

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

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

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	49953.606	49832.507
SC	49969.894	49881.371
-2 Log L	49949.606	49820.507

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	129.0992	4	<.0001
Score	130.1500	4	<.0001
Wald	129.2760	4	<.0001

Type 3 Analysis of Effects			
Effect	DF	Wald Chi-Square	Pr > ChiSq
FOX_NEWS_CHANNEL	2	125.8507	<.0001
THE_APPRENTICE__NBC_	2	1.6315	0.4423

Analysis of Maximum Likelihood Estimates							
Parameter		RESP_EMPSTATUS	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept		2	1	-1.1445	0.0224	2608.3415	<.0001
Intercept		3	1	0.1777	0.0149	141.6629	<.0001
FOX_NEWS_CHANNEL	1	2	1	-0.3013	0.0537	31.4830	<.0001
FOX_NEWS_CHANNEL	1	3	1	-0.3857	0.0352	120.1553	<.0001
THE_APPRENTICE__NBC_	1	2	1	0.00646	0.1460	0.0020	0.9647
THE_APPRENTICE__NBC_	1	3	1	-0.1186	0.0997	1.4155	0.2341

Odds Ratio Estimates				
Effect	RESP_EMPSTATUS	Point Estimate	95% Wald Confidence Limits	
FOX_NEWS_CHANNEL 1 vs 0	2	0.740	0.666	0.822
FOX_NEWS_CHANNEL 1 vs 0	3	0.680	0.635	0.729
THE_APPRENTICE__NBC_ 1 vs 0	2	1.006	0.756	1.340
THE_APPRENTICE__NBC_ 1 vs 0	3	0.888	0.731	1.080

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	4512	2207	520	1785	2207.0	520.02	1785.0
2	315	129	44	142	132.28	42.39	140.33
3	20612	8206	2610	9796	8202.7	2611.6	9797.7

Hosmer and Lemeshow Goodness-of-Fit Test		
Chi-Square	DF	Pr > ChiSq
0.1650	2	0.9208