

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	9
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	8
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	571.87401231	.	67.994
1	0	4	512.51510866	59.35890365	5.030998
2	0	4	505.14317082	7.37193784	4.488461
3	0	2	503.95245995	1.19071087	1.373058
4	0	2	503.90234943	0.05011053	0.240331
5	0	4	503.88300555	0.01934387	0.415187
6	0	2	503.85598518	0.02702038	0.174675
7	0	3	503.83906674	0.01691844	0.28199
8	0	3	503.82861258	0.01045416	0.053886
9	0	3	503.82817597	0.00043661	0.006531
10	0	3	503.8281733	0.00000266	0.000253
11	0	3	503.82817329	0.00000001	0.000094

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

Fit Statistics	
-2 Log Likelihood	503.83
AIC (smaller is better)	519.83
AICC (smaller is better)	519.93
BIC (smaller is better)	547.81
CAIC (smaller is better)	555.81
HQIC (smaller is better)	531.10

Fit Statistics for Conditional Distribution	
-2 log L(Value   r. effects)	278.76
Pearson Chi-Square	399.87
Pearson Chi-Square / DF	0.27

Covariance Parameter Estimates			
Cov Parm	Subject	Estimate	Standard Error
Intercept	newID	5.4240	1.6972

Solutions for Fixed Effects							
Effect	Attribute	rater	Estimate	Standard Error	DF	t Value	Pr >  t
Intercept			-3.7103	0.6082	242	-6.10	<.0001
Attribute	LLL		-1.9264	0.4484	1214	-4.30	<.0001
Attribute	LLS		-3.2305	0.6291	1214	-5.14	<.0001
Attribute	LUS		-2.0592	0.4621	1214	-4.46	<.0001
Attribute	RLL		-1.3782	0.3998	1214	-3.45	0.0006
Attribute	RML		-3.2313	0.6290	1214	-5.14	<.0001
Attribute	RUL		0	.	.	.	.
rater		JW	0.9062	0.5457	1214	1.66	0.0970
rater		VH	0	.	.	.	.

Type III Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
Attribute	5	1214	9.94	<.0001
rater	1	1214	2.76	0.0970