

Model Information	
Data Set	MIS581.NO2
Response Variable	SupOppRedFoamNew
Number of Response Levels	2
Model	binary logit
Optimization Technique	Fisher's scoring

Number of Observations Read	16616
Number of Observations Used	16610

Response Profile		
Ordered Value	SupOppRedFoamNew	Total Frequency
1	Oppose	499
2	Support	16111

Probability modeled is SupOppRedFoamNew='Support'.

**Note:** 6 observations were deleted due to missing values for the response or explanatory variables.

Class Level Information												
Class	Value	Design Variables										
Age	15-24 years	1	0	0	0	0	0	0	0	0	0	0
	25-34 years	0	1	0	0	0	0	0	0	0	0	0
	35-44 years	0	0	1	0	0	0	0	0	0	0	0
	45-54 years	0	0	0	1	0	0	0	0	0	0	0
	55-64 years	0	0	0	0	1	0	0	0	0	0	0
	65-74 years	0	0	0	0	0	1	0	0	0	0	0
	75-84 years	0	0	0	0	0	0	1	0	0	0	0
	85-94 years	0	0	0	0	0	0	0	1	0	0	0
	95 years an	0	0	0	0	0	0	0	0	1	0	0
	No Response	0	0	0	0	0	0	0	0	0	1	0
	Under 15 ye	0	0	0	0	0	0	0	0	0	0	1
Gender	Female	1	0	0	0	0	0	0				
	Male	0	1	0	0	0	0	0				
	No Res	0	0	1	0	0	0	0				
	Non-bi	0	0	0	1	0	0	0				
	Other	0	0	0	0	1	0	0				
	Trans	0	0	0	0	0	1	0				
	Two-sp	0	0	0	0	0	0	1				
Income	\$100,000-\$149,999	1	0	0	0	0	0	0	0	0		
	\$20,000-\$39,999	0	1	0	0	0	0	0	0	0		
	\$40,000-\$59,999	0	0	1	0	0	0	0	0	0		
	\$5,000-\$19,999	0	0	0	1	0	0	0	0	0		
	\$60,000-\$79,999	0	0	0	0	1	0	0	0	0		
	\$80,000-\$99,999	0	0	0	0	0	1	0	0	0		
	150,000 and over	0	0	0	0	0	0	1	0	0		
	Prefer not to answer	0	0	0	0	0	0	0	1	0		
	Under \$5,000	0	0	0	0	0	0	0	0	1		

Model Convergence Status
--------------------------

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

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	4483.000	4252.764
SC	4490.718	4445.708
-2 Log L	4481.000	4202.764

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	278.2360	24	<.0001
Score	359.8709	24	<.0001
Wald	287.5982	24	<.0001

Type 3 Analysis of Effects			
Effect	DF	Wald Chi-Square	Pr > ChiSq
Age	10	24.7470	0.0058
Gender	6	232.8578	<.0001
Income	8	9.1541	0.3295

Analysis of Maximum Likelihood Estimates						
Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept		1	1.6466	1.1676	1.9887	0.1585
Age	15-24 years	1	0.4895	0.4426	1.2229	0.2688
Age	25-34 years	1	0.4577	0.4239	1.1655	0.2803
Age	35-44 years	1	0.5289	0.4262	1.5406	0.2145
Age	45-54 years	1	0.2027	0.4288	0.2236	0.6363
Age	55-64 years	1	-0.1442	0.4276	0.1137	0.7360
Age	65-74 years	1	0.3481	0.4488	0.6017	0.4379
Age	75-84 years	1	0.4002	0.5348	0.5601	0.4542
Age	85-94 years	1	-0.3024	0.8422	0.1289	0.7195
Age	95 years an	1	0.2163	1.2065	0.0321	0.8577
Age	No Response	1	0.2906	0.5705	0.2594	0.6105
Age	Under 15 ye	0	0	.	.	.
Gender	Female	1	1.6606	1.0575	2.4662	0.1163
Gender	Male	1	0.4159	1.0569	0.1549	0.6939
Gender	No Res	1	0.4862	1.1220	0.1877	0.6648
Gender	Non-bi	1	0.3355	1.1250	0.0890	0.7655
Gender	Other	1	-0.8729	1.0753	0.6589	0.4170
Gender	Trans	1	-0.2955	1.2190	0.0588	0.8084
Gender	Two-sp	0	0	.	.	.
Income	\$100,000-\$149,999	1	0.5084	0.3554	2.0458	0.1526
Income	\$20,000-\$39,999	1	0.5388	0.3842	1.9665	0.1608
Income	\$40,000-\$59,999	1	0.4125	0.3685	1.2531	0.2630
Income	\$5,000-\$19,999	1	0.5146	0.4299	1.4331	0.2313
Income	\$60,000-\$79,999	1	0.4214	0.3667	1.3201	0.2506
Income	\$80,000-\$99,999	1	0.4667	0.3699	1.5923	0.2070
Income	150,000 and over	1	0.6635	0.3600	3.3960	0.0654

Analysis of Maximum Likelihood Estimates						
Parameter		DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Income	Prefer not to answer	1	0.2251	0.3558	0.4001	0.5270
Income	Under \$5,000	0	0	.	.	.

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
Age 15-24 years vs Under 15 ye	1.631	0.685	3.885
Age 25-34 years vs Under 15 ye	1.580	0.689	3.627
Age 35-44 years vs Under 15 ye	1.697	0.736	3.913
Age 45-54 years vs Under 15 ye	1.225	0.529	2.838
Age 55-64 years vs Under 15 ye	0.866	0.374	2.002
Age 65-74 years vs Under 15 ye	1.416	0.588	3.413
Age 75-84 years vs Under 15 ye	1.492	0.523	4.256
Age 85-94 years vs Under 15 ye	0.739	0.142	3.851
Age 95 years an vs Under 15 ye	1.241	0.117	13.211
Age No Response vs Under 15 ye	1.337	0.437	4.091
Gender Female vs Two-sp	5.263	0.662	41.814
Gender Male vs Two-sp	1.516	0.191	12.030
Gender No Res vs Two-sp	1.626	0.180	14.661
Gender Non-bi vs Two-sp	1.399	0.154	12.686
Gender Other vs Two-sp	0.418	0.051	3.437
Gender Trans vs Two-sp	0.744	0.068	8.114
Income \$100,000-\$149,999 vs Under \$5,000	1.663	0.828	3.337
Income \$20,000-\$39,999 vs Under \$5,000	1.714	0.807	3.639
Income \$40,000-\$59,999 vs Under \$5,000	1.511	0.734	3.110
Income \$5,000-\$19,999 vs Under \$5,000	1.673	0.720	3.885
Income \$60,000-\$79,999 vs Under \$5,000	1.524	0.743	3.127
Income \$80,000-\$99,999 vs Under \$5,000	1.595	0.772	3.293
Income 150,000 and over vs Under \$5,000	1.942	0.959	3.932
Income Prefer not to answer vs Under \$5,000	1.252	0.624	2.516

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	70.0	Somers' D	0.414
Percent Discordant	28.7	Gamma	0.419
Percent Tied	1.3	Tau-a	0.024
Pairs	8039389	c	0.707