Information		
Data Set	NCSR.NCSR	
Response Variable	DSM_PTS	DSM-IV Posttraumatic Stress Disorder (LifeT)
Number of Response Levels	2	
Weight Variable	NCSRWTLG	NCSR sample part 2 weight
Model	Binary Logit	
Optimization Technique	Fisher's Scoring	
Variance Adjustment	Degrees of Freedom (DF)	

Variance Estimation	
Method	Taylor Series
Variance Adjustment	Degrees of Freedom (DF)

Number of Observations Read	749
Number of Observations Used	745
Sum of Weights Read	488.9316
Sum of Weights Used	488.9316

Response Profile			
Ordered Value	DSM_PTS	Total Frequency	Total Weight
1	0	152	102.88170
2	(1) ENDORSED	593	386.04990

Probability modeled is DSM_PTS='(1) ENDORSED'.

Note: 4 observations having nonpositive frequencies or weights were excluded since they do not contribute to the analysis.

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

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	505.125	507.453
SC	509.738	604.334
-2 Log L	503.125	465.453

The SURVEYLOGISTIC Procedure

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	37.6715	20	0.0097
Score	37.0357	20	0.0116
Wald	37.1095	20	0.0114

Analysis of Maximum Likelihood Estimates					
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept	1	-1.6742	0.8087	4.2856	0.0384
AGE	1	0.0276	0.00971	8.1057	0.0044
SEXF	1	0.0729	0.2996	0.0592	0.8077
PT41	1	-0.5480	0.4246	1.6657	0.1968
PT42	1	-0.0118	0.3129	0.0014	0.9698
PT43	1	-0.3485	0.3096	1.2675	0.2602
PT44	1	0.1222	0.2712	0.2029	0.6524
PT45	1	-0.0573	0.2880	0.0396	0.8423
PT46	1	0.6039	0.2618	5.3211	0.0211
PT48	1	0.0691	0.2505	0.0761	0.7827
PT50	1	0.3338	0.2898	1.3268	0.2494
PT50_1	1	0.4041	0.2991	1.8259	0.1766
PT51	1	0.1712	0.2518	0.4622	0.4966
PT55	1	-0.1466	0.3049	0.2312	0.6306
PT209	1	0.3406	0.2487	1.8748	0.1709
PT211	1	-0.1488	0.2668	0.3111	0.5770
PT212	1	0.2953	0.2866	1.0614	0.3029
PT213	1	0.0559	0.2851	0.0384	0.8446
PT214	1	0.5618	0.2485	5.1120	0.0238
PT233	1	0.8578	0.2992	8.2168	0.0042
PT237	1	0.1216	0.2750	0.1954	0.6584

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
AGE	1.028	1.009	1.048
SEXF	1.076	0.598	1.935
PT41	0.578	0.252	1.329
PT42	0.988	0.535	1.825

The SURVEYLOGISTIC Procedure

	Odds Ratio Estimates		
Effect	Point Estimate	95% Wald Confidence Limits	
PT43	0.706	0.385	1.295
PT44	1.130	0.664	1.923
PT45	0.944	0.537	1.661
PT46	1.829	1.095	3.056
PT48	1.072	0.656	1.751
PT50	1.396	0.791	2.464
PT50_1	1.498	0.834	2.692
PT51	1.187	0.724	1.944
PT55	0.864	0.475	1.570
PT209	1.406	0.863	2.289
PT211	0.862	0.511	1.454
PT212	1.343	0.766	2.356
PT213	1.057	0.605	1.849
PT214	1.754	1.078	2.854
PT233	2.358	1.312	4.239
PT237	1.129	0.659	1.936

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	65.7	Somers' D	0.319
Percent Discordant	33.8	Gamma	0.321
Percent Tied	0.5	Tau-a	0.104
Pairs	90136	c	0.659

The SURVEYLOGISTIC Procedure

Parameter	Intercept	AGE	SEXF	PT41	PT42	PT43	PT44	PT45	PT46	PT48	PT50
Intercept	0.654041	-0.00422	-0.15144	0.07053	0.093579	-0.02554	-0.07504	-0.0012	-0.01614	-0.0357	-0.03298
AGE	-0.00422	0.000094	-0.00003	-0.00082	-0.00101	-0.00001	0.000089	0.000764	0.000167	0.000184	0.000382
SEXF	-0.15144	-0.00003	0.089782	0.009489	-0.02105	0.013246	0.026439	-0.02296	-0.01312	-0.00378	0.001321
PT41	0.07053	-0.00082	0.009489	0.180266	0.038018	-0.01658	-0.02026	-0.04433	-0.02493	-0.0197	-0.01954
PT42	0.093579	-0.00101	-0.02105	0.038018	0.097911	0.00661	-0.02962	-0.03454	0.000558	-0.01983	-0.00491
PT43	-0.02554	-0.00001	0.013246	-0.01658	0.00661	0.095842	-0.00663	0.000694	-0.00131	-0.00126	0.005317
PT44	-0.07504	0.000089	0.026439	-0.02026	-0.02962	-0.00663	0.073534	0.000125	-0.00206	0.002483	-0.00712
PT45	-0.0012	0.000764	-0.02296	-0.04433	-0.03454	0.000694	0.000125	0.082947	-0.01208	0.002134	0.007489
PT46	-0.01614	0.000167	-0.01312	-0.02493	0.000558	-0.00131	-0.00206	-0.01208	0.068531	0.006468	0.003128
PT48	-0.0357	0.000184	-0.00378	-0.0197	-0.01983	-0.00126	0.002483	0.002134	0.006468	0.062729	-0.00391
PT50	-0.03298	0.000382	0.001321	-0.01954	-0.00491	0.005317	-0.00712	0.007489	0.003128	-0.00391	0.083999
PT50_1	-0.0463	0.000657	-0.00136	-0.06824	-0.02525	-0.00106	0.007552	0.017286	0.000964	0.019223	-0.0077
PT51	-0.0204	0.000073	0.003922	-0.02549	0.000935	-0.00831	-0.0106	0.000163	0.012688	-0.00922	0.002798
PT55	0.00214	-0.00037	0.003885	-0.01421	0.002143	0.010883	-0.00159	-0.00592	-0.00314	0.016968	-0.00729
PT209	-0.05463	0.000361	0.003769	-0.01056	0.001048	-0.00826	0.00558	-0.00344	0.001902	-0.00802	0.00825
PT211	-0.00223	-0.00031	-0.00342	-0.00016	0.010411	0.003664	-0.0056	0.001457	0.002235	-0.00759	0.006612
PT212	-0.05044	-0.00017	0.007961	0.010297	0.001681	-0.00623	0.008001	-0.00949	0.004067	0.000909	-0.00675
PT213	-0.01114	0.000141	-0.0051	0.013595	-0.00202	-0.00474	0.002778	0.000925	-0.01655	-0.0117	-0.00135
PT214	0.004105	-0.00046	0.011326	0.018181	0.011367	-0.00133	-0.0015	-0.01119	0.003887	-0.0113	0.001037
PT233	-0.05123	0.000159	-0.00384	-0.0108	-0.00689	0.002956	0.005561	0.003488	0.009133	0.000609	0.00903
PT237	-0.05056	0.000388	0.000791	-0.02746	-0.01953	0.00365	0.005047	0.004443	0.008367	0.023646	-0.00665

