

The GLIMMIX Procedure

Model Information	
Data Set	WORK.THICK
Response Variable	Value
Response Distribution	Binomial
Link Function	Logit
Variance Function	Default
Variance Matrix Blocked By	newID
Estimation Technique	Maximum Likelihood
Likelihood Approximation	Gauss-Hermite Quadrature
Degrees of Freedom Method	Containment

Class Level Information		
Class	Levels	Values
Attribute	6	LLL LLS LUS RLL RML RUL
rater	2	JW VH

Number of Observations Read	1463
Number of Observations Used	1463

Dimensions	
G-side Cov. Parameters	1
Columns in X	7
Columns in Z per Subject	1
Subjects (Blocks in V)	244
Max Obs per Subject	6

Optimization Information	
Optimization Technique	Dual Quasi-Newton
Parameters in Optimization	7
Lower Boundaries	1
Upper Boundaries	0
Fixed Effects	Not Profiled
Starting From	GLM estimates
Quadrature Points	21

Iteration History					
Iteration	Restarts	Evaluations	Objective Function	Change	Max Gradient
0	0	4	576.06279433	.	68.19243
1	0	4	510.33484842	65.72794590	3.941717
2	0	2	508.29774269	2.03710573	2.033902
3	0	2	507.33602599	0.96171671	2.127938
4	0	2	506.92468007	0.41134591	0.839167
5	0	2	506.88939635	0.03528372	0.284012
6	0	3	506.86961884	0.01977751	0.337617
7	0	4	506.7933174	0.07630143	0.390814
8	0	3	506.77563028	0.01768712	0.024037
9	0	3	506.77559351	0.00003677	0.001662
10	0	3	506.77559314	0.00000037	0.000527

Convergence criterion (GCONV=1E-8) satisfied.

Fit Statistics	
-2 Log Likelihood	506.78
AIC (smaller is better)	520.78
AICC (smaller is better)	520.85
BIC (smaller is better)	545.26
CAIC (smaller is better)	552.26
HQIC (smaller is better)	530.63

Fit Statistics for Conditional Distribution	
-2 log L(Value   r. effects)	278.90
Pearson Chi-Square	410.63
Pearson Chi-Square / DF	0.28

Covariance Parameter Estimates			
Cov Parm	Subject	Estimate	Standard Error
Intercept	newID	5.4825	1.7149

Solutions for Fixed Effects						
Effect	Attribute	Estimate	Standard Error	DF	t Value	Pr >  t
Intercept		-3.0871	0.4184	243	-7.38	<.0001
Attribute	LLL	-1.9211	0.4478	1214	-4.29	<.0001
Attribute	LLS	-3.2260	0.6293	1214	-5.13	<.0001
Attribute	LUS	-2.0538	0.4616	1214	-4.45	<.0001
Attribute	RLL	-1.3733	0.3991	1214	-3.44	0.0006
Attribute	RML	-3.2274	0.6292	1214	-5.13	<.0001
Attribute	RUL	0	.	.	.	.

Type III Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
Attribute	5	1214	9.92	<.0001