The GLIMMIX Procedure

Model Information	
Data Set	WORK.SORTEDDATA
Response Variable	Value
Response Distribution	Multinomial (ordered)
Link Function	Cumulative 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	1464

Response Profile		
Ordered Value	Value	Total Frequency
1	0	1275
2	1	169
3	2	13
4	3	6
5	10	1

The GLIMMIX procedure is modeling the probabilities of levels of Value having lower Ordered Values in the Response Profile table.

Dimensions	
G-side Cov. Parameters	2
Columns in X	12
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	12
Lower Boundaries	2
Upper Boundaries	0
Fixed Effects	Not Profiled
Starting From	GLM estimates
Quadrature Points	5

Iteration History					
Iteration	Restarts	Evaluations	Objective Function	Change	Max Gradient
0	0	4	1112.3908604	.	40.00647
1	0	2	1083.7547153	28.63614506	17.06386
2	0	2	1077.2623613	6.49235399	19.65186
3	0	2	1070.0775895	7.18477188	10.19793
4	0	4	1066.1882369	3.88935257	7.224656
5	0	4	1064.41738	1.77085689	3.448149
6	0	2	1062.687201	1.73017900	5.137044
7	0	2	1060.5261374	2.16106358	5.269144
8	0	3	1059.1156492	1.41048827	3.208869
9	0	3	1058.9220693	0.19357982	2.01939
10	0	3	1058.8469194	0.07514996	0.803411
11	0	3	1058.8154101	0.03150931	0.694886
12	0	2	1058.7615557	0.05385435	0.385944
13	0	3	1058.7390077	0.02254797	0.26784
14	0	3	1058.7346923	0.00431547	0.074369
15	0	3	1058.7342289	0.00046331	0.0678
16	0	4	1058.7329005	0.00132845	0.117942
17	0	3	1058.7325216	0.00037889	0.021197

Iteration History					
Iteration	Restarts	Evaluations	Objective Function	Change	Max Gradient
18	0	3	1058.7325042	0.00001746	0.00646
19	0	3	1058.7325024	0.00000178	0.000898

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

Fit Statistics	
-2 Log Likelihood	1058.73
AIC (smaller is better)	1082.73
AICC (smaller is better)	1082.95
BIC (smaller is better)	1119.71
CAIC (smaller is better)	1131.71
HQIC (smaller is better)	1097.75

Fit Statistics for Conditional Distribution	
-2 log L(Value | r. effects)	774.92

Covariance Parameter Estimates			
Cov Parm	Subject	Estimate	Standard Error
Intercept	newID	3.6770	0.9038
rater	newID	0.5126	0.3093

Solutions for Fixed Effects								
Effect	Value	Attribute	rater	Estimate	Standard Error	DF	t Value	Pr > |t|
Intercept	0			2.8147	0.3719	82	7.57	<.0001
Intercept	1			5.9324	0.4662	82	12.72	<.0001
Intercept	2			7.0878	0.5644	82	12.56	<.0001
Intercept	3			9.0909	1.0882	82	8.35	<.0001
Attribute		RUL		0.1672	0.3167	1212	0.53	0.5977
Attribute		RML		0.5593	0.3339	1212	1.67	0.0942
Attribute		RLL		-0.3086	0.3000	1212	-1.03	0.3038
Attribute		LUS		0.2968	0.3207	1212	0.93	0.3550
Attribute		LLS		0.5989	0.3344	1212	1.79	0.0735
Attribute		LLL		0	.	.	.	.
rater			JW	0.2960	0.2509	82	1.18	0.2415
rater			VH	0	.	.	.	.