The SURVEYLOGISTIC Procedure

Parameter	PT50_1	PT51	PT55	PT209	PT211	PT212	PT213	PT214	PT233	PT237
Estimated Covariance Matrix										
Intercept	-0.0463	-0.0204	0.00214	-0.05463	-0.00223	-0.05044	-0.01114	0.004105	-0.05123	-0.05056
AGE	0.000657	0.000073	-0.00037	0.000361	-0.00031	-0.00017	0.000141	-0.00046	0.000159	0.000388
SEXF	-0.00136	0.003922	0.003885	0.003769	-0.00342	0.007961	-0.0051	0.011326	-0.00384	0.000791
PT41	-0.06824	-0.02549	-0.01421	-0.01056	-0.00016	0.010297	0.013595	0.018181	-0.0108	-0.02746
PT42	-0.02525	0.000935	0.002143	0.001048	0.010411	0.001681	-0.00202	0.011367	-0.00689	-0.01953
PT43	-0.00106	-0.00831	0.010883	-0.00826	0.003664	-0.00623	-0.00474	-0.00133	0.002956	0.00365
PT44	0.007552	-0.0106	-0.00159	0.00558	-0.0056	0.008001	0.002778	-0.0015	0.005561	0.005047
PT45	0.017286	0.000163	-0.00592	-0.00344	0.001457	-0.00949	0.000925	-0.01119	0.003488	0.004443
PT46	0.000964	0.012688	-0.00314	0.001902	0.002235	0.004067	-0.01655	0.003887	0.009133	0.008367
PT48	0.019223	-0.00922	0.016968	-0.00802	-0.00759	0.000909	-0.0117	-0.0113	0.000609	0.023646
PT50	-0.0077	0.002798	-0.00729	0.00825	0.006612	-0.00675	-0.00135	0.001037	0.00903	-0.00665
PT50_1	0.089436	0.004215	0.012117	-0.00066	-0.00833	-0.00071	-0.01844	-0.01414	0.000666	0.020024
PT51	0.004215	0.063415	-0.01042	0.011103	0.005248	0.001827	-0.00615	0.00044	-0.00571	-0.00986
PT55	0.012117	-0.01042	0.092958	-0.01491	-0.00967	0.00321	-0.0188	-0.00977	0.003291	0.021246
PT209	-0.00066	0.011103	-0.01491	0.061861	0.00406	0.005249	0.009057	-0.00554	-0.00998	-0.01206
PT211	-0.00833	0.005248	-0.00967	0.00406	0.071205	-0.01245	-0.00889	-0.00082	-0.01214	-0.00631
PT212	-0.00071	0.001827	0.00321	0.005249	-0.01245	0.08214	-0.01335	0.00098	-0.0093	-0.00327
PT213	-0.01844	-0.00615	-0.0188	0.009057	-0.00889	-0.01335	0.081299	-0.00052	-0.00312	-0.01606
PT214	-0.01414	0.00044	-0.00977	-0.00554	-0.00082	0.00098	-0.00052	0.061744	0.002507	-0.02138
PT233	0.000666	-0.00571	0.003291	-0.00998	-0.01214	-0.0093	-0.00312	0.002507	0.089545	-0.00121
PT237	0.020024	-0.00986	0.021246	-0.01206	-0.00631	-0.00327	-0.01606	-0.02138	-0.00121	0.075634

The SURVEYLOGISTIC Procedure

Model Information		
Data Set	NCSR.NCSR	
Response Variable	DSM_PTS	DSM-IV Posttraumatic Stress Disorder (LifeT)
Number of Response Levels	2	
Weight Variable	NCSRWTLG	NCSR sample part 2 weight
Model	Binary Logit	
Optimization Technique	Fisher's Scoring	
Variance Adjustment	Degrees of Freedom (DF)	

Variance Estimation	
Method	Taylor Series
Variance Adjustment	Degrees of Freedom (DF)

Number of Observations Read	376
Number of Observations Used	373
Sum of Weights Read	229.8149
Sum of Weights Used	229.8149

Response Profile			
Ordered Value	DSM_PTS	Total Frequency	Total Weight
1	0	86	56.65710
2	(1) ENDORSED	287	173.15780

Probability modeled is DSM_PTS='(1) ENDORSED'.

Note: 3 observations having nonpositive frequencies or weights were excluded since they do not contribute to the analysis.

