

The GENMOD Procedure

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

Number of Observations Read	2655
Number of Observations Used	2655

Criteria For Assessing Goodness Of Fit			
Criterion	DF	Value	Value/DF
Deviance	2650	3103.4288	1.1711
Scaled Deviance	2650	3103.4288	1.1711
Pearson Chi-Square	2650	2612.0316	0.9857
Scaled Pearson X2	2650	2612.0316	0.9857
Log Likelihood		1024.7471	
Full Log Likelihood		-5281.1922	
AIC (smaller is better)		10574.3843	
AICC (smaller is better)		10574.4161	
BIC (smaller is better)		10609.6895	

Algorithm converged.

Analysis Of Maximum Likelihood Parameter Estimates							
Parameter	DF	Estimate	Standard Error	Wald 95% Confidence Limits		Wald Chi-Square	Pr > ChiSq
Intercept	1	1.4748	0.1031	1.2728	1.6768	204.78	<.0001
diet	1	0.0849	0.0207	0.0444	0.1255	16.87	<.0001
gender	1	0.6525	0.0418	0.5707	0.7344	244.18	<.0001
age	1	-0.0214	0.0013	-0.0239	-0.0189	275.35	<.0001
pir	1	-0.1043	0.0127	-0.1293	-0.0794	67.33	<.0001
Dispersion	1	0.6381	0.0351	0.5728	0.7107		

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