

**The GLIMMIX Procedure**

Model Information	
Data Set	WORK.BEERICHNESS_YEAR2
Response Variable	TotalSpeciesRichness
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

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Iteration History					
Iteration	Restarts	Subiterations	Objective Function	Change	Max Gradient
0	0	3	15.262812235	0.00794196	4.404E-6
1	0	2	15.275615253	0.00062054	6.577E-8
2	0	1	15.275673495	0.00000502	6.798E-9
3	0	0	15.275673695	0.00000000	1.382E-6

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

Fit Statistics	
-2 Res Log Pseudo-Likelihood	15.28
Generalized Chi-Square	7.48
Gener. Chi-Square / DF	0.93

Covariance Parameter Estimates		
Cov Parm	Estimate	Standard Error
Site	0.1014	0.06432

Solutions for Fixed Effects					
Effect	Estimate	Standard Error	DF	t Value	Pr >  t
Intercept	3.1581	0.1898	8	16.64	<.0001
PercentCover	0.01552	0.01368	8	1.13	0.2896

Type III Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
PercentCover	1	8	1.29	0.2896

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## Conditional Studentized Residuals

