

The GLIMMIX Procedure

Model Information	
Data Set	WORK.NONTARGET_YEARS12
Response Variable	NonTarget
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	11	Bowman Cretsinger Elkader Greving Kaldenberg McClellan NealSmith Peckumn Plunkett Sheller Sloan
Year	2	1 2

Number of Observations Read	20
Number of Observations Used	20

Dimensions	
G-side Cov. Parameters	1
Columns in X	6
Columns in Z	11
Subjects (Blocks in V)	1
Max Obs per Subject	20

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	4	89.052460019	0.19956158	3.139E-8
1	0	1	91.484181594	0.01341221	9.886E-7
2	0	1	91.588353758	0.00008081	9.154E-8
3	0	0	91.588681306	0.00000000	3.492E-6

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

Fit Statistics	
-2 Res Log Pseudo-Likelihood	91.59
Generalized Chi-Square	53.25
Gener. Chi-Square / DF	3.33

Covariance Parameter Estimates		
Cov Parm	Estimate	Standard Error
Site	1.5477	0.7501

Solutions for Fixed Effects						
Effect	Year	Estimate	Standard Error	DF	t Value	Pr > t
Intercept		3.1024	0.4236	13.53	7.32	<.0001
PercentCover		0.02886	0.01542	16	1.87	0.0797
Year	1	-0.7863	0.2706	16	-2.91	0.0103
Year	2	0
PercentCover*Year	1	0.06995	0.02430	16	2.88	0.0109
PercentCover*Year	2	0

Type III Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
PercentCover	1	16	16.80	0.0008
Year	1	16	8.44	0.0103
PercentCover*Year	1	16	8.29	0.0109

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Conditional Studentized Residuals