Type III Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
Attribute	5	1212	2.32	0.0414
rater	1	82	1.39	0.2415

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
Intercept		1	0.8054	1.4548	1212	0.55	0.5799
rater	JW	1	0.04847	0.7032	1212	0.07	0.9451
rater	VH	1	0.06381	0.7010	1212	0.09	0.9275
Intercept		2	-0.5289	1.0597	1212	-0.50	0.6178
rater	JW	2	-0.2745	0.6907	1212	-0.40	0.6912
rater	VH	2	0.2007	0.6850	1212	0.29	0.7695
Intercept		3	0.4732	1.6034	1212	0.30	0.7679
rater	JW	3	0.06597	0.7017	1212	0.09	0.9251
rater	VH	3	0	0.7160	1212	0.00	1.0000
Intercept		4	-4.2006	0.8215	1212	-5.11	<.0001
rater	JW	4	-1.1413	0.8034	1212	-1.42	0.1557
rater	VH	4	0.5557	0.6481	1212	0.86	0.3914
Intercept		5	0.4732	1.6034	1212	0.30	0.7679
rater	JW	5	0.06597	0.7017	1212	0.09	0.9251
rater	VH	5	0	0.7160	1212	0.00	1.0000
Intercept		6	0.4732	1.6034	1212	0.30	0.7679
rater	JW	6	0.06597	0.7017	1212	0.09	0.9251
rater	VH	6	0	0.7160	1212	0.00	1.0000
Intercept		7	0.4732	1.6034	1212	0.30	0.7679
rater	JW	7	0.06597	0.7017	1212	0.09	0.9251

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
rater	VH	7	0	0.7160	1212	0.00	1.0000
Intercept		8	-1.8947	1.0521	1212	-1.80	0.0720
rater	JW	8	-0.2641	0.6964	1212	-0.38	0.7046
rater	VH	8	0	0.7160	1212	0.00	1.0000
Intercept		9	0.8054	1.4548	1212	0.55	0.5799
rater	JW	9	0.04847	0.7032	1212	0.07	0.9451
rater	VH	9	0.06381	0.7010	1212	0.09	0.9275
Intercept		10	-1.8958	1.0524	1212	-1.80	0.0719
rater	JW	10	-0.2643	0.6964	1212	-0.38	0.7044
rater	VH	10	0	0.7160	1212	0.00	1.0000
Intercept		11	0.4732	1.6034	1212	0.30	0.7679
rater	JW	11	0.06597	0.7017	1212	0.09	0.9251
rater	VH	11	0	0.7160	1212	0.00	1.0000
Intercept		12	0.4732	1.6034	1212	0.30	0.7679
rater	JW	12	0.06597	0.7017	1212	0.09	0.9251
rater	VH	12	0	0.7160	1212	0.00	1.0000
Intercept		13	-1.0998	1.1879	1212	-0.93	0.3547
rater	JW	13	-0.1533	0.6900	1212	-0.22	0.8242
rater	VH	13	0	0.7160	1212	0.00	1.0000
Intercept		14	0.4732	1.6034	1212	0.30	0.7679
