The GLIMMIX Procedure

Model Information	
Data Set	WORK.LN
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	RUL RML RLL LUS LLS LLL
rater	2	JW VH

Number of Observations Read	1464
Number of Observations Used	1462

Dimensions	
G-side Cov. Parameters	2
Columns in X	7
Columns in Z per Subject	3
Subjects (Blocks in V)	161
Max Obs per Subject	12

Optimization Information	
Optimization Technique	Dual Quasi-Newton
Parameters in Optimization	8
Lower Boundaries	2
Upper Boundaries	0
Fixed Effects	Not Profiled
Starting From	GLM estimates
Quadrature Points	7

Iteration History					
Iteration	Restarts	Evaluations	Objective Function	Change	Max Gradient
0	0	4	876.30184521	.	56.5896
1	0	4	842.92906741	33.37277780	9.732442
2	0	2	837.64690585	5.28216157	48.67584
3	0	25	837.64690582	0.00000003	7.871864
4	0	5	837.6284819	0.01842392	7.178317
5	0	4	837.17511015	0.45337175	3.340015
6	0	3	837.08174405	0.09336610	2.59614
7	0	2	836.94930974	0.13243431	2.782837
8	0	2	836.89053548	0.05877426	2.182515
9	0	2	836.80256156	0.08797392	1.797533
10	0	3	836.76375957	0.03880199	1.131917
11	0	2	836.71996623	0.04379334	0.414789
12	0	3	836.71290972	0.00705651	0.042077
13	0	3	836.71277401	0.00013570	0.001196
14	0	3	836.71277391	0.00000011	0.000066

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

Fit Statistics	
-2 Log Likelihood	836.71
AIC (smaller is better)	852.71
AICC (smaller is better)	852.81
BIC (smaller is better)	877.36
CAIC (smaller is better)	885.36
HQIC (smaller is better)	862.72

Fit Statistics for Conditional Distribution	
-2 log L(Value | r. effects)	603.78

Fit Statistics for Conditional Distribution	
Pearson Chi-Square	701.60
Pearson Chi-Square / DF	0.48

Covariance Parameter Estimates			
Cov Parm	Subject	Estimate	Standard Error
Intercept	newID	3.3917	0.8504
rater	newID	3.613E-9	.

Solutions for Fixed Effects						
Effect	Attribute	Estimate	Standard Error	DF	t Value	Pr > |t|
Intercept		-2.4225	0.2948	83	-8.22	<.0001
Attribute	RUL	-0.1733	0.2946	1213	-0.59	0.5566
Attribute	RML	-1.5157	0.3691	1213	-4.11	<.0001
Attribute	RLL	-0.09160	0.2930	1213	-0.31	0.7546
Attribute	LUS	-1.6087	0.3770	1213	-4.27	<.0001
Attribute	LLS	-1.5157	0.3691	1213	-4.11	<.0001
Attribute	LLL	0	.	.	.	.

Type III Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
Attribute	5	1213	8.76	<.0001

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
Intercept		1	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	1	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	1	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		2	0.4645	0.9851	1213	0.47	0.6373
rater	JW	2	-1.56E-9	0.000060	1213	-0.00	1.0000
rater	VH	2	2.054E-9	0.000060	1213	0.00	1.0000
Intercept		3	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	3	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	3	0	0.000060	1213	0.00	1.0000
Intercept		4	2.1755	0.6862	1213	3.17	0.0016
rater	JW	4	1.159E-9	0.000060	1213	0.00	1.0000
rater	VH	4	1.159E-9	0.000060	1213	0.00	1.0000
Intercept		5	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	5	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	5	0	0.000060	1213	0.00	1.0000
Intercept		6	1.9366	0.9205	1213	2.10	0.0356
rater	JW	6	2.063E-9	0.000060	1213	0.00	1.0000
rater	VH	6	0	0.000060	1213	0.00	1.0000
Intercept		7	1.0174	1.0859	1213	0.94	0.3490
rater	JW	7	1.084E-9	0.000060	1213	0.00	1.0000
rater	VH	7	0	0.000060	1213	0.00	1.0000
Intercept		8	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	8	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	8	0	0.000060	1213	0.00	1.0000
Intercept		9	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	9	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	9	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		10	3.2679	0.8517	1213	3.84	0.0001
rater	JW	10	3.482E-9	0.000060	1213	0.00	1.0000
rater	VH	10	0	0.000060	1213	0.00	1.0000
Intercept		11	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	11	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	11	0	0.000060	1213	0.00	1.0000
Intercept		12	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	12	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	12	0	0.000060	1213	0.00	1.0000
Intercept		13	1.0174	1.0859	1213	0.94	0.3490
rater	JW	13	1.084E-9	0.000060	1213	0.00	1.0000
rater	VH	13	0	0.000060	1213	0.00	1.0000
Intercept		14	1.0174	1.0859	1213	0.94	0.3490
rater	JW	14	1.084E-9	0.000060	1213	0.00	1.0000

