

The GLIMMIX Procedure

Model Information	
Data Set	WORK.NONTARGET_YEARS123
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	3	1 2 3

Number of Observations Read	28
Number of Observations Used	28

Dimensions	
G-side Cov. Parameters	1
Columns in X	8
Columns in Z	11
Subjects (Blocks in V)	1
Max Obs per Subject	28

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	125.58709975	0.25384540	3.68E-6
1	0	2	136.16138505	0.02964251	2.377E-7
2	0	1	137.35951424	0.00034910	5.533E-9
3	0	0	137.37299338	0.00000005	4.409E-6
4	0	0	137.37299524	0.00000000	4.41E-6

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

Fit Statistics	
-2 Res Log Pseudo-Likelihood	137.37
Generalized Chi-Square	90.35
Gener. Chi-Square / DF	4.11

Covariance Parameter Estimates		
Cov Parm	Estimate	Standard Error
Site	1.9135	0.8948

Solutions for Fixed Effects						
Effect	Year	Estimate	Standard Error	DF	t Value	Pr > t
Intercept		3.9346	0.4389	11.18	8.96	<.0001
PercentCover		0.04824	0.007906	22	6.10	<.0001
Year	1	-1.6900	0.2334	22	-7.24	<.0001
Year	2	-0.8556	0.1727	22	-4.96	<.0001
Year	3	0
PercentCover*Year	1	0.04664	0.02266	22	2.06	0.0516
PercentCover*Year	2	-0.02484	0.008922	22	-2.78	0.0108
PercentCover*Year	3	0

Type III Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
PercentCover	1	22	29.02	<.0001
Year	2	22	34.01	<.0001
PercentCover*Year	2	22	5.79	0.0096

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Conditional Studentized Residuals