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

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	258.701	277.063
SC	262.622	359.416
-2 Log L	256.701	235.063

The SURVEYLOGISTIC Procedure

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	21.6375	20	0.3605
Score	20.8806	20	0.4042
Wald	26.5087	20	0.1497

Analysis of Maximum Likelihood Estimates					
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept	1	-1.1853	1.1858	0.9991	0.3175
AGE	1	0.0440	0.0245	3.2169	0.0729
SEXF	1	-0.3848	0.4356	0.7800	0.3771
PT41	1	-0.5804	0.5217	1.2373	0.2660
PT42	1	-0.3370	0.4116	0.6707	0.4128
PT43	1	-0.5044	0.4285	1.3854	0.2392
PT44	1	0.1056	0.3876	0.0743	0.7852
PT45	1	-0.2809	0.3739	0.5647	0.4524
PT46	1	0.7403	0.3702	3.9985	0.0455
PT48	1	0.2431	0.3371	0.5198	0.4709
PT50	1	0.2554	0.3632	0.4945	0.4819
PT50_1	1	0.4736	0.4132	1.3134	0.2518
PT51	1	0.0204	0.3529	0.0033	0.9539
PT55	1	-0.5185	0.4564	1.2907	0.2559
PT209	1	0.6067	0.3480	3.0393	0.0813
PT211	1	-0.3532	0.3871	0.8323	0.3616
PT212	1	0.4085	0.4112	0.9873	0.3204
PT213	1	0.0966	0.4149	0.0542	0.8159
PT214	1	0.5483	0.3298	2.7648	0.0964
PT233	1	0.7880	0.4625	2.9032	0.0884
PT237	1	0.0899	0.3945	0.0519	0.8197

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
AGE	1.045	0.996	1.096
SEXF	0.681	0.290	1.599
PT41	0.560	0.201	1.556
PT42	0.714	0.319	1.599

The SURVEYLOGISTIC Procedure

Odds Ratio Estimates		
Effect	**Point Estimate**	**95% Wald Confidence Limits**
PT43	0.604	0.261 1.399
PT44	1.111	0.520 2.376
PT45	0.755	0.363 1.571
PT46	2.097	1.015 4.332
PT48	1.275	0.659 2.469
PT50	1.291	0.634 2.630
PT50_1	1.606	0.714 3.609
PT51	1.021	0.511 2.038
PT55	0.595	0.243 1.456
PT209	1.834	0.927 3.628
PT211	0.702	0.329 1.500
PT212	1.505	0.672 3.368
PT213	1.101	0.488 2.484
PT214	1.730	0.907 3.302
PT233	2.199	0.888 5.444
PT237	1.094	0.505 2.371

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	66.1	**Somers' D**	0.326
Percent Discordant	33.5	**Gamma**	0.327
Percent Tied	0.4	**Tau-a**	0.116
Pairs	24682	**c**	0.663

The SURVEYLOGISTIC Procedure

Parameter	Intercept	AGE	SEXF	PT41	PT42	PT43	PT44	PT45	PT46	PT48	PT50
Intercept	1.406177	-0.01807	-0.28821	0.201445	0.183402	-0.00072	-0.1044	-0.03459	-0.04931	-0.09003	-0.02433
AGE	-0.01807	0.000602	-0.00079	-0.00453	-0.00255	-0.00022	-0.0005	0.002708	0.001021	0.000799	-0.00011
SEXF	-0.28821	-0.00079	0.189787	0.015702	-0.03862	0.00503	0.06149	-0.02331	-0.02545	-0.00508	0.022528
PT41	0.201445	-0.00453	0.015702	0.272221	0.068476	-0.03603	-0.04351	-0.0415	-0.01807	-0.04293	-0.01388
PT42	0.183402	-0.00255	-0.03862	0.068476	0.169374	0.021516	-0.05218	-0.04008	-0.00466	-0.04138	0.015269
PT43	-0.00072	-0.00022	0.00503	-0.03603	0.021516	0.183641	0.003243	0.006877	-0.01468	-0.00654	0.012415
PT44	-0.1044	-0.0005	0.06149	-0.04351	-0.05218	0.003243	0.150218	-0.01001	0.000133	0.023572	-0.01692
PT45	-0.03459	0.002708	-0.02331	-0.0415	-0.04008	0.006877	-0.01001	0.139786	-0.04781	-0.01062	0.002243
PT46	-0.04931	0.001021	-0.02545	-0.01807	-0.00466	-0.01468	0.000133	-0.04781	0.137072	0.023821	-0.01664
PT48	-0.09003	0.000799	-0.00508	-0.04293	-0.04138	-0.00654	0.023572	-0.01062	0.023821	0.113666	-0.01438
PT50	-0.02433	-0.00011	0.022528	-0.01388	0.015269	0.012415	-0.01692	0.002243	-0.01664	-0.01438	0.131882
PT50_1	-0.17509	0.00333	0.00638	-0.12166	-0.06515	0.000824	0.010393	0.038851	-0.0105	0.034447	-0.02152
PT51	-0.06549	0.000633	0.016774	-0.02087	-0.0016	-0.02594	-0.01362	-0.01853	0.03981	-0.01618	-0.00333
PT55	-0.0155	-0.00074	0.006939	-0.05088	0.002123	0.028204	0.010761	-0.00373	-0.00187	0.026354	0.014007
PT209	-0.11727	0.000172	0.033931	-0.01741	-0.00933	-0.00269	0.008594	-0.01202	0.013732	-0.00342	-0.01168
PT211	-0.00211	-0.00059	0.016871	0.019073	0.006726	0.00799	0.002272	-0.00321	-0.00729	-0.03179	-0.00636
PT212	-0.07161	0.000172	-0.01283	0.007459	0.001016	-0.02039	0.00457	-0.00606	0.023436	0.018864	-0.00368
PT213	0.030734	-0.00142	-0.0054	0.021595	0.009185	0.004766	-0.01172	0.010166	-0.06151	-0.01777	0.001735
PT214	0.061892	-0.00107	-0.00398	0.031466	0.011017	-0.01048	-0.02166	-0.01708	0.001495	-0.02632	-0.00562
PT233	-0.03495	0.000207	-0.047	-0.03114	0.003215	0.000895	-0.02075	-0.00948	0.033592	0.015525	0.009852
PT237	-0.11417	0.002588	-0.02485	-0.06983	-0.04986	-0.01153	-0.0015	-0.00467	0.021408	0.0441	-0.02358

