The GLIMMIX Procedure

Model Information	
Data Set	WORK.BEERICHNESS_YEAR2
Response Variable	TotalFamilyRichness
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 Kaldenberg McClellan NealSmith Peckumn 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

The GLIMMIX Procedure

Iteration History					
Iteration	Restarts	Subiterations	Objective Function	Change	Max Gradient
0	0	1	12.96822829	2.00000000	30.12256
1	0	0	13.137084083	0.00179802	29.50426
2	0	0	13.13905272	0.00000030	29.49737
3	0	0	13.13905299	0.00000000	29.49737

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

Estimated G matrix is not positive definite.

Fit Statistics	
-2 Res Log Pseudo-Likelihood	13.14
Generalized Chi-Square	1.31
Gener. Chi-Square / DF	0.16

Covariance Parameter Estimates		
Cov Parm	Estimate	Standard Error
Site	4.79E-19	.

Solutions for Fixed Effects					
Effect	Estimate	Standard Error	DF	t Value	Pr > |t|
Intercept	1.3983	0.2435	1	5.74	0.1097
PercentCover	0.007673	0.01714	1	0.45	0.7320

Type III Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
PercentCover	1	1	0.20	0.7320

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