The SAS System

The LOGISTIC Procedure

Model Information		
Data Set	WORK.FETCH	
Response Variable	RESP_EMPSTATUS	RESPONDENT EMPLOYMENT STATUS
Number of Response Levels	3	
Model	generalized logit	
Optimization Technique	Newton-Raphson	

Number of Observations Read	25439
Number of Observations Used	25439

Response Profile		
Ordered Value	RESP_EMPSTATUS	Total Frequency
1	1	10542
2	2	3174
3	3	11723

Logits modeled use RESP_EMPSTATUS=1 as the reference category.

Class Level Information		
Class	Value	Design Variables
FOX_NEWS_CHANNEL	0	0
	1	1
THE_APPRENTICE__NBC_	0	0
	1	1
ESPN_NEWS	0	0
	1	1

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

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	49953.606	49744.410
SC	49969.894	49809.562
-2 Log L	49949.606	49728.410

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	221.1968	6	<.0001
Score	220.7250	6	<.0001
Wald	217.2188	6	<.0001

Type 3 Analysis of Effects

Effect	DF	Wald Chi-Square	Pr > ChiSq
FOX_NEWS_CHANNEL	2	157.8231	<.0001
THE_APPRENTICE__NBC_	2	2.9211	0.2321
ESPN_NEWS	2	88.9371	<.0001

Analysis of Maximum Likelihood Estimates

Parameter		RESP_EMPSTATUS	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept		2	1	-1.1549	0.0226	2604.4507	<.0001
Intercept		3	1	0.1572	0.0151	108.5322	<.0001
FOX_NEWS_CHANNEL	1	2	1	-0.3304	0.0544	36.8691	<.0001
FOX_NEWS_CHANNEL	1	3	1	-0.4415	0.0358	151.9185	<.0001
THE_APPRENTICE__NBC_	1	2	1	-0.0207	0.1462	0.0201	0.8873
THE_APPRENTICE__NBC_	1	3	1	-0.1654	0.1000	2.7349	0.0982
ESPN_NEWS	1	2	1	0.3407	0.0937	13.2318	0.0003
ESPN_NEWS	1	3	1	0.5863	0.0622	88.8459	<.0001

Odds Ratio Estimates

Effect	RESP_EMPSTATUS	Point Estimate	95% Wald Confidence Limits	
FOX_NEWS_CHANNEL 1 vs 0	2	0.719	0.646	0.800
FOX_NEWS_CHANNEL 1 vs 0	3	0.643	0.599	0.690
THE_APPRENTICE__NBC_ 1 vs 0	2	0.980	0.735	1.305
THE_APPRENTICE__NBC_ 1 vs 0	3	0.848	0.697	1.031
ESPN_NEWS 1 vs 0	2	1.406	1.170	1.689
ESPN_NEWS 1 vs 0	3	1.797	1.591	2.030

Partition for the Hosmer and Lemeshow Test

Group	Total	Observed RESP_EMPSTATUS = 1	Observed RESP_EMPSTATUS = 2	Observed RESP_EMPSTATUS = 3	Expected RESP_EMPSTATUS = 1	Expected RESP_EMPSTATUS = 2	Expected RESP_EMPSTATUS = 3
1	3914	1984	434	1496	1981.3	448.35	1484.3
2	353	143	51	159	151.95	46.96	154.09
3	19834	7984	2527	9323	7980.7	2514.6	9338.8
4	1338	431	162	745	428.04	164.19	745.77

Hosmer and Lemeshow Goodness-of-Fit Test

Chi-Square	DF	Pr > ChiSq
1.7254	4	0.7861