The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix									
Parameter	**PT50_1**	**PT51**	**PT55**	**PT209**	**PT211**	**PT212**	**PT213**	**PT214**	**PT233**	**PT237**
Intercept	-0.17509	-0.06549	-0.0155	-0.11727	-0.00211	-0.07161	0.030734	0.061892	-0.03495	-0.11417
AGE	0.00333	0.000633	-0.00074	0.000172	-0.00059	0.000172	-0.00142	-0.00107	0.000207	0.002588
SEXF	0.00638	0.016774	0.006939	0.033931	0.016871	-0.01283	-0.0054	-0.00398	-0.047	-0.02485
PT41	-0.12166	-0.02087	-0.05088	-0.01741	0.019073	0.007459	0.021595	0.031466	-0.03114	-0.06983
PT42	-0.06515	-0.0016	0.002123	-0.00933	0.006726	0.001016	0.009185	0.011017	0.003215	-0.04986
PT43	0.000824	-0.02594	0.028204	-0.00269	0.00799	-0.02039	0.004766	-0.01048	0.000895	-0.01153
PT44	0.010393	-0.01362	0.010761	0.008594	0.002272	0.00457	-0.01172	-0.02166	-0.02075	-0.0015
PT45	0.038851	-0.01853	-0.00373	-0.01202	-0.00321	-0.00606	0.010166	-0.01708	-0.00948	-0.00467
PT46	-0.0105	0.03981	-0.00187	0.013732	-0.00729	0.023436	-0.06151	0.001495	0.033592	0.021408
PT48	0.034447	-0.01618	0.026354	-0.00342	-0.03179	0.018864	-0.01777	-0.02632	0.015525	0.0441
PT50	-0.02152	-0.00333	0.014007	-0.01168	-0.00636	-0.00368	0.001735	-0.00562	0.009852	-0.02358
PT50_1	0.170753	-0.006	0.013734	0.021701	-0.01734	0.008088	-0.01779	-0.02171	-0.00719	0.046284
PT51	-0.006	0.124524	-0.03072	0.023032	0.01347	0.005605	-0.04108	0.016579	-0.00835	-0.00409
PT55	0.013734	-0.03072	0.208285	-0.0106	-0.02307	0.012081	-0.01032	-0.02123	-0.0026	0.030193
PT209	0.021701	0.023032	-0.0106	0.121091	0.00934	-0.00215	-0.02015	-0.00576	-0.03514	0.000535
PT211	-0.01734	0.01347	-0.02307	0.00934	0.149884	-0.04217	-0.01382	-0.01049	-0.04708	-0.02459
PT212	0.008088	0.005605	0.012081	-0.00215	-0.04217	0.169045	-0.03442	-0.0056	-0.01506	0.007868
PT213	-0.01779	-0.04108	-0.01032	-0.02015	-0.01382	-0.03442	0.172116	0.000242	0.000614	-0.0237
PT214	-0.02171	0.016579	-0.02123	-0.00576	-0.01049	-0.0056	0.000242	0.108748	0.003514	-0.02748
PT233	-0.00719	-0.00835	-0.0026	-0.03514	-0.04708	-0.01506	0.000614	0.003514	0.213909	-0.00112
PT237	0.046284	-0.00409	0.030193	0.000535	-0.02459	0.007868	-0.0237	-0.02748	-0.00112	0.15564

The SURVEYLOGISTIC Procedure

Model Information		
Data Set	NCSR.NCSR	
Response Variable	DSM_PTS	DSM-IV Posttraumatic Stress Disorder (LifeT)
Number of Response Levels	2	
Weight Variable	NCSRWTLG	NCSR sample part 2 weight
Model	Binary Logit	
Optimization Technique	Fisher's Scoring	
Variance Adjustment	Degrees of Freedom (DF)	

Variance Estimation	
Method	Taylor Series
Variance Adjustment	Degrees of Freedom (DF)

Number of Observations Read	749
Number of Observations Used	745
Sum of Weights Read	488.9316
Sum of Weights Used	488.9316

Response Profile			
Ordered Value	DSM_PTS	Total Frequency	Total Weight
1	0	152	102.88170
2	(1) ENDORSED	593	386.04990

Probability modeled is DSM_PTS='(1) ENDORSED'.

Note: 4 observations having nonpositive frequencies or weights were excluded since they do not contribute to the analysis.

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

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	505.125	506.250
SC	509.738	616.971
-2 Log L	503.125	458.250

The SURVEYLOGISTIC Procedure

Testing Global Null Hypothesis: BETA=0			
Test	**Chi-Square**	**DF**	**Pr > ChiSq**
Likelihood Ratio	44.8752	23	0.0041
Score	44.5161	23	0.0046
Wald	42.8164	23	0.0073

Analysis of Maximum Likelihood Estimates					
Parameter	**DF**	**Estimate**	**Standard Error**	**Wald Chi-Square**	**Pr > ChiSq**
Intercept	1	-1.4942	0.7844	3.6284	0.0568
AGE	1	0.0250	0.00918	7.4210	0.0064
SEXF	1	0.0877	0.3021	0.0844	0.7714
RHISP	1	-0.0359	0.4249	0.0071	0.9327
RBLK	1	-0.6604	0.2978	4.9181	0.0266
ROTH	1	-0.9562	0.5381	3.1581	0.0756
PT41	1	-0.5705	0.3741	2.3264	0.1272
PT42	1	0.0400	0.2911	0.0189	0.8906
PT43	1	-0.3555	0.3056	1.3533	0.2447
PT44	1	0.1095	0.2705	0.1639	0.6856
PT45	1	-0.1216	0.2823	0.1856	0.6666
PT46	1	0.5853	0.2607	5.0413	0.0247
PT48	1	0.0735	0.2433	0.0914	0.7624
PT50	1	0.3809	0.2988	1.6249	0.2024
PT50_1	1	0.4325	0.2842	2.3153	0.1281
PT51	1	0.2002	0.2495	0.6435	0.4225
PT55	1	-0.2452	0.3066	0.6393	0.4240
PT209	1	0.3693	0.2514	2.1589	0.1417
PT211	1	-0.1090	0.2648	0.1696	0.6805
PT212	1	0.2558	0.2847	0.8076	0.3688
PT213	1	0.0889	0.2754	0.1042	0.7468
PT214	1	0.6101	0.2460	6.1510	0.0131
PT233	1	0.9072	0.3105	8.5367	0.0035
PT237	1	0.0888	0.2599	0.1167	0.7326

