

The LOGISTIC Procedure

Model Information	
Data Set	WORK.CEREAL
Response Variable	midshelf
Number of Response Levels	2
Model	binary logit
Optimization Technique	Fisher's scoring

Number of Observations Read	75
Number of Observations Used	75

Response Profile		
Ordered Value	midshelf	Total Frequency
1	1	20
2	0	55

Probability modeled is midshelf=1.

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

Model Fit Statistics		
Criterion	Intercept Only	Intercept and Covariates
AIC	88.987	78.268
SC	91.305	82.903
-2 Log L	86.987	74.268

Testing Global Null Hypothesis: BETA=0			
Test	Chi-Square	DF	Pr > ChiSq
Likelihood Ratio	12.7195	1	0.0004
Score	11.8522	1	0.0006
Wald	10.1534	1	0.0014

The LOGISTIC Procedure

Analysis of Maximum Likelihood Estimates					
Parameter	DF	Estimate	Standard Error	Wald Chi-Square	Pr > ChiSq
Intercept	1	-2.9449	0.7305	16.2522	<.0001
sugars	1	0.2396	0.0752	10.1534	0.0014

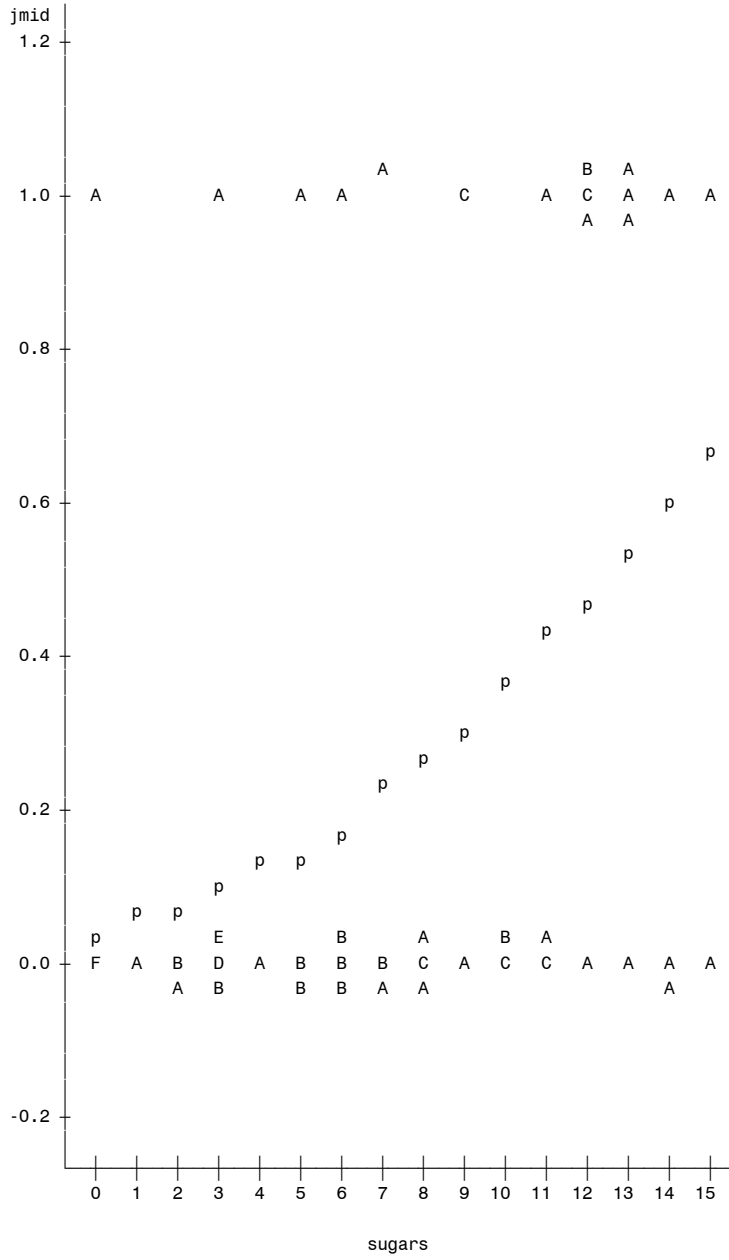
Odds Ratio Estimates			
Effect	Point Estimate	95% Wald Confidence Limits	
sugars	1.271	1.097	1.472

Association of Predicted Probabilities and Observed Responses			
Percent Concordant	74.1	Somers' D	0.526
Percent Discordant	21.5	Gamma	0.551
Percent Tied	4.5	Tau-a	0.209
Pairs	1100	c	0.763

The MEANS Procedure

Variable	N	Mean	Std Dev	Minimum	Maximum
sugars	75	7.0800000	4.3828906	0	15.0000000
midshelf	75	0.2666667	0.4451946	0	1.0000000

Plot of jmid*sugars. Legend: A = 1 obs, B = 2 obs, etc.
 Plot of phat*sugars. Symbol used is 'p'.



NOTE: 59 obs hidden.