

The SAS System

The LOGISTIC Procedure

Model Information

Data Set	IA.READYTOPROBIT
Response Variable	conflict
Number of Response Levels	2
Model	binary logit
Optimization Technique	Fisher's scoring

Number of Observations Read	56
Number of Observations Used	56

Response Profile		
Ordered Value	conflict	Total Frequency
1	1	7
2	0	49

Note	Probability modeled is conflict=1.
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Model Convergence Status

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

Model Fit Statistics

Criterion	Intercept Only	Intercept and Covariates
AIC	44.198	45.329
SC	46.224	51.405
-2 Log L	42.198	39.329

Testing Global Null Hypothesis: BETA=0

Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	2.8694	2	0.2382
Score	3.7581	2	0.1527
Wald	3.0879	2	0.2135

Analysis of Maximum Likelihood Estimates					
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept	1	−2.4435	0.8446	8.3696	0.0038
growth	1	0.0659	0.0404	2.6645	0.1026
colonypop	1	−0.00003	0.000410	0.0044	0.9470

Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
growth	1.068	0.987	1.156
colonypop	1.000	0.999	1.001

Association of Predicted Probabilities and Observed Responses				
Percent Concordant	77.6	Somers' D		0.586
Percent Discordant	19.0	Gamma		0.607
Percent Tied	3.5	Tau-a		0.131
Pairs	343	c		0.793