rater	JW	14	0.06597	0.7017	1212	0.09	0.9251
rater	VH	14	0	0.7160	1212	0.00	1.0000
Intercept		15	0.8054	1.4548	1212	0.55	0.5799
rater	JW	15	0.04847	0.7032	1212	0.07	0.9451
rater	VH	15	0.06381	0.7010	1212	0.09	0.9275
Intercept		16	0.8054	1.4548	1212	0.55	0.5799
rater	JW	16	0.04847	0.7032	1212	0.07	0.9451
rater	VH	16	0.06381	0.7010	1212	0.09	0.9275
Intercept		17	-2.8948	0.7754	1212	-3.73	0.0002
rater	JW	17	-0.9441	0.7277	1212	-1.30	0.1948
rater	VH	17	0.5405	0.6427	1212	0.84	0.4005
Intercept		18	0.4732	1.6034	1212	0.30	0.7679
rater	JW	18	0.06597	0.7017	1212	0.09	0.9251
rater	VH	18	0	0.7160	1212	0.00	1.0000
Intercept		19	0.4732	1.6034	1212	0.30	0.7679
rater	JW	19	0.06597	0.7017	1212	0.09	0.9251
rater	VH	19	0	0.7160	1212	0.00	1.0000
Intercept		20	0.8054	1.4548	1212	0.55	0.5799
rater	JW	20	0.04847	0.7032	1212	0.07	0.9451
rater	VH	20	0.06381	0.7010	1212	0.09	0.9275
Intercept		21	-1.1042	1.1887	1212	-0.93	0.3532
rater	JW	21	-0.1539	0.6900	1212	-0.22	0.8235
rater	VH	21	0	0.7160	1212	0.00	1.0000
Intercept		22	-1.1034	1.1886	1212	-0.93	0.3534
rater	JW	22	-0.1538	0.6900	1212	-0.22	0.8236
rater	VH	22	0	0.7160	1212	0.00	1.0000
Intercept		23	0.4732	1.6034	1212	0.30	0.7679
rater	JW	23	0.06597	0.7017	1212	0.09	0.9251
rater	VH	23	0	0.7160	1212	0.00	1.0000
Intercept		24	0.8054	1.4548	1212	0.55	0.5799
rater	JW	24	0.04847	0.7032	1212	0.07	0.9451
rater	VH	24	0.06381	0.7010	1212	0.09	0.9275
Intercept		25	-0.4959	1.0633	1212	-0.47	0.6410
rater	JW	25	0.1541	0.6859	1212	0.22	0.8223
rater	VH	25	-0.2232	0.6830	1212	-0.33	0.7439
Intercept		26	0.8054	1.4548	1212	0.55	0.5799
rater	JW	26	0.04847	0.7032	1212	0.07	0.9451
rater	VH	26	0.06381	0.7010	1212	0.09	0.9275
Intercept		27	0.4732	1.6034	1212	0.30	0.7679
rater	JW	27	0.06597	0.7017	1212	0.09	0.9251
rater	VH	27	0	0.7160	1212	0.00	1.0000
Intercept		28	0.4732	1.6034	1212	0.30	0.7679
rater	JW	28	0.06597	0.7017	1212	0.09	0.9251
rater	VH	28	0	0.7160	1212	0.00	1.0000
Intercept		29	0.8054	1.4548	1212	0.55	0.5799