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
rater	VH	14	0	0.000060	1213	0.00	1.0000
Intercept		15	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	15	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	15	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		16	2.5573	0.6619	1213	3.86	0.0001
rater	JW	16	1.04E-8	0.000060	1213	0.00	0.9999
rater	VH	16	-7.67E-9	0.000060	1213	-0.00	0.9999
Intercept		17	2.1755	0.6862	1213	3.17	0.0016
rater	JW	17	1.159E-9	0.000060	1213	0.00	1.0000
rater	VH	17	1.159E-9	0.000060	1213	0.00	1.0000
Intercept		18	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	18	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	18	0	0.000060	1213	0.00	1.0000
Intercept		19	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	19	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	19	0	0.000060	1213	0.00	1.0000
Intercept		20	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	20	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	20	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		21	1.0174	1.0859	1213	0.94	0.3490
rater	JW	21	1.084E-9	0.000060	1213	0.00	1.0000
rater	VH	21	0	0.000060	1213	0.00	1.0000
Intercept		22	1.0174	1.0859	1213	0.94	0.3490
rater	JW	22	1.084E-9	0.000060	1213	0.00	1.0000
rater	VH	22	0	0.000060	1213	0.00	1.0000
Intercept		23	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	23	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	23	0	0.000060	1213	0.00	1.0000
Intercept		24	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	24	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	24	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		25	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	25	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	25	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		26	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	26	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	26	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		27	1.9366	0.9205	1213	2.10	0.0356
rater	JW	27	2.063E-9	0.000060	1213	0.00	1.0000
rater	VH	27	0	0.000060	1213	0.00	1.0000
Intercept		28	1.0174	1.0859	1213	0.94	0.3490
rater	JW	28	1.084E-9	0.000060	1213	0.00	1.0000
rater	VH	28	0	0.000060	1213	0.00	1.0000
Intercept		29	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	29	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	29	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		30	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	30	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	30	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		31	1.9366	0.9205	1213	2.10	0.0356
rater	JW	31	2.063E-9	0.000060	1213	0.00	1.0000
rater	VH	31	0	0.000060	1213	0.00	1.0000
Intercept		32	1.2099	0.8160	1213	1.48	0.1384
rater	JW	32	6.45E-10	0.000060	1213	0.00	1.0000
rater	VH	32	6.45E-10	0.000060	1213	0.00	1.0000
Intercept		33	1.0174	1.0859	1213	0.94	0.3490
rater	JW	33	1.084E-9	0.000060	1213	0.00	1.0000
rater	VH	33	0	0.000060	1213	0.00	1.0000
Intercept		34	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	34	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	34	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		35	3.2555	0.6514	1213	5.00	<.0001
rater	JW	35	3.541E-9	0.000060	1213	0.00	1.0000
rater	VH	35	-726E-13	0.000060	1213	-0.00	1.0000
Intercept		36	-0.8485	1.3674	1213	-0.62	0.5350

