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

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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	12192.235
SC	14130.342	12393.376
-2 Log L	14119.597	12146.235

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Testing Global Null Hypothesis: BETA=0			
Test	**Chi-Square**	**DF**	**Pr > ChiSq**
Likelihood Ratio	1973.3626	22	<.0001
Score	2347.9677	22	<.0001
Wald	1900.8997	22	<.0001

Type 3 Analysis of Effects			
Effect	**DF**	**Wald Chi-Square**	**Pr > ChiSq**
AGE	1	13.3594	0.0003
SEX	1	170.2666	<.0001
hispanic	1	1.9899	0.1584
black	1	15.4275	<.0001
other	0	.	.
PT41	1	35.9070	<.0001
PT42	1	110.0629	<.0001
PT43	1	0.1190	0.7301
PT44	1	7.6267	0.0058
PT45	1	179.3986	<.0001
PT46	1	113.8931	<.0001
PT48	1	45.0059	<.0001
PT50	1	18.7926	<.0001
PT50_1	1	151.2984	<.0001
PT51	1	7.0764	0.0078
PT55	1	32.7906	<.0001
PT209	1	5.8743	0.0154
PT211	1	28.4229	<.0001
PT212	1	17.6975	<.0001
PT213	1	40.0542	<.0001
PT214	1	27.3485	<.0001
PT233	1	18.9555	<.0001
PT237	1	38.6626	<.0001

Note: The following parameters have been set to 0, since the variables are a linear combination of other variables as shown.

other0 =	Intercept - hispanic0 - black0

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Analysis of Maximum Likelihood Estimates						
Parameter		**DF**	**Estimate**	**Standard Error**	**Wald Chi-Square**	**Pr > ChiSq**
Intercept		1	-2.7134	0.1037	684.1932	<.0001
AGE		1	-0.00645	0.00176	13.3594	0.0003
SEX	(1) MALE	1	-0.4271	0.0327	170.2666	<.0001
hispanic	0	1	0.0608	0.0431	1.9899	0.1584
black	0	1	0.1594	0.0406	15.4275	<.0001
other	0	0	0	.	.	.
PT41	(1) YES	1	0.1832	0.0306	35.9070	<.0001
PT42	(1) YES	1	0.3004	0.0286	110.0629	<.0001
PT43	(1) YES	1	-0.0127	0.0369	0.1190	0.7301
PT44	(1) YES	1	0.0759	0.0275	7.6267	0.0058
PT45	(1) YES	1	0.3800	0.0284	179.3986	<.0001
PT46	(1) YES	1	0.2933	0.0275	113.8931	<.0001
PT48	(1) YES	1	0.1880	0.0280	45.0059	<.0001
PT50	(1) YES	1	0.1407	0.0324	18.7926	<.0001
PT50_1	(1) YES	1	0.3459	0.0281	151.2984	<.0001
PT51	(1) YES	1	0.0729	0.0274	7.0764	0.0078
PT55	(1) YES	1	0.2154	0.0376	32.7906	<.0001
PT209		1	0.0385	0.0159	5.8743	0.0154
PT211	(1) YES	1	0.1513	0.0284	28.4229	<.0001
PT212	(1) YES	1	0.1249	0.0297	17.6975	<.0001
PT213	(1) YES	1	0.1799	0.0284	40.0542	<.0001
PT214	(1) YES	1	0.1485	0.0284	27.3485	<.0001
PT233	(1) YES	1	0.1355	0.0311	18.9555	<.0001
PT237	(1) YES	1	0.1772	0.0285	38.6626	<.0001

Odds Ratio Estimates			
Effect	**Point Estimate**	**95% Wald Confidence Limits**	
AGE	0.994	0.990	0.997
SEX (1) MALE vs (2) FEMALE	0.426	0.374	0.484
hispanic 0 vs 1	1.129	0.954	1.337
black 0 vs 1	1.375	1.173	1.612
PT41 (1) YES vs (5) NO	1.443	1.280	1.626
PT42 (1) YES vs (5) NO	1.824	1.630	2.040
PT43 (1) YES vs (5) NO	0.975	0.844	1.127

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Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
PT44 (1) YES vs (5) NO	1.164	1.045	1.296
PT45 (1) YES vs (5) NO	2.138	1.913	2.390
PT46 (1) YES vs (5) NO	1.798	1.614	2.002
PT48 (1) YES vs (5) NO	1.456	1.305	1.625
PT50 (1) YES vs (5) NO	1.325	1.167	1.505
PT50_1 (1) YES vs (5) NO	1.997	1.789	2.230
PT51 (1) YES vs (5) NO	1.157	1.039	1.288
PT55 (1) YES vs (5) NO	1.539	1.328	1.783
PT209	1.039	1.007	1.072
PT211 (1) YES vs (5) NO	1.353	1.211	1.512
PT212 (1) YES vs (5) NO	1.284	1.143	1.442
PT213 (1) YES vs (5) NO	1.433	1.282	1.602
PT214 (1) YES vs (5) NO	1.346	1.204	1.504
PT233 (1) YES vs (5) NO	1.311	1.161	1.482
PT237 (1) YES vs (5) NO	1.425	1.275	1.594

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	76.1	Somers' D	0.540
Percent Discordant	22.1	Gamma	0.550
Percent Tied	1.8	Tau-a	0.037
Pairs	72991400	c	0.770