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
rater	JW	29	0.04847	0.7032	1212	0.07	0.9451
rater	VH	29	0.06381	0.7010	1212	0.09	0.9275
Intercept		30	-1.6753	0.8426	1212	-1.99	0.0470
rater	JW	30	0.001604	0.6471	1212	0.00	0.9980
rater	VH	30	-0.2352	0.6513	1212	-0.36	0.7181
Intercept		31	0.4732	1.6034	1212	0.30	0.7679
rater	JW	31	0.06597	0.7017	1212	0.09	0.9251
rater	VH	31	0	0.7160	1212	0.00	1.0000
Intercept		32	0.8054	1.4548	1212	0.55	0.5799
rater	JW	32	0.04847	0.7032	1212	0.07	0.9451
rater	VH	32	0.06381	0.7010	1212	0.09	0.9275
Intercept		33	0.4732	1.6034	1212	0.30	0.7679
rater	JW	33	0.06597	0.7017	1212	0.09	0.9251
rater	VH	33	0	0.7160	1212	0.00	1.0000
Intercept		34	0.8054	1.4548	1212	0.55	0.5799
rater	JW	34	0.04847	0.7032	1212	0.07	0.9451
rater	VH	34	0.06381	0.7010	1212	0.09	0.9275
Intercept		35	0.8054	1.4548	1212	0.55	0.5799
rater	JW	35	0.04847	0.7032	1212	0.07	0.9451
rater	VH	35	0.06381	0.7010	1212	0.09	0.9275
Intercept		36	-2.0631	0.8016	1212	-2.57	0.0102
rater	JW	36	-0.2010	0.6442	1212	-0.31	0.7551
rater	VH	36	-0.08665	0.6356	1212	-0.14	0.8916
Intercept		37	0.4732	1.6034	1212	0.30	0.7679
rater	JW	37	0.06597	0.7017	1212	0.09	0.9251
rater	VH	37	0	0.7160	1212	0.00	1.0000
Intercept		38	-2.0778	0.8036	1212	-2.59	0.0098
rater	JW	38	-0.2016	0.6447	1212	-0.31	0.7545
rater	VH	38	-0.08801	0.6361	1212	-0.14	0.8900
Intercept		39	0.4732	1.6034	1212	0.30	0.7679
rater	JW	39	0.06597	0.7017	1212	0.09	0.9251
rater	VH	39	0	0.7160	1212	0.00	1.0000
Intercept		40	-2.0120	0.8718	1212	-2.31	0.0212
rater	JW	40	0.02326	0.6500	1212	0.04	0.9715
rater	VH	40	-0.3037	0.6638	1212	-0.46	0.6474
Intercept		41	0.4732	1.6034	1212	0.30	0.7679
rater	JW	41	0.06597	0.7017	1212	0.09	0.9251
rater	VH	41	0	0.7160	1212	0.00	1.0000
Intercept		42	-1.1023	1.1884	1212	-0.93	0.3538
rater	JW	42	-0.1537	0.6900	1212	-0.22	0.8238
rater	VH	42	0	0.7160	1212	0.00	1.0000
Intercept		43	0.4732	1.6034	1212	0.30	0.7679
rater	JW	43	0.06597	0.7017	1212	0.09	0.9251
rater	VH	43	0	0.7160	1212	0.00	1.0000
Intercept		44	-3.5404	1.0773	1212	-3.29	0.0010
rater	JW	44	-0.4935	0.7362	1212	-0.67	0.5027
rater	VH	44	0	0.7160	1212	0.00	1.0000
Intercept		45	-1.1042	1.1887	1212	-0.93	0.3532
rater	JW	45	-0.1539	0.6900	1212	-0.22	0.8235
rater	VH	45	0	0.7160	1212	0.00	1.0000
Intercept		46	0.4732	1.6034	1212	0.30	0.7679
rater	JW	46	0.06597	0.7017	1212	0.09	0.9251
rater	VH	46	0	0.7160	1212	0.00	1.0000
Intercept		47	0.8054	1.4548	1212	0.55	0.5799
rater	JW	47	0.04847	0.7032	1212	0.07	0.9451
rater	VH	47	0.06381	0.7010	1212	0.09	0.9275
Intercept		48	0.4732	1.6034	1212	0.30	0.7679
rater	JW	48	0.06597	0.7017	1212	0.09	0.9251
rater	VH	48	0	0.7160	1212	0.00	1.0000
Intercept		49	0.8054	1.4548	1212	0.55	0.5799
rater	JW	49	0.04847	0.7032	1212	0.07	0.9451
rater	VH	49	0.06381	0.7010	1212	0.09	0.9275
Intercept		50	-2.5392	0.8062	1212	-3.15	0.0017
rater	JW	50	0.6185	0.6646	1212	0.93	0.3522
rater	VH	50	-0.9724	0.7373	1212	-1.32	0.1874

