

The GLIMMIX Procedure

Model Information	
Data Set	WORK.BEERICHNESS_YEAR1
Response Variable	TotalGenusRichness
Response Distribution	Poisson
Link Function	Log
Variance Function	Default
Variance Matrix	Not blocked
Estimation Technique	Residual PL
Degrees of Freedom Method	Satterthwaite

Class Level Information		
Class	Levels	Values
Site	10	Bowman Cretsinger Elkader Greving Kaldenberg McClellan NealSmith Plunkett Sheller Sloan

Number of Observations Read	10
Number of Observations Used	10

Dimensions	
G-side Cov. Parameters	1
Columns in X	2
Columns in Z	10
Subjects (Blocks in V)	1
Max Obs per Subject	10

Optimization Information	
Optimization Technique	Dual Quasi-Newton
Parameters in Optimization	1
Lower Boundaries	1
Upper Boundaries	0
Fixed Effects	Profiled
Starting From	Data

Iteration History					
Iteration	Restarts	Subiterations	Objective Function	Change	Max Gradient
0	0	2	2.9536183248	2.00000000	84.66347
1	0	0	3.018838113	0.00001366	83.94903
2	0	0	3.019196352	0.00000000	83.94502

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Convergence criterion (PCONV=1.11022E-8) satisfied.

Estimated G matrix is not positive definite.

Fit Statistics	
-2 Res Log Pseudo-Likelihood	3.02
Generalized Chi-Square	1.93
Gener. Chi-Square / DF	0.24

Covariance Parameter Estimates		
Cov Parm	Estimate	Standard Error
Site	1.41E-19	.

Solutions for Fixed Effects					
Effect	Estimate	Standard Error	DF	t Value	Pr > t
Intercept	2.3616	0.1458	1	16.19	0.0393
PercentCover	0.05529	0.02040	1	2.71	0.2250

Type III Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
PercentCover	1	1	7.35	0.2250

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Conditional Studentized Residuals