The SURVEYLOGISTIC Procedure

Odds Ratio Estimates		
Effect	**Point Estimate**	**95% Wald Confidence Limits**
AGE	1.025	1.007	1.044
SEXF	1.092	0.604	1.973
RHISP	0.965	0.419	2.219
RBLK	0.517	0.288	0.926
ROTH	0.384	0.134	1.103
PT41	0.565	0.272	1.177
PT42	1.041	0.588	1.841
PT43	0.701	0.385	1.276
PT44	1.116	0.657	1.896
PT45	0.886	0.509	1.540
PT46	1.796	1.077	2.993
PT48	1.076	0.668	1.734
PT50	1.464	0.815	2.629
PT50_1	1.541	0.883	2.690
PT51	1.222	0.749	1.992
PT55	0.783	0.429	1.427
PT209	1.447	0.884	2.368
PT211	0.897	0.534	1.507
PT212	1.292	0.739	2.256
PT213	1.093	0.637	1.875
PT214	1.841	1.137	2.981
PT233	2.477	1.348	4.553
PT237	1.093	0.657	1.819

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	66.5	**Somers' D**	0.334
Percent Discordant	33.1	**Gamma**	0.336
Percent Tied	0.5	**Tau-a**	0.109
Pairs	90136	**c**	0.667

The SURVEYLOGISTIC Procedure

Parameter	Intercept	AGE	SEXF	RHISP	RBLK	ROTH	PT41	PT42	PT43	PT44	PT45	PT46
Intercept	0.615341	-0.00368	-0.15291	-0.00417	0.020582	0.03256	0.027993	0.073837	-0.02499	-0.06765	0.012246	-0.00487
AGE	-0.00368	0.000084	0.000026	0.000016	0.000121	-0.00084	-0.00002	-0.00053	2.747E-7	-0.00006	0.000515	5.893E-6
SEXF	-0.15291	0.000026	0.091249	0.007032	-0.0193	0.010032	0.001936	-0.02798	0.013713	0.029214	-0.02146	-0.01438
RHISP	-0.00417	0.000016	0.007032	0.180569	0.015233	0.015718	-0.0154	-0.01579	-0.00555	0.004259	0.008795	0.00164
RBLK	0.020582	0.000121	-0.0193	0.015233	0.088669	0.025744	0.016315	0.009267	-0.00282	-0.0065	0.001495	0.003118
ROTH	0.03256	-0.00084	0.010032	0.015718	0.025744	0.289538	0.054344	0.014054	-0.00463	-0.00501	-0.00971	-0.00807
PT41	0.027993	-0.00002	0.001936	-0.0154	0.016315	0.054344	0.139921	0.009934	-0.01157	-0.01341	-0.02659	-0.01387
PT42	0.073837	-0.00053	-0.02798	-0.01579	0.009267	0.014054	0.009934	0.084727	0.007011	-0.02546	-0.02513	0.00779
PT43	-0.02499	2.747E-7	0.013713	-0.00555	-0.00282	-0.00463	-0.01157	0.007011	0.093373	-0.00652	-0.00128	-0.00245
PT44	-0.06765	-0.00006	0.029214	0.004259	-0.0065	-0.00501	-0.01341	-0.02546	-0.00652	0.073149	-0.00327	-0.00251
PT45	0.012246	0.000515	-0.02146	0.008795	0.001495	-0.00971	-0.02659	-0.02513	-0.00128	-0.00327	0.079684	-0.0163
PT46	-0.00487	5.893E-6	-0.01438	0.00164	0.003118	-0.00807	-0.01387	0.00779	-0.00245	-0.00251	-0.0163	0.067958
PT48	-0.02585	-0.00007	-0.00064	-0.00926	-0.00288	-0.01897	-0.0022	-0.01109	-0.00347	0.000587	-0.0056	0.005006
PT50	-0.03137	0.000287	0.00367	-0.00594	0.000219	-0.01888	-0.01715	-0.00494	0.003132	-0.00403	0.004197	0.000448
PT50_1	-0.01614	0.000259	0.000433	-0.01707	-0.01081	-0.02967	-0.04473	-0.01175	-0.0044	0.003393	0.008752	-0.00469
PT51	-0.01388	0.000019	0.004231	0.005808	0.002094	-0.00122	-0.02015	0.002753	-0.00856	-0.01068	-0.00041	0.009489
PT55	0.014381	-0.00054	0.002472	0.000626	0.002275	0.011231	-0.00402	0.005932	0.005561	-0.00194	-0.01075	-0.00463
PT209	-0.05695	0.00036	0.002475	-0.00545	-0.00063	-0.00022	-0.01316	-0.00112	-0.00806	0.005542	-0.00201	0.001998
PT211	-0.01396	-0.00018	-0.00265	-0.00002	0.003702	-0.00031	-0.00465	0.007886	0.004391	-0.00468	0.004609	0.000977
PT212	-0.0483	-0.00001	0.001906	0.011494	-0.00397	0.000967	0.003977	-0.00172	-0.00745	0.004056	-0.00654	0.004814
PT213	-0.02106	0.000225	-0.00215	-0.00993	0.004191	-0.00136	0.003876	-0.00579	-0.00023	0.004657	0.004321	-0.0137
PT214	-0.00629	-0.00018	0.009903	0.007964	-0.01027	0.012126	-0.00029	-0.00109	-0.00053	0.002186	-0.00287	0.004931
PT233	-0.05644	0.000141	-0.00209	-0.0178	-0.00509	-0.00246	-0.00563	-0.00393	0.005586	0.005542	0.000043	0.010321
PT237	-0.02698	0.000025	0.001597	0.002217	-0.00596	-0.02837	-0.00576	-0.00416	0.000424	0.000416	-0.00525	0.004259