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
Intercept		51	0.4732	1.6034	1212	0.30	0.7679
rater	JW	51	0.06597	0.7017	1212	0.09	0.9251
rater	VH	51	0	0.7160	1212	0.00	1.0000
Intercept		52	0.4732	1.6034	1212	0.30	0.7679
rater	JW	52	0.06597	0.7017	1212	0.09	0.9251
rater	VH	52	0	0.7160	1212	0.00	1.0000
Intercept		53	-1.2223	0.9095	1212	-1.34	0.1792
rater	JW	53	-0.1247	0.6622	1212	-0.19	0.8507
rater	VH	53	-0.04573	0.6565	1212	-0.07	0.9445
Intercept		54	-2.3913	0.7857	1212	-3.04	0.0024
rater	JW	54	-0.08056	0.6340	1212	-0.13	0.8989
rater	VH	54	-0.2528	0.6389	1212	-0.40	0.6924
Intercept		55	0.8054	1.4548	1212	0.55	0.5799
rater	JW	55	0.04847	0.7032	1212	0.07	0.9451
rater	VH	55	0.06381	0.7010	1212	0.09	0.9275
Intercept		56	-0.4935	1.0630	1212	-0.46	0.6425
rater	JW	56	0.1538	0.6859	1212	0.22	0.8227
rater	VH	56	-0.2226	0.6829	1212	-0.33	0.7445
Intercept		57	-1.0998	1.1879	1212	-0.93	0.3547
rater	JW	57	-0.1533	0.6900	1212	-0.22	0.8242
rater	VH	57	0	0.7160	1212	0.00	1.0000
Intercept		58	0.4732	1.6034	1212	0.30	0.7679
rater	JW	58	0.06597	0.7017	1212	0.09	0.9251
rater	VH	58	0	0.7160	1212	0.00	1.0000
Intercept		59	0.4732	1.6034	1212	0.30	0.7679
rater	JW	59	0.06597	0.7017	1212	0.09	0.9251
rater	VH	59	0	0.7160	1212	0.00	1.0000
Intercept		60	0.8054	1.4548	1212	0.55	0.5799
rater	JW	60	0.04847	0.7032	1212	0.07	0.9451
rater	VH	60	0.06381	0.7010	1212	0.09	0.9275
Intercept		61	0.4732	1.6034	1212	0.30	0.7679
rater	JW	61	0.06597	0.7017	1212	0.09	0.9251
rater	VH	61	0	0.7160	1212	0.00	1.0000
Intercept		62	0.4732	1.6034	1212	0.30	0.7679
rater	JW	62	0.06597	0.7017	1212	0.09	0.9251
rater	VH	62	0	0.7160	1212	0.00	1.0000
Intercept		63	-1.0998	1.1879	1212	-0.93	0.3547
rater	JW	63	-0.1533	0.6900	1212	-0.22	0.8242
rater	VH	63	0	0.7160	1212	0.00	1.0000
Intercept		64	0.4732	1.6034	1212	0.30	0.7679
rater	JW	64	0.06597	0.7017	1212	0.09	0.9251
rater	VH	64	0	0.7160	1212	0.00	1.0000
Intercept		65	-3.1713	0.7653	1212	-4.14	<.0001
rater	JW	65	-0.02521	0.6245	1212	-0.04	0.9678
rater	VH	65	-0.4169	0.6461	1212	-0.65	0.5189
Intercept		66	-1.2175	0.9090	1212	-1.34	0.1807
rater	JW	66	-0.1244	0.6621	1212	-0.19	0.8510
rater	VH	66	-0.04533	0.6564	1212	-0.07	0.9450
Intercept		67	0.8054	1.4548	1212	0.55	0.5799
rater	JW	67	0.04847	0.7032	1212	0.07	0.9451
rater	VH	67	0.06381	0.7010	1212	0.09	0.9275
Intercept		68	-0.4959	1.0633	1212	-0.47	0.6410
rater	JW	68	0.1541	0.6859	1212	0.22	0.8223
rater	VH	68	-0.2232	0.6830	1212	-0.33	0.7439
Intercept		69	0.4732	1.6034	1212	0.30	0.7679
rater	JW	69	0.06597	0.7017	1212	0.09	0.9251
rater	VH	69	0	0.7160	1212	0.00	1.0000
Intercept		70	0.8054	1.4548	1212	0.55	0.5799
rater	JW	70	0.04847	0.7032	1212	0.07	0.9451
rater	VH	70	0.06381	0.7010	1212	0.09	0.9275
Intercept		71	0.8054	1.4548	1212	0.55	0.5799
rater	JW	71	0.04847	0.7032	1212	0.07	0.9451
rater	VH	71	0.06381	0.7010	1212	0.09	0.9275
Intercept		72	0.8054	1.4548	1212	0.55	0.5799
rater	JW	72	0.04847	0.7032	1212	0.07	0.9451

