

The LOGISTIC Procedure

Model Information		
Data Set	NCSR.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	185640
Number of Observations Used	185640

Response Profile		
Ordered Value	D_PTS12	Total Frequency
1	(1) ENDORSED	6520
2	(5) NOT ENDORSED	179120

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

Class Level Information		
Class	Value	Design Variables
SEXF	1	0
	2	1
RHISP	0	1
	1	0
RBLK	0	1
	1	0
ROTH	0	1
	1	0
PT41	(1) YES	1
	(5) NO	0
PT42	(1) YES	1
	(5) NO	0
PT43	(1) YES	1
	(5) NO	0
PT44	(1) YES	1
	(5) NO	0
PT45	(1) YES	1
	(5) NO	0

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Class Level Information		
Class	Value	Design Variables
PT46	(1) YES	1
	(5) NO	0
PT48	(1) YES	1
	(5) NO	0
PT50	(1) YES	1
	(5) NO	0
PT50_1	(1) YES	1
	(5) NO	0
PT51	(1) YES	1
	(5) NO	0
PT55	(1) YES	1
	(5) NO	0
PT209	(1) YES	1
	(5) NO	0
PT211	(1) YES	1
	(5) NO	0
PT212	(1) YES	1
	(5) NO	0
PT213	(1) YES	1
	(5) NO	0
PT214	(1) YES	1
	(5) NO	0
PT233	(1) YES	1
	(5) NO	0
PT237	(1) YES	1
	(5) NO	0

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

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Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	56480.389	48375.476
SC	56490.520	48618.633
-2 Log L	56478.389	48327.476

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	8150.9133	23	<.0001
Score	9670.1642	23	<.0001
Wald	7789.9210	23	<.0001

Type 3 Analysis of Effects			
Effect	DF	Wald Chi-Square	Pr > ChiSq
AGE	1	20.9835	<.0001
SEXF	1	720.3767	<.0001
RHISP	1	4.7398	0.0295
RBLK	1	47.6288	<.0001
ROTH	1	1.6942	0.1930
PT41	1	148.5801	<.0001
PT42	1	366.9795	<.0001
PT43	1	0.2980	0.5852
PT44	1	24.1461	<.0001
PT45	1	778.9082	<.0001
PT46	1	444.9747	<.0001
PT48	1	162.9824	<.0001
PT50	1	61.8836	<.0001
PT50_1	1	544.8504	<.0001
PT51	1	44.1283	<.0001
PT55	1	135.2925	<.0001
PT209	1	112.6516	<.0001
PT211	1	172.2997	<.0001
PT212	1	180.2782	<.0001
PT213	1	145.6531	<.0001
PT214	1	112.2064	<.0001

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Type 3 Analysis of Effects			
Effect	DF	Wald Chi-Square	Pr > ChiSq
PT233	1	76.8748	<.0001
PT237	1	191.9069	<.0001

Analysis of Maximum Likelihood Estimates						
Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept		1	-6.6066	0.1079	3748.5146	<.0001
AGE		1	-0.00410	0.000895	20.9835	<.0001
SEXF	2	1	0.8778	0.0327	720.3767	<.0001
RHISP	0	1	0.0946	0.0435	4.7398	0.0295
RBLK	0	1	0.2824	0.0409	47.6288	<.0001
ROTH	0	1	-0.0702	0.0540	1.6942	0.1930
PT41	(1) YES	1	0.3714	0.0305	148.5801	<.0001
PT42	(1) YES	1	0.5501	0.0287	366.9795	<.0001
PT43	(1) YES	1	-0.0202	0.0371	0.2980	0.5852
PT44	(1) YES	1	0.1355	0.0276	24.1461	<.0001
PT45	(1) YES	1	0.7874	0.0282	778.9082	<.0001
PT46	(1) YES	1	0.5805	0.0275	444.9747	<.0001
PT48	(1) YES	1	0.3569	0.0280	162.9824	<.0001
PT50	(1) YES	1	0.2556	0.0325	61.8836	<.0001
PT50_1	(1) YES	1	0.6559	0.0281	544.8504	<.0001
PT51	(1) YES	1	0.1822	0.0274	44.1283	<.0001
PT55	(1) YES	1	0.4386	0.0377	135.2925	<.0001
PT209	(1) YES	1	0.2940	0.0277	112.6516	<.0001
PT211	(1) YES	1	0.3579	0.0273	172.2997	<.0001
PT212	(1) YES	1	0.3800	0.0283	180.2782	<.0001
PT213	(1) YES	1	0.3297	0.0273	145.6531	<.0001
PT214	(1) YES	1	0.2947	0.0278	112.2064	<.0001
PT233	(1) YES	1	0.2716	0.0310	76.8748	<.0001
PT237	(1) YES	1	0.3810	0.0275	191.9069	<.0001

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Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
AGE	0.996	0.994	0.998
SEXF 2 vs 1	2.406	2.256	2.565
RHISP 0 vs 1	1.099	1.009	1.197
RBLK 0 vs 1	1.326	1.224	1.437
ROTH 0 vs 1	0.932	0.839	1.036
PT41 (1) YES vs (5) NO	1.450	1.366	1.539
PT42 (1) YES vs (5) NO	1.733	1.639	1.834
PT43 (1) YES vs (5) NO	0.980	0.911	1.054
PT44 (1) YES vs (5) NO	1.145	1.085	1.209
PT45 (1) YES vs (5) NO	2.198	2.079	2.323
PT46 (1) YES vs (5) NO	1.787	1.693	1.886
PT48 (1) YES vs (5) NO	1.429	1.353	1.509
PT50 (1) YES vs (5) NO	1.291	1.212	1.376
PT50_1 (1) YES vs (5) NO	1.927	1.824	2.036
PT51 (1) YES vs (5) NO	1.200	1.137	1.266
PT55 (1) YES vs (5) NO	1.550	1.440	1.669
PT209 (1) YES vs (5) NO	1.342	1.271	1.417
PT211 (1) YES vs (5) NO	1.430	1.356	1.509
PT212 (1) YES vs (5) NO	1.462	1.383	1.546
PT213 (1) YES vs (5) NO	1.390	1.318	1.467
PT214 (1) YES vs (5) NO	1.343	1.272	1.418
PT233 (1) YES vs (5) NO	1.312	1.235	1.394
PT237 (1) YES vs (5) NO	1.464	1.387	1.545

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	76.4	Somers' D	0.545
Percent Discordant	21.9	Gamma	0.555
Percent Tied	1.8	Tau-a	0.037
Pairs	1167862400	c	0.773