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
rater	JW	36	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	36	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		37	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	37	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	37	0	0.000060	1213	0.00	1.0000
Intercept		38	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	38	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	38	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		39	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	39	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	39	0	0.000060	1213	0.00	1.0000
Intercept		40	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	40	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	40	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		41	1.0174	1.0859	1213	0.94	0.3490
rater	JW	41	1.084E-9	0.000060	1213	0.00	1.0000
rater	VH	41	0	0.000060	1213	0.00	1.0000
Intercept		42	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	42	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	42	0	0.000060	1213	0.00	1.0000
Intercept		43	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	43	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	43	0	0.000060	1213	0.00	1.0000
Intercept		44	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	44	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	44	0	0.000060	1213	0.00	1.0000
Intercept		45	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	45	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	45	0	0.000060	1213	0.00	1.0000
Intercept		46	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	46	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	46	0	0.000060	1213	0.00	1.0000
Intercept		47	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	47	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	47	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		48	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	48	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	48	0	0.000060	1213	0.00	1.0000
Intercept		49	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	49	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	49	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		50	4.7803	0.7825	1213	6.11	<.0001
rater	JW	50	4.353E-9	0.000060	1213	0.00	0.9999
rater	VH	50	7.4E-10	0.000060	1213	0.00	1.0000
Intercept		51	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	51	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	51	0	0.000060	1213	0.00	1.0000
Intercept		52	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	52	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	52	0	0.000060	1213	0.00	1.0000
Intercept		53	2.9122	0.6514	1213	4.47	<.0001
rater	JW	53	1.551E-9	0.000060	1213	0.00	1.0000
rater	VH	53	1.551E-9	0.000060	1213	0.00	1.0000
Intercept		54	2.1755	0.6862	1213	3.17	0.0016
rater	JW	54	1.159E-9	0.000060	1213	0.00	1.0000
rater	VH	54	1.159E-9	0.000060	1213	0.00	1.0000
Intercept		55	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	55	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	55	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		56	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	56	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	56	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		57	1.9366	0.9205	1213	2.10	0.0356
rater	JW	57	2.063E-9	0.000060	1213	0.00	1.0000
rater	VH	57	0	0.000060	1213	0.00	1.0000

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
Intercept		58	1.0174	1.0859	1213	0.94	0.3490
rater	JW	58	1.084E-9	0.000060	1213	0.00	1.0000
rater	VH	58	0	0.000060	1213	0.00	1.0000
Intercept		59	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	59	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	59	0	0.000060	1213	0.00	1.0000
Intercept		60	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	60	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	60	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		61	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	61	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	61	0	0.000060	1213	0.00	1.0000
Intercept		62	1.9366	0.9205	1213	2.10	0.0356
rater	JW	62	2.063E-9	0.000060	1213	0.00	1.0000
rater	VH	62	0	0.000060	1213	0.00	1.0000
Intercept		63	1.0174	1.0859	1213	0.94	0.3490
rater	JW	63	1.084E-9	0.000060	1213	0.00	1.0000
rater	VH	63	0	0.000060	1213	0.00	1.0000
Intercept		64	1.9366	0.9205	1213	2.10	0.0356
rater	JW	64	2.063E-9	0.000060	1213	0.00	1.0000
rater	VH	64	0	0.000060	1213	0.00	1.0000
Intercept		65	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	65	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	65	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		66	1.7421	0.7318	1213	2.38	0.0174
rater	JW	66	-879E-12	0.000060	1213	-0.00	1.0000
rater	VH	66	2.735E-9	0.000060	1213	0.00	1.0000
Intercept		67	1.2099	0.8160	1213	1.48	0.1384
rater	JW	67	-2.97E-9	0.000060	1213	-0.00	1.0000
rater	VH	67	4.258E-9	0.000060	1213	0.00	0.9999
Intercept		68	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	68	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	68	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		69	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	69	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	69	0	0.000060	1213	0.00	1.0000
Intercept		70	1.7421	0.7318	1213	2.38	0.0174
rater	JW	70	2.735E-9	0.000060	1213	0.00	1.0000
rater	VH	70	-879E-12	0.000060	1213	-0.00	1.0000
Intercept		71	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	71	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	71	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		72	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	72	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	72	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		73	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	73	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	73	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		74	1.2099	0.8160	1213	1.48	0.1384
rater	JW	74	6.45E-10	0.000060	1213	0.00	1.0000
rater	VH	74	6.45E-10	0.000060	1213	0.00	1.0000
Intercept		75	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	75	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	75	0	0.000060	1213	0.00	1.0000
Intercept		76	0.4645	0.9851	1213	0.47	0.6373
rater	JW	76	-1.56E-9	0.000060	1213	-0.00	1.0000
rater	VH	76	2.054E-9	0.000060	1213	0.00	1.0000
Intercept		77	1.7421	0.7318	1213	2.38	0.0174
rater	JW	77	2.735E-9	0.000060	1213	0.00	1.0000
rater	VH	77	-879E-12	0.000060	1213	-0.00	1.0000
Intercept		78	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	78	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	78	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		79	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	79	-597E-12	0.000060	1213	-0.00	1.0000