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
rater	VH	72	0.06381	0.7010	1212	0.09	0.9275
Intercept		73	0.8054	1.4548	1212	0.55	0.5799
rater	JW	73	0.04847	0.7032	1212	0.07	0.9451
rater	VH	73	0.06381	0.7010	1212	0.09	0.9275
Intercept		74	-1.2223	0.9095	1212	-1.34	0.1792
rater	JW	74	-0.1247	0.6622	1212	-0.19	0.8507
rater	VH	74	-0.04573	0.6565	1212	-0.07	0.9445
Intercept		75	0.4732	1.6034	1212	0.30	0.7679
rater	JW	75	0.06597	0.7017	1212	0.09	0.9251
rater	VH	75	0	0.7160	1212	0.00	1.0000
Intercept		76	0.8054	1.4548	1212	0.55	0.5799
rater	JW	76	0.04847	0.7032	1212	0.07	0.9451
rater	VH	76	0.06381	0.7010	1212	0.09	0.9275
Intercept		77	0.8054	1.4548	1212	0.55	0.5799
rater	JW	77	0.04847	0.7032	1212	0.07	0.9451
rater	VH	77	0.06381	0.7010	1212	0.09	0.9275
Intercept		78	-1.6770	0.8428	1212	-1.99	0.0468
rater	JW	78	0.000760	0.6472	1212	0.00	0.9991
rater	VH	78	-0.2345	0.6513	1212	-0.36	0.7188
Intercept		79	-1.1055	1.1890	1212	-0.93	0.3527
rater	JW	79	-0.1541	0.6901	1212	-0.22	0.8233
rater	VH	79	0	0.7160	1212	0.00	1.0000
Intercept		80	-1.2249	0.9099	1212	-1.35	0.1785
rater	JW	80	-0.1248	0.6622	1212	-0.19	0.8505
rater	VH	80	-0.04594	0.6565	1212	-0.07	0.9442
Intercept		81	-3.9995	0.8194	1212	-4.88	<.0001
rater	JW	81	-0.3393	0.6591	1212	-0.51	0.6068
rater	VH	81	-0.2182	0.6442	1212	-0.34	0.7349
Intercept		82	0.4732	1.6034	1212	0.30	0.7679
rater	JW	82	0.06597	0.7017	1212	0.09	0.9251
rater	VH	82	0	0.7160	1212	0.00	1.0000
Intercept		83	-0.4959	1.0633	1212	-0.47	0.6410
rater	JW	83	0.1541	0.6859	1212	0.22	0.8223
rater	VH	83	-0.2232	0.6830	1212	-0.33	0.7439
Intercept		84	-4.1294	0.7778	1212	-5.31	<.0001
rater	JW	84	-0.3577	0.6494	1212	-0.55	0.5819
rater	VH	84	-0.2180	0.6329	1212	-0.34	0.7306
Intercept		85	-1.2045	0.9120	1212	-1.32	0.1868
rater	JW	85	-0.4976	0.6971	1212	-0.71	0.4755
rater	VH	85	0.3297	0.6762	1212	0.49	0.6259
Intercept		86	-1.1042	1.1887	1212	-0.93	0.3532
rater	JW	86	-0.1539	0.6900	1212	-0.22	0.8235
rater	VH	86	0	0.7160	1212	0.00	1.0000
Intercept		87	0.4732	1.6034	1212	0.30	0.7679
rater	JW	87	0.06597	0.7017	1212	0.09	0.9251
rater	VH	87	0	0.7160	1212	0.00	1.0000
Intercept		88	-2.0806	0.8040	1212	-2.59	0.0098
rater	JW	88	-0.2018	0.6448	1212	-0.31	0.7544
rater	VH	88	-0.08828	0.6362	1212	-0.14	0.8897
Intercept		89	-1.6825	0.8435	1212	-1.99	0.0463
rater	JW	89	0.001434	0.6473	1212	0.00	0.9982
rater	VH	89	-0.2360	0.6516	1212	-0.36	0.7173
Intercept		90	0.4732	1.6034	1212	0.30	0.7679
rater	JW	90	0.06597	0.7017	1212	0.09	0.9251
rater	VH	90	0	0.7160	1212	0.00	1.0000
Intercept		91	-0.5282	1.0596	1212	-0.50	0.6182
rater	JW	91	-0.2743	0.6907	1212	-0.40	0.6914
rater	VH	91	0.2006	0.6850	1212	0.29	0.7696
Intercept		92	0.8054	1.4548	1212	0.55	0.5799
rater	JW	92	0.04847	0.7032	1212	0.07	0.9451
rater	VH	92	0.06381	0.7010	1212	0.09	0.9275
Intercept		93	0.8054	1.4548	1212	0.55	0.5799
rater	JW	93	0.04847	0.7032	1212	0.07	0.9451
rater	VH	93	0.06381	0.7010	1212	0.09	0.9275
Intercept		94	-1.2223	0.9095	1212	-1.34	0.1792

