The LOGISTIC Procedure

Model Information		
Data Set	WORK.TOTALI	Multiply-Imputed Data
Response Variable	D_PTS12	DSM-IV Posttraumatic Stress Disorder (12Mo)
Number of Response Levels	2	
Model	binary logit	
Optimization Technique	Fisher's scoring	

Number of Observations Read	46410
Number of Observations Used	46410

Response Profile		
Ordered Value	D_PTS12	Total Frequency
1	(1) ENDORSED	1630
2	(5) NOT ENDORSED	44780

Probability modeled is D_PTS12='(1) ENDORSED'.

Class Level Information		
Class	Value	Design Variables
SEX	(1) MALE	1
	(2) FEMALE	-1
hispanic	0	1
	1	-1
black	0	1
	1	-1
other	0	1
	1	-1
PT41	(1) YES	1
	(5) NO	-1
PT42	(1) YES	1
	(5) NO	-1
PT43	(1) YES	1
	(5) NO	-1
PT44	(1) YES	1
	(5) NO	-1
PT45	(1) YES	1
	(5) NO	-1

The LOGISTIC Procedure

Class Level Information		
Class	**Value**	**Design Variables**
PT46	**(1) YES**	1
	(5) NO	-1
PT48	**(1) YES**	1
	(5) NO	-1
PT50	**(1) YES**	1
	(5) NO	-1
PT50_1	**(1) YES**	1
	(5) NO	-1
PT51	**(1) YES**	1
	(5) NO	-1
PT55	**(1) YES**	1
	(5) NO	-1
PT211	**(1) YES**	1
	(5) NO	-1
PT212	**(1) YES**	1
	(5) NO	-1
PT213	**(1) YES**	1
	(5) NO	-1
PT214	**(1) YES**	1
	(5) NO	-1
PT233	**(1) YES**	1
	(5) NO	-1
PT237	**(1) YES**	1
	(5) NO	-1

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

Model Fit Statistics		
Criterion	**Intercept Only**	**Intercept and Covariates**
AIC	14121.597	12183.123
SC	14130.342	12393.009
-2 Log L	14119.597	12135.123

The LOGISTIC Procedure

Testing Global Null Hypothesis: BETA=0			
Test	**Chi-Square**	**DF**	**Pr > ChiSq**
Likelihood Ratio	1984.4747	23	<.0001
Score	2361.5148	23	<.0001
Wald	1911.0433	23	<.0001

Type 3 Analysis of Effects			
Effect	**DF**	**Wald Chi-Square**	**Pr > ChiSq**
AGE	1	17.8895	<.0001
SEX	1	166.5051	<.0001
hispanic	1	0.8522	0.3559
black	1	14.2770	0.0002
other	1	0.0201	0.8871
PT41	1	37.4049	<.0001
PT42	1	118.5249	<.0001
PT43	1	0.2319	0.6301
PT44	1	7.0121	0.0081
PT45	1	181.1865	<.0001
PT46	1	101.4854	<.0001
PT48	1	44.1077	<.0001
PT50	1	18.9852	<.0001
PT50_1	1	133.4986	<.0001
PT51	1	9.1730	0.0025
PT55	1	36.9754	<.0001
PT209	1	3.8540	0.0496
PT211	1	29.9441	<.0001
PT212	1	41.8741	<.0001
PT213	1	31.3965	<.0001
PT214	1	29.8619	<.0001
PT233	1	19.9730	<.0001
PT237	1	26.8620	<.0001

The LOGISTIC Procedure

Analysis of Maximum Likelihood Estimates						
Parameter		**DF**	**Estimate**	**Standard Error**	**Wald Chi-Square**	**Pr > ChiSq**
Intercept		1	-2.6027	0.1132	528.8185	<.0001
AGE		1	-0.00750	0.00177	17.8895	<.0001
SEX	(1) MALE	1	-0.4226	0.0328	166.5051	<.0001
hispanic	0	1	0.0402	0.0435	0.8522	0.3559
black	0	1	0.1545	0.0409	14.2770	0.0002
other	0	1	-0.00768	0.0541	0.0201	0.8871
PT41	(1) YES	1	0.1862	0.0304	37.4049	<.0001
PT42	(1) YES	1	0.3132	0.0288	118.5249	<.0001
PT43	(1) YES	1	-0.0178	0.0369	0.2319	0.6301
PT44	(1) YES	1	0.0728	0.0275	7.0121	0.0081
PT45	(1) YES	1	0.3813	0.0283	181.1865	<.0001
PT46	(1) YES	1	0.2780	0.0276	101.4854	<.0001
PT48	(1) YES	1	0.1861	0.0280	44.1077	<.0001
PT50	(1) YES	1	0.1415	0.0325	18.9852	<.0001
PT50_1	(1) YES	1	0.3238	0.0280	133.4986	<.0001
PT51	(1) YES	1	0.0828	0.0274	9.1730	0.0025
PT55	(1) YES	1	0.2289	0.0376	36.9754	<.0001
PT209		1	0.0319	0.0163	3.8540	0.0496
PT211	(1) YES	1	0.1527	0.0279	29.9441	<.0001
PT212	(1) YES	1	0.1917	0.0296	41.8741	<.0001
PT213	(1) YES	1	0.1567	0.0280	31.3965	<.0001
PT214	(1) YES	1	0.1577	0.0289	29.8619	<.0001
PT233	(1) YES	1	0.1384	0.0310	19.9730	<.0001
PT237	(1) YES	1	0.1479	0.0285	26.8620	<.0001

Odds Ratio Estimates			
Effect	**Point Estimate**	**95% Wald Confidence Limits**	
AGE	0.993	0.989	0.996
SEX (1) MALE vs (2) FEMALE	0.429	0.378	0.488
hispanic 0 vs 1	1.084	0.914	1.285
black 0 vs 1	1.362	1.160	1.599
other 0 vs 1	0.985	0.797	1.217
PT41 (1) YES vs (5) NO	1.451	1.288	1.635
PT42 (1) YES vs (5) NO	1.871	1.671	2.094

The LOGISTIC Procedure

Odds Ratio Estimates		
Effect	**Point Estimate**	**95% Wald Confidence Limits**
PT43 (1) YES vs (5) NO	0.965	0.835	1.115
PT44 (1) YES vs (5) NO	1.157	1.039	1.288
PT45 (1) YES vs (5) NO	2.144	1.918	2.395
PT46 (1) YES vs (5) NO	1.744	1.565	1.943
PT48 (1) YES vs (5) NO	1.451	1.300	1.620
PT50 (1) YES vs (5) NO	1.327	1.168	1.507
PT50_1 (1) YES vs (5) NO	1.911	1.712	2.133
PT51 (1) YES vs (5) NO	1.180	1.060	1.314
PT55 (1) YES vs (5) NO	1.581	1.364	1.832
PT209	1.032	1.000	1.066
PT211 (1) YES vs (5) NO	1.357	1.216	1.514
PT212 (1) YES vs (5) NO	1.467	1.306	1.648
PT213 (1) YES vs (5) NO	1.368	1.226	1.526
PT214 (1) YES vs (5) NO	1.371	1.224	1.535
PT233 (1) YES vs (5) NO	1.319	1.168	1.489
PT237 (1) YES vs (5) NO	1.344	1.202	1.503

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	76.1	**Somers' D**	0.539
Percent Discordant	22.2	**Gamma**	0.549
Percent Tied	1.8	**Tau-a**	0.037
Pairs	72991400	**c**	0.769