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
rater	VH	79	0	0.000060	1213	0.00	1.0000
Intercept		80	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	80	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	80	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		81	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	81	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	81	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		82	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	82	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	82	0	0.000060	1213	0.00	1.0000
Intercept		83	0.4645	0.9851	1213	0.47	0.6373
rater	JW	83	-1.56E-9	0.000060	1213	-0.00	1.0000
rater	VH	83	2.054E-9	0.000060	1213	0.00	1.0000
Intercept		84	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	84	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	84	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		85	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	85	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	85	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		86	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	86	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	86	0	0.000060	1213	0.00	1.0000
Intercept		87	1.0174	1.0859	1213	0.94	0.3490
rater	JW	87	1.084E-9	0.000060	1213	0.00	1.0000
rater	VH	87	0	0.000060	1213	0.00	1.0000
Intercept		88	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	88	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	88	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		89	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	89	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	89	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		90	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	90	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	90	0	0.000060	1213	0.00	1.0000
Intercept		91	0.4645	0.9851	1213	0.47	0.6373
rater	JW	91	-1.56E-9	0.000060	1213	-0.00	1.0000
rater	VH	91	2.054E-9	0.000060	1213	0.00	1.0000
Intercept		92	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	92	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	92	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		93	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	93	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	93	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		94	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	94	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	94	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		95	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	95	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	95	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		96	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	96	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	96	0	0.000060	1213	0.00	1.0000
Intercept		97	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	97	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	97	0	0.000060	1213	0.00	1.0000
Intercept		98	1.0174	1.0859	1213	0.94	0.3490
rater	JW	98	1.084E-9	0.000060	1213	0.00	1.0000
rater	VH	98	0	0.000060	1213	0.00	1.0000
Intercept		99	1.0174	1.0859	1213	0.94	0.3490
rater	JW	99	1.084E-9	0.000060	1213	0.00	1.0000
rater	VH	99	0	0.000060	1213	0.00	1.0000
Intercept		100	3.9008	0.8872	1213	4.40	<.0001
rater	JW	100	4.156E-9	0.000060	1213	0.00	0.9999
rater	VH	100	0	0.000060	1213	0.00	1.0000
Intercept		101	1.9366	0.9205	1213	2.10	0.0356