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
rater	JW	94	-0.1247	0.6622	1212	-0.19	0.8507
rater	VH	94	-0.04573	0.6565	1212	-0.07	0.9445
Intercept		95	0.8054	1.4548	1212	0.55	0.5799
rater	JW	95	0.04847	0.7032	1212	0.07	0.9451
rater	VH	95	0.06381	0.7010	1212	0.09	0.9275
Intercept		96	0.4732	1.6034	1212	0.30	0.7679
rater	JW	96	0.06597	0.7017	1212	0.09	0.9251
rater	VH	96	0	0.7160	1212	0.00	1.0000
Intercept		97	0.4732	1.6034	1212	0.30	0.7679
rater	JW	97	0.06597	0.7017	1212	0.09	0.9251
rater	VH	97	0	0.7160	1212	0.00	1.0000
Intercept		98	0.4732	1.6034	1212	0.30	0.7679
rater	JW	98	0.06597	0.7017	1212	0.09	0.9251
rater	VH	98	0	0.7160	1212	0.00	1.0000
Intercept		99	0.4732	1.6034	1212	0.30	0.7679
rater	JW	99	0.06597	0.7017	1212	0.09	0.9251
rater	VH	99	0	0.7160	1212	0.00	1.0000
Intercept		100	0.4732	1.6034	1212	0.30	0.7679
rater	JW	100	0.06597	0.7017	1212	0.09	0.9251
rater	VH	100	0	0.7160	1212	0.00	1.0000
Intercept		101	0.4732	1.6034	1212	0.30	0.7679
rater	JW	101	0.06597	0.7017	1212	0.09	0.9251
rater	VH	101	0	0.7160	1212	0.00	1.0000
Intercept		102	0.4732	1.6034	1212	0.30	0.7679
rater	JW	102	0.06597	0.7017	1212	0.09	0.9251
rater	VH	102	0	0.7160	1212	0.00	1.0000
Intercept		103	0.8054	1.4548	1212	0.55	0.5799
rater	JW	103	0.04847	0.7032	1212	0.07	0.9451
rater	VH	103	0.06381	0.7010	1212	0.09	0.9275
Intercept		104	-2.5288	0.8367	1212	-3.02	0.0026
rater	JW	104	-0.1339	0.6462	1212	-0.21	0.8358
rater	VH	104	-0.2186	0.6518	1212	-0.34	0.7374
Intercept		105	0.4732	1.6034	1212	0.30	0.7679
rater	JW	105	0.06597	0.7017	1212	0.09	0.9251
rater	VH	105	0	0.7160	1212	0.00	1.0000
Intercept		106	-1.0998	1.1879	1212	-0.93	0.3547
rater	JW	106	-0.1533	0.6900	1212	-0.22	0.8242
rater	VH	106	0	0.7160	1212	0.00	1.0000
Intercept		107	-4.4946	0.8461	1212	-5.31	<.0001
rater	JW	107	-0.3512	0.6658	1212	-0.53	0.5980
rater	VH	107	-0.2754	0.6545	1212	-0.42	0.6740
Intercept		108	-1.9560	0.8317	1212	-2.35	0.0188
rater	JW	108	0.4432	0.6645	1212	0.67	0.5049
rater	VH	108	-0.7159	0.7041	1212	-1.02	0.3094
Intercept		109	-1.2223	0.9095	1212	-1.34	0.1792
rater	JW	109	-0.1247	0.6622	1212	-0.19	0.8507
rater	VH	109	-0.04573	0.6565	1212	-0.07	0.9445
Intercept		110	0.8054	1.4548	1212	0.55	0.5799
rater	JW	110	0.04847	0.7032	1212	0.07	0.9451
rater	VH	110	0.06381	0.7010	1212	0.09	0.9275
Intercept		111	0.4732	1.6034	1212	0.30	0.7679
rater	JW	111	0.06597	0.7017	1212	0.09	0.9251
rater	VH	111	0	0.7160	1212	0.00	1.0000
Intercept		112	0.8054	1.4548	1212	0.55	0.5799
rater	JW	112	0.04847	0.7032	1212	0.07	0.9451
rater	VH	112	0.06381	0.7010	1212	0.09	0.9275
Intercept		113	0.4732	1.6034	1212	0.30	0.7679
rater	JW	113	0.06597	0.7017	1212	0.09	0.9251
rater	VH	113	0	0.7160	1212	0.00	1.0000
Intercept		114	0.4732	1.6034	1212	0.30	0.7679
rater	JW	114	0.06597	0.7017	1212	0.09	0.9251
rater	VH	114	0	0.7160	1212	0.00	1.0000
Intercept		115	0.4732	1.6034	1212	0.30	0.7679
rater	JW	115	0.06597	0.7017	1212	0.09	0.9251
rater	VH	115	0	0.7160	1212	0.00	1.0000