The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix												
Parameter	PT48	PT50	PT50_1	PT51	PT55	PT209	PT211	PT212	PT213	PT214	PT233	PT237
Intercept	-0.02585	-0.03137	-0.01614	-0.01388	0.014381	-0.05695	-0.01396	-0.0483	-0.02106	-0.00629	-0.05644	-0.02698
AGE	-0.00007	0.000287	0.000259	0.000019	-0.00054	0.00036	-0.00018	-0.00001	0.000225	-0.00018	0.000141	0.000025
SEXF	-0.00064	0.00367	0.000433	0.004231	0.002472	0.002475	-0.00265	0.001906	-0.00215	0.009903	-0.00209	0.001597
RHISP	-0.00926	-0.00594	-0.01707	0.005808	0.000626	-0.00545	-0.00002	0.011494	-0.00993	0.007964	-0.0178	0.002217
RBLK	-0.00288	0.000219	-0.01081	0.002094	0.002275	-0.00063	0.003702	-0.00397	0.004191	-0.01027	-0.00509	-0.00596
ROTH	-0.01897	-0.01888	-0.02967	-0.00122	0.011231	-0.00022	-0.00031	0.000967	-0.00136	0.012126	-0.00246	-0.02837
PT41	-0.0022	-0.01715	-0.04473	-0.02015	-0.00402	-0.01316	-0.00465	0.003977	0.003876	-0.00029	-0.00563	-0.00576
PT42	-0.01109	-0.00494	-0.01175	0.002753	0.005932	-0.00112	0.007886	-0.00172	-0.00579	-0.00109	-0.00393	-0.00416
PT43	-0.00347	0.003132	-0.0044	-0.00856	0.005561	-0.00806	0.004391	-0.00745	-0.00023	-0.00053	0.005586	0.000424
PT44	0.000587	-0.00403	0.003393	-0.01068	-0.00194	0.005542	-0.00468	0.004056	0.004657	0.002186	0.005542	0.000416
PT45	-0.0056	0.004197	0.008752	-0.00041	-0.01075	-0.00201	0.004609	-0.00654	0.004321	-0.00287	0.000043	-0.00525
PT46	0.005006	0.000448	-0.00469	0.009489	-0.00463	0.001998	0.000977	0.004814	-0.0137	0.004931	0.010321	0.004259
PT48	0.059202	-0.00349	0.009917	-0.01009	0.013708	-0.00559	-0.00515	0.003783	-0.01043	-0.00611	0.000675	0.015278
PT50	-0.00349	0.089275	-0.00972	-0.00063	-0.01068	0.007722	0.007497	-0.00392	-0.00032	0.001964	0.007283	-0.00644
PT50_1	0.009917	-0.00972	0.080772	0.002917	0.005742	0.00122	-0.00522	-0.00138	-0.0131	-0.00589	-0.00294	0.007714
PT51	-0.01009	-0.00063	0.002917	0.062271	-0.0102	0.008237	0.001211	0.003194	-0.00412	0.001617	-0.00799	-0.01108
PT55	0.013708	-0.01068	0.005742	-0.0102	0.094012	-0.01322	-0.00778	0.001526	-0.01598	-0.00735	0.004798	0.014379
PT209	-0.00559	0.007722	0.00122	0.008237	-0.01322	0.063182	0.004117	0.006853	0.008785	-0.00791	-0.0097	-0.00901
PT211	-0.00515	0.007497	-0.00522	0.001211	-0.00778	0.004117	0.070097	-0.01006	-0.00779	-0.00393	-0.01354	-0.00202
PT212	0.003783	-0.00392	-0.00138	0.003194	0.001526	0.006853	-0.01006	0.081032	-0.01375	-0.00238	-0.00721	-0.00422
PT213	-0.01043	-0.00032	-0.0131	-0.00412	-0.01598	0.008785	-0.00779	-0.01375	0.075842	-0.0028	-0.00451	-0.01086
PT214	-0.00611	0.001964	-0.00589	0.001617	-0.00735	-0.00791	-0.00393	-0.00238	-0.0028	0.060522	0.004328	-0.016
PT233	0.000675	0.007283	-0.00294	-0.00799	0.004798	-0.0097	-0.01354	-0.00721	-0.00451	0.004328	0.096417	-0.00217
PT237	0.015278	-0.00644	0.007714	-0.01108	0.014379	-0.00901	-0.00202	-0.00422	-0.01086	-0.016	-0.00217	0.067554

The SURVEYLOGISTIC Procedure

Model Information		
Data Set	NCSR.NCSR	
Response Variable	DSM_PTS	DSM-IV Posttraumatic Stress Disorder (LifeT)
Number of Response Levels	2	
Weight Variable	NCSRWTLG	NCSR sample part 2 weight
Model	Binary Logit	
Optimization Technique	Fisher's Scoring	
Variance Adjustment	Degrees of Freedom (DF)	

Variance Estimation	
Method	Taylor Series
Variance Adjustment	Degrees of Freedom (DF)

Number of Observations Read	376
Number of Observations Used	373
Sum of Weights Read	229.8149
Sum of Weights Used	229.8149

Response Profile			
Ordered Value	DSM_PTS	Total Frequency	Total Weight
1	0	86	56.65710
2	(1) ENDORSED	287	173.15780

Probability modeled is DSM_PTS='(1) ENDORSED'.

Note: 3 observations having nonpositive frequencies or weights were excluded since they do not contribute to the analysis.

