

The LOGISTIC Procedure

Model Information		
Data Set	MYPRJ.ATTRITIONANALYSIS	
Response Variable	Retain_Indicator	Retain_Indicator
Number of Response Levels	2	
Model	binary logit	
Optimization Technique	Fisher's scoring	

Number of Observations Read	50
Number of Observations Used	50

Response Profile		
Ordered Value	Retain_Indicator	Total Frequency
1	0	22
2	1	28

Probability modeled is Retain_Indicator='1'.

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

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	70.593	71.985
SC	72.505	81.545
-2 Log L	68.593	61.985

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	6.6080	4	0.1581
Score	6.2767	4	0.1794
Wald	5.6438	4	0.2274

Analysis of Maximum Likelihood Estimates					
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept	1	-1.2357	0.8926	1.9164	0.1663
Employee_ID	1	0.0443	0.0226	3.8531	0.0497
Sex_Indicator	1	0.4983	0.6372	0.6115	0.4342
Relocation_Indicator	1	0.5974	0.6287	0.9029	0.3420
Marital_Status	1	-0.4425	0.6436	0.4727	0.4917

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Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
Employee_ID	1.045	1.000	1.093
Sex_Indicator	1.646	0.472	5.739
Relocation_Indicator	1.817	0.530	6.232
Marital_Status	0.642	0.182	2.268

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	70.9	Somers' D	0.419
Percent Discordant	29.1	Gamma	0.419
Percent Tied	0.0	Tau-a	0.211
Pairs	616	c	0.709