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
rater	JW	101	2.063E-9	0.000060	1213	0.00	1.0000
rater	VH	101	0	0.000060	1213	0.00	1.0000
Intercept		102	2.6379	0.8596	1213	3.07	0.0022
rater	JW	102	2.81E-9	0.000060	1213	0.00	1.0000
rater	VH	102	0	0.000060	1213	0.00	1.0000
Intercept		103	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	103	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	103	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		104	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	104	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	104	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		105	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	105	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	105	0	0.000060	1213	0.00	1.0000
Intercept		106	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	106	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	106	0	0.000060	1213	0.00	1.0000
Intercept		107	1.2099	0.8160	1213	1.48	0.1384
rater	JW	107	6.45E-10	0.000060	1213	0.00	1.0000
rater	VH	107	6.45E-10	0.000060	1213	0.00	1.0000
Intercept		108	1.2099	0.8160	1213	1.48	0.1384
rater	JW	108	4.258E-9	0.000060	1213	0.00	0.9999
rater	VH	108	-2.97E-9	0.000060	1213	-0.00	1.0000
Intercept		109	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	109	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	109	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		110	1.2099	0.8160	1213	1.48	0.1384
rater	JW	110	6.45E-10	0.000060	1213	0.00	1.0000
rater	VH	110	6.45E-10	0.000060	1213	0.00	1.0000
Intercept		111	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	111	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	111	0	0.000060	1213	0.00	1.0000
Intercept		112	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	112	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	112	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		113	1.0174	1.0859	1213	0.94	0.3490
rater	JW	113	1.084E-9	0.000060	1213	0.00	1.0000
rater	VH	113	0	0.000060	1213	0.00	1.0000
Intercept		114	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	114	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	114	0	0.000060	1213	0.00	1.0000
Intercept		115	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	115	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	115	0	0.000060	1213	0.00	1.0000
Intercept		116	1.2099	0.8160	1213	1.48	0.1384
rater	JW	116	4.258E-9	0.000060	1213	0.00	0.9999
rater	VH	116	-2.97E-9	0.000060	1213	-0.00	1.0000
Intercept		117	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	117	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	117	0	0.000060	1213	0.00	1.0000
Intercept		118	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	118	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	118	0	0.000060	1213	0.00	1.0000
Intercept		119	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	119	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	119	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		120	0.4645	0.9851	1213	0.47	0.6373
rater	JW	120	2.054E-9	0.000060	1213	0.00	1.0000
rater	VH	120	-1.56E-9	0.000060	1213	-0.00	1.0000
Intercept		121	1.0174	1.0859	1213	0.94	0.3490
rater	JW	121	1.084E-9	0.000060	1213	0.00	1.0000
rater	VH	121	0	0.000060	1213	0.00	1.0000
Intercept		122	1.2099	0.8160	1213	1.48	0.1384
rater	JW	122	6.45E-10	0.000060	1213	0.00	1.0000
rater	VH	122	6.45E-10	0.000060	1213	0.00	1.0000

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
Intercept		123	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	123	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	123	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		124	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	124	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	124	0	0.000060	1213	0.00	1.0000
Intercept		125	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	125	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	125	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		126	1.9366	0.9205	1213	2.10	0.0356
rater	JW	126	2.063E-9	0.000060	1213	0.00	1.0000
rater	VH	126	0	0.000060	1213	0.00	1.0000
Intercept		127	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	127	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	127	0	0.000060	1213	0.00	1.0000
Intercept		128	1.2099	0.8160	1213	1.48	0.1384
rater	JW	128	6.45E-10	0.000060	1213	0.00	1.0000
rater	VH	128	6.45E-10	0.000060	1213	0.00	1.0000
Intercept		129	1.0174	1.0859	1213	0.94	0.3490
rater	JW	129	1.084E-9	0.000060	1213	0.00	1.0000
rater	VH	129	0	0.000060	1213	0.00	1.0000
Intercept		130	1.9366	0.9205	1213	2.10	0.0356
rater	JW	130	2.063E-9	0.000060	1213	0.00	1.0000
rater	VH	130	0	0.000060	1213	0.00	1.0000
Intercept		131	2.9122	0.6514	1213	4.47	<.0001
rater	JW	131	1.551E-9	0.000060	1213	0.00	1.0000
rater	VH	131	1.551E-9	0.000060	1213	0.00	1.0000
Intercept		132	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	132	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	132	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		133	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	133	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	133	0	0.000060	1213	0.00	1.0000
Intercept		134	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	134	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	134	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		135	1.7421	0.7318	1213	2.38	0.0174
rater	JW	135	-879E-12	0.000060	1213	-0.00	1.0000
rater	VH	135	2.735E-9	0.000060	1213	0.00	1.0000
Intercept		136	2.9122	0.6514	1213	4.47	<.0001
rater	JW	136	1.551E-9	0.000060	1213	0.00	1.0000
rater	VH	136	1.551E-9	0.000060	1213	0.00	1.0000
Intercept		137	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	137	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	137	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		138	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	138	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	138	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		139	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	139	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	139	0	0.000060	1213	0.00	1.0000
Intercept		140	1.9366	0.9205	1213	2.10	0.0356
rater	JW	140	2.063E-9	0.000060	1213	0.00	1.0000
rater	VH	140	0	0.000060	1213	0.00	1.0000
Intercept		141	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	141	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	141	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		142	1.9366	0.9205	1213	2.10	0.0356
rater	JW	142	2.063E-9	0.000060	1213	0.00	1.0000
rater	VH	142	0	0.000060	1213	0.00	1.0000
Intercept		143	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	143	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	143	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		144	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	144	-597E-12	0.000060	1213	-0.00	1.0000