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

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	258.701	275.490
SC	262.622	369.608
-2 Log L	256.701	227.490

The SURVEYLOGISTIC Procedure

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	29.2104	23	0.1734
Score	29.3740	23	0.1682
Wald	30.3689	23	0.1391

Analysis of Maximum Likelihood Estimates					
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept	1	-0.7791	1.1176	0.4860	0.4857
AGE	1	0.0326	0.0235	1.9237	0.1655
SEXF	1	-0.2905	0.4629	0.3939	0.5303
RHISP	1	-0.2095	0.5490	0.1456	0.7028
RBLK	1	-0.5751	0.3793	2.2991	0.1294
ROTH	1	-1.6667	0.7642	4.7572	0.0292
PT41	1	-0.5219	0.4385	1.4167	0.2340
PT42	1	-0.1354	0.3889	0.1212	0.7277
PT43	1	-0.4760	0.4154	1.3126	0.2519
PT44	1	0.0925	0.3880	0.0569	0.8115
PT45	1	-0.3939	0.3814	1.0666	0.3017
PT46	1	0.7354	0.3700	3.9507	0.0469
PT48	1	0.1145	0.3215	0.1269	0.7216
PT50	1	0.3004	0.3878	0.5998	0.4387
PT50_1	1	0.4887	0.3968	1.5170	0.2181
PT51	1	0.1357	0.3556	0.1456	0.7028
PT55	1	-0.5885	0.4688	1.5756	0.2094
PT209	1	0.6458	0.3529	3.3478	0.0673
PT211	1	-0.2816	0.3786	0.5534	0.4569
PT212	1	0.3494	0.4409	0.6280	0.4281
PT213	1	0.0948	0.3981	0.0567	0.8118
PT214	1	0.6992	0.3391	4.2521	0.0392
PT233	1	0.7832	0.5007	2.4470	0.1178
PT237	1	-0.0321	0.3660	0.0077	0.9302

The SURVEYLOGISTIC Procedure

	Odds Ratio Estimates		
Effect	Point Estimate	95% Wald Confidence Limits	
AGE	1.033	0.987	1.082
SEXF	0.748	0.302	1.853
RHISP	0.811	0.277	2.379
RBLK	0.563	0.268	1.183
ROTH	0.189	0.042	0.845
PT41	0.593	0.251	1.401
PT42	0.873	0.408	1.872
PT43	0.621	0.275	1.403
PT44	1.097	0.513	2.347
PT45	0.674	0.319	1.424
PT46	2.086	1.010	4.308
PT48	1.121	0.597	2.106
PT50	1.350	0.631	2.888
PT50_1	1.630	0.749	3.548
PT51	1.145	0.570	2.299
PT55	0.555	0.221	1.392
PT209	1.907	0.955	3.810
PT211	0.755	0.359	1.585
PT212	1.418	0.598	3.365
PT213	1.099	0.504	2.399
PT214	2.012	1.035	3.911
PT233	2.188	0.820	5.839
PT237	0.968	0.473	1.984

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	67.9	Somers' D	0.361
Percent Discordant	31.7	Gamma	0.363
Percent Tied	0.4	Tau-a	0.128
Pairs	24682	c	0.681

The SURVEYLOGISTIC Procedure

Estimated Covariance Matrix												
Parameter	Intercept	AGE	SEXF	RHISP	RBLK	ROTH	PT41	PT42	PT43	PT44	PT45	PT46
Intercept	1.248991	-0.0148	-0.28433	-0.0954	-0.0057	0.055358	0.053274	0.111398	-0.01739	-0.0696	0.003874	-0.00725
AGE	-0.0148	0.000552	-0.00158	0.001628	0.000397	-0.00138	-0.00103	-0.0005	-0.00072	-0.00163	0.0021	0.000113
SEXF	-0.28433	-0.00158	0.214303	0.021891	-0.02611	0.014018	-0.00117	-0.05749	0.019113	0.077204	-0.02604	-0.03113
RHISP	-0.0954	0.001628	0.021891	0.301348	0.023672	0.04673	-0.0237	-0.04637	-0.00953	0.014953	-0.00985	0.018144
RBLK	-0.0057	0.000397	-0.02611	0.023672	0.143867	0.050779	0.012566	-0.00035	0.006019	-0.00798	0.012464	0.003457
ROTH	0.055358	-0.00138	0.014018	0.04673	0.050779	0.583965	0.063161	-0.04745	-0.0457	0.005847	0.029708	0.016901
PT41	0.053274	-0.00103	-0.00117	-0.0237	0.012566	0.063161	0.192261	0.013935	-0.0269	-0.03053	-0.02024	0.006816
PT42	0.111398	-0.0005	-0.05749	-0.04637	-0.00035	-0.04745	0.013935	0.151234	0.020664	-0.04123	-0.03528	0.003574
PT43	-0.01739	-0.00072	0.019113	-0.00953	0.006019	-0.0457	-0.0269	0.020664	0.172584	0.014906	-0.00321	-0.01758
PT44	-0.0696	-0.00163	0.077204	0.014953	-0.00798	0.005847	-0.03053	-0.04123	0.014906	0.150582	-0.01453	-0.00262
PT45	0.003874	0.0021	-0.02604	-0.00985	0.012464	0.029708	-0.02024	-0.03528	-0.00321	-0.01453	0.145487	-0.0499
PT46	-0.00725	0.000113	-0.03113	0.018144	0.003457	0.016901	0.006816	0.003574	-0.01758	-0.00262	-0.0499	0.136887
PT48	-0.043	-0.0005	-0.00215	-0.01846	-0.00112	-0.00944	0.008202	-0.01295	-0.01206	0.016374	-0.02206	0.022501
PT50	-0.019	-0.00058	0.032464	4.485E-6	-0.01471	-0.05464	-0.00147	0.015554	0.005119	-0.01237	-0.01045	-0.02734
PT50_1	-0.09097	0.00144	0.018885	-0.02772	-0.00831	-0.0292	-0.07396	-0.04531	-0.01089	0.009617	0.031706	-0.02453
PT51	-0.03017	0.000024	0.016143	0.039345	-0.01111	0.009522	-0.02379	-0.00546	-0.02731	-0.00929	-0.01624	0.03425
PT55	0.020326	-0.00203	0.014762	-0.0159	0.006147	0.005466	-0.0274	-0.00707	0.004806	0.02153	-0.01652	-0.01237
PT209	-0.11402	-0.00004	0.027675	0.012343	0.003791	-0.02117	-0.02086	-0.0088	-0.00166	0.004766	-0.01454	0.012775
PT211	-0.01259	-0.00011	0.011052	0.014532	-0.00389	0.002098	-0.00718	0.003455	0.023722	0.001857	0.007204	-0.01903
PT212	-0.08996	0.001017	-0.02869	0.027932	0.004636	-0.01795	0.016876	0.005087	-0.02106	-0.00848	-0.01516	0.029384
PT213	-0.0108	-0.00066	0.008035	-0.03336	0.000446	0.016072	-0.00724	0.000872	0.021121	-0.00529	0.016235	-0.05447
PT214	0.016415	0.000171	-0.00244	0.024459	-0.01513	-0.01201	-0.00342	-0.01515	-0.0091	-0.01329	-0.00745	0.001697
PT233	-0.02313	0.000703	-0.07061	-0.04833	0.013047	-0.04065	0.000658	0.028322	0.007454	-0.03806	-0.01611	0.033889
PT237	-0.03971	0.000894	-0.01989	0.016382	0.000869	-0.02299	-0.00754	-0.00946	-0.02643	-0.01776	-0.02066	0.015465

