The GENMOD Procedure

Model Information	
Data Set	WORK.ALCOHOL_DIET
Distribution	Zero Inflated Negative Binomial
Link Function	Log
Dependent Variable	alq
Zero Model Link Function	Logit

Number of Observations Read	2655
Number of Observations Used	2655

Criteria For Assessing Goodness Of Fit			
Criterion	DF	Value	Value/DF
Deviance		10344.0291	
Scaled Deviance		10344.0291	
Pearson Chi-Square	2648	2789.6923	1.0535
Scaled Pearson X2	2648	2789.6923	1.0535
Log Likelihood		-5172.0145	
Full Log Likelihood		-5172.0145	
AIC (smaller is better)		10360.0291	
AICC (smaller is better)		10360.0835	
BIC (smaller is better)		10407.1027	

Algorithm converged.

Analysis Of Maximum Likelihood Parameter Estimates							
Parameter	DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
Intercept	1	1.5471	0.0890	1.3726	1.7216	301.91	<.0001
diet	1	0.0796	0.0179	0.0445	0.1147	19.78	<.0001
gender	1	0.5439	0.0377	0.4700	0.6177	208.45	<.0001
age	1	-0.0161	0.0012	-0.0186	-0.0137	172.55	<.0001
pir	1	-0.0972	0.0110	-0.1187	-0.0756	78.12	<.0001
Dispersion	1	0.2236	0.0201	0.1874	0.2667		

Note: The negative binomial dispersion parameter was estimated by maximum likelihood.

The GENMOD Procedure

Analysis Of Maximum Likelihood Zero Inflation Parameter Estimates							
Parameter	DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
Intercept	1	-1.0564	0.0930	-1.2388	-0.8741	128.97	<.0001
meal_out	1	-0.0552	0.0189	-0.0921	-0.0182	8.55	0.0035