Solution for Random Effects

Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
rater	VH	144	0	0.000060	1213	0.00	1.0000
Intercept		145	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	145	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	145	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		146	0.4645	0.9851	1213	0.47	0.6373
rater	JW	146	-1.56E-9	0.000060	1213	-0.00	1.0000
rater	VH	146	2.054E-9	0.000060	1213	0.00	1.0000
Intercept		147	1.0174	1.0859	1213	0.94	0.3490
rater	JW	147	1.084E-9	0.000060	1213	0.00	1.0000
rater	VH	147	0	0.000060	1213	0.00	1.0000
Intercept		148	1.2099	0.8160	1213	1.48	0.1384
rater	JW	148	6.45E-10	0.000060	1213	0.00	1.0000
rater	VH	148	6.45E-10	0.000060	1213	0.00	1.0000
Intercept		149	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	149	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	149	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		150	0.5781	1.0027	1213	0.58	0.5643
rater	JW	150	1.887E-9	0.000060	1213	0.00	1.0000
rater	VH	150	-1.27E-9	0.000060	1213	-0.00	1.0000
Intercept		151	-0.8485	1.3674	1213	-0.62	0.5350
rater	JW	151	-452E-12	0.000060	1213	-0.00	1.0000
rater	VH	151	-452E-12	0.000060	1213	-0.00	1.0000
Intercept		152	1.7421	0.7318	1213	2.38	0.0174
rater	JW	152	2.735E-9	0.000060	1213	0.00	1.0000
rater	VH	152	-879E-12	0.000060	1213	-0.00	1.0000
Intercept		153	1.0174	1.0859	1213	0.94	0.3490
rater	JW	153	1.084E-9	0.000060	1213	0.00	1.0000
rater	VH	153	0	0.000060	1213	0.00	1.0000
Intercept		154	1.0174	1.0859	1213	0.94	0.3490
rater	JW	154	1.084E-9	0.000060	1213	0.00	1.0000
rater	VH	154	0	0.000060	1213	0.00	1.0000
Intercept		155	1.7421	0.7318	1213	2.38	0.0174
rater	JW	155	-879E-12	0.000060	1213	-0.00	1.0000
rater	VH	155	2.735E-9	0.000060	1213	0.00	1.0000
Intercept		156	1.0174	1.0859	1213	0.94	0.3490
rater	JW	156	1.084E-9	0.000060	1213	0.00	1.0000
rater	VH	156	0	0.000060	1213	0.00	1.0000
Intercept		157	1.0174	1.0859	1213	0.94	0.3490
rater	JW	157	1.084E-9	0.000060	1213	0.00	1.0000
rater	VH	157	0	0.000060	1213	0.00	1.0000
Intercept		158	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	158	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	158	0	0.000060	1213	0.00	1.0000
Intercept		159	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	159	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	159	0	0.000060	1213	0.00	1.0000
Intercept		160	-0.5605	1.4866	1213	-0.38	0.7062
rater	JW	160	-597E-12	0.000060	1213	-0.00	1.0000
rater	VH	160	0	0.000060	1213	0.00	1.0000
Intercept		161	3.5055	0.6793	1213	5.16	<.0001
rater	JW	161	2.356E-9	0.000060	1213	0.00	1.0000
rater	VH	161	1.378E-9	0.000060	1213	0.00	1.0000