The SURVEYLOGISTIC Procedure

Parameter	PT48	PT50	PT50_1	PT51	PT55	PT209	PT211	PT212	PT213	PT214	PT233	PT237
Intercept	-0.043	-0.019	-0.09097	-0.03017	0.020326	-0.11402	-0.01259	-0.08996	-0.0108	0.016415	-0.02313	-0.03971
AGE	-0.0005	-0.00058	0.00144	0.000024	-0.00203	-0.00004	-0.00011	0.001017	-0.00066	0.000171	0.000703	0.000894
SEXF	-0.00215	0.032464	0.018885	0.016143	0.014762	0.027675	0.011052	-0.02869	0.008035	-0.00244	-0.07061	-0.01989
RHISP	-0.01846	4.485E-6	-0.02772	0.039345	-0.0159	0.012343	0.014532	0.027932	-0.03336	0.024459	-0.04833	0.016382
RBLK	-0.00112	-0.01471	-0.00831	-0.01111	0.006147	0.003791	-0.00389	0.004636	0.000446	-0.01513	0.013047	0.000869
ROTH	-0.00944	-0.05464	-0.0292	0.009522	0.005466	-0.02117	0.002098	-0.01795	0.016072	-0.01201	-0.04065	-0.02299
PT41	0.008202	-0.00147	-0.07396	-0.02379	-0.0274	-0.02086	-0.00718	0.016876	-0.00724	-0.00342	0.000658	-0.00754
PT42	-0.01295	0.015554	-0.04531	-0.00546	-0.00707	-0.0088	0.003455	0.005087	0.000872	-0.01515	0.028322	-0.00946
PT43	-0.01206	0.005119	-0.01089	-0.02731	0.004806	-0.00166	0.023722	-0.02106	0.021121	-0.0091	0.007454	-0.02643
PT44	0.016374	-0.01237	0.009617	-0.00929	0.02153	0.004766	0.001857	-0.00848	-0.00529	-0.01329	-0.03806	-0.01776
PT45	-0.02206	-0.01045	0.031706	-0.01624	-0.01652	-0.01454	0.007204	-0.01516	0.016235	-0.00745	-0.01611	-0.02066
PT46	0.022501	-0.02734	-0.02453	0.03425	-0.01237	0.012775	-0.01903	0.029384	-0.05447	0.001697	0.033889	0.015465
PT48	0.103357	-0.0134	0.008478	-0.01693	0.019271	0.003008	-0.02679	0.023346	-0.01773	-0.01622	0.017399	0.013276
PT50	-0.0134	0.150417	-0.03629	-0.00317	-0.00089	-0.01213	-0.00435	0.002103	0.004487	0.001066	0.004362	-0.0236
PT50_1	0.008478	-0.03629	0.15743	-0.00622	0.00526	0.024439	-0.00464	-0.00744	-0.00133	-0.00615	-0.02597	0.013393
PT51	-0.01693	-0.00317	-0.00622	0.126437	-0.041	0.012425	-0.00042	0.0073	-0.03083	0.018447	-0.02168	-0.00259
PT55	0.019271	-0.00089	0.00526	-0.041	0.219807	-0.00616	-0.01515	0.009114	0.00554	-0.01525	-0.00406	0.014036
PT209	0.003008	-0.01213	0.024439	0.012425	-0.00616	0.124574	0.006635	0.013152	-0.01787	-0.00812	-0.03528	-0.00071
PT211	-0.02679	-0.00435	-0.00464	-0.00042	-0.01515	0.006635	0.143332	-0.0396	-0.00156	-0.02032	-0.04859	-0.01922
PT212	0.023346	0.002103	-0.00744	0.0073	0.009114	0.013152	-0.0396	0.194386	-0.04976	-0.00593	-0.01484	0.005859
PT213	-0.01773	0.004487	-0.00133	-0.03083	0.00554	-0.01787	-0.00156	-0.04976	0.158512	-0.00806	0.001351	-0.01725
PT214	-0.01622	0.001066	-0.00615	0.018447	-0.01525	-0.00812	-0.02032	-0.00593	-0.00806	0.114983	0.001554	-0.00811
PT233	0.017399	0.004362	-0.02597	-0.02168	-0.00406	-0.03528	-0.04859	-0.01484	0.001351	0.001554	0.250682	-0.00643
PT237	0.013276	-0.0236	0.013393	-0.00259	0.014036	-0.00071	-0.01922	0.005859	-0.01725	-0.00811	-0.00643	0.133945