Attribute Least Squares Means

Attribute	Estimate	Standard Error	DF	t Value	Pr > |t|	Alpha	Lower	Upper	Mean	Standard Error Mean	Lower Mean	Upper Mean
RUL	-2.5957	0.3032	1213	-8.56	<.0001	0.05	-3.1906	-2.0008	0.06941	0.01959	0.03952	0.1191
RML	-3.9382	0.3914	1213	-10.06	<.0001	0.05	-4.7061	-3.1703	0.01911	0.007337	0.008959	0.04030
RLL	-2.5141	0.2997	1213	-8.39	<.0001	0.05	-3.1020	-1.9262	0.07488	0.02076	0.04303	0.1272
LUS	-4.0311	0.3997	1213	-10.09	<.0001	0.05	-4.8152	-3.2471	0.01744	0.006850	0.008040	0.03743
LLS	-3.9382	0.3914	1213	-10.06	<.0001	0.05	-4.7061	-3.1703	0.01911	0.007337	0.008959	0.04030
LLL	-2.4225	0.2948	1213	-8.22	<.0001	0.05	-3.0008	-1.8442	0.08148	0.02206	0.04739	0.1366

Differences of Attribute Least Squares Means
Adjustment for Multiple Comparisons: Tukey-Kramer

Attribute	Attribute	Estimate	Standard Error	DF	t Value	Pr > |t|	Adj P	Alpha	Lower	Upper	Adj Lower	Adj Upper	Odds Ratio	Lower Confidence Limit for Odds Ratio	Upper Confidence Limit for Odds Ratio	Adj Lower Odds Ratio	Adj Upper Odds Ratio
RUL	RML	1.3425	0.3720	1213	3.61	0.0003	0.0043	0.05	0.6127	2.0723	0.2807	2.4042	3.828	1.845	7.943	1.324	11.070
RUL	RLL	-0.08165	0.2982	1213	-0.27	0.7843	0.9998	0.05	-0.6667	0.5034	-0.9328	0.7695	0.922	0.513	1.654	0.393	2.159
RUL	LUS	1.4354	0.3797	1213	3.78	0.0002	0.0023	0.05	0.6904	2.1804	0.3516	2.5193	4.201	1.995	8.850	1.421	12.420
RUL	LLS	1.3425	0.3720	1213	3.61	0.0003	0.0043	0.05	0.6127	2.0723	0.2807	2.4042	3.828	1.845	7.943	1.324	11.069
RUL	LLL	-0.1733	0.2946	1213	-0.59	0.5566	0.9918	0.05	-0.7513	0.4047	-1.0142	0.6676	0.841	0.472	1.499	0.363	1.950
RML	RLL	-1.4241	0.3716	1213	-3.83	0.0001	0.0019	0.05	-2.1532	-0.6950	-2.4849	-0.3634	0.241	0.116	0.499	0.083	0.695
RML	LUS	0.09296	0.4313	1213	0.22	0.8294	0.9999	0.05	-0.7533	0.9392	-1.1382	1.3241	1.097	0.471	2.558	0.320	3.759
RML	LLS	-3.2E-7	0.4250	1213	-0.00	1.0000	1.0000	0.05	-0.8339	0.8339	-1.2132	1.2132	1.000	0.434	2.302	0.297	3.364
RML	LLL	-1.5157	0.3691	1213	-4.11	<.0001	0.0006	0.05	-2.2398	-0.7916	-2.5692	-0.4622	0.220	0.106	0.453	0.077	0.630
RLL	LUS	1.5171	0.3794	1213	4.00	<.0001	0.0010	0.05	0.7726	2.2615	0.4340	2.6001	4.559	2.165	9.598	1.543	13.465
RLL	LLS	1.4241	0.3716	1213	3.83	0.0001	0.0019	0.05	0.6950	2.1532	0.3634	2.4849	4.154	2.004	8.613	1.438	11.999
RLL	LLL	-0.09160	0.2930	1213	-0.31	0.7546	0.9996	0.05	-0.6665	0.4833	-0.9280	0.7448	0.912	0.513	1.621	0.395	2.106
LUS	LLS	-0.09296	0.4313	1213	-0.22	0.8294	0.9999	0.05	-0.9392	0.7533	-1.3241	1.1382	0.911	0.391	2.124	0.266	3.121
LUS	LLL	-1.6087	0.3770	1213	-4.27	<.0001	0.0003	0.05	-2.3483	-0.8691	-2.6847	-0.5327	0.200	0.096	0.419	0.068	0.587
LLS	LLL	-1.5157	0.3691	1213	-4.11	<.0001	0.0006	0.05	-2.2398	-0.7916	-2.5692	-0.4622	0.220	0.106	0.453	0.077	0.630