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
Intercept		116	0.8054	1.4548	1212	0.55	0.5799
rater	JW	116	0.04847	0.7032	1212	0.07	0.9451
rater	VH	116	0.06381	0.7010	1212	0.09	0.9275
Intercept		117	0.4732	1.6034	1212	0.30	0.7679
rater	JW	117	0.06597	0.7017	1212	0.09	0.9251
rater	VH	117	0	0.7160	1212	0.00	1.0000
Intercept		118	0.4732	1.6034	1212	0.30	0.7679
rater	JW	118	0.06597	0.7017	1212	0.09	0.9251
rater	VH	118	0	0.7160	1212	0.00	1.0000
Intercept		119	0.8054	1.4548	1212	0.55	0.5799
rater	JW	119	0.04847	0.7032	1212	0.07	0.9451
rater	VH	119	0.06381	0.7010	1212	0.09	0.9275
Intercept		120	-0.4964	1.0633	1212	-0.47	0.6407
rater	JW	120	0.1541	0.6859	1212	0.22	0.8222
rater	VH	120	-0.2233	0.6830	1212	-0.33	0.7437
Intercept		121	0.4732	1.6034	1212	0.30	0.7679
rater	JW	121	0.06597	0.7017	1212	0.09	0.9251
rater	VH	121	0	0.7160	1212	0.00	1.0000
Intercept		122	-1.2009	0.9116	1212	-1.32	0.1880
rater	JW	122	-0.4963	0.6968	1212	-0.71	0.4764
rater	VH	122	0.3289	0.6762	1212	0.49	0.6267
Intercept		123	0.8054	1.4548	1212	0.55	0.5799
rater	JW	123	0.04847	0.7032	1212	0.07	0.9451
rater	VH	123	0.06381	0.7010	1212	0.09	0.9275
Intercept		124	0.4732	1.6034	1212	0.30	0.7679
rater	JW	124	0.06597	0.7017	1212	0.09	0.9251
rater	VH	124	0	0.7160	1212	0.00	1.0000
Intercept		125	-1.2024	0.9117	1212	-1.32	0.1875
rater	JW	125	-0.4969	0.6970	1212	-0.71	0.4760
rater	VH	125	0.3293	0.6762	1212	0.49	0.6264
Intercept		126	0.4732	1.6034	1212	0.30	0.7679
rater	JW	126	0.06597	0.7017	1212	0.09	0.9251
rater	VH	126	0	0.7160	1212	0.00	1.0000
Intercept		127	-1.1034	1.1886	1212	-0.93	0.3534
rater	JW	127	-0.1538	0.6900	1212	-0.22	0.8236
rater	VH	127	0	0.7160	1212	0.00	1.0000
Intercept		128	-2.3833	0.7845	1212	-3.04	0.0024
rater	JW	128	-0.08235	0.6338	1212	-0.13	0.8966
rater	VH	128	-0.2499	0.6383	1212	-0.39	0.6955
Intercept		129	-1.8947	1.0521	1212	-1.80	0.0720
rater	JW	129	-0.2641	0.6964	1212	-0.38	0.7046
rater	VH	129	0	0.7160	1212	0.00	1.0000
Intercept		130	0.4732	1.6034	1212	0.30	0.7679
rater	JW	130	0.06597	0.7017	1212	0.09	0.9251
rater	VH	130	0	0.7160	1212	0.00	1.0000
Intercept		131	-1.2175	0.9090	1212	-1.34	0.1807
rater	JW	131	-0.1244	0.6621	1212	-0.19	0.8510
rater	VH	131	-0.04533	0.6564	1212	-0.07	0.9450
Intercept		132	0.8054	1.4548	1212	0.55	0.5799
rater	JW	132	0.04847	0.7032	1212	0.07	0.9451
rater	VH	132	0.06381	0.7010	1212	0.09	0.9275
Intercept		133	0.4732	1.6034	1212	0.30	0.7679
rater	JW	133	0.06597	0.7017	1212	0.09	0.9251
rater	VH	133	0	0.7160	1212	0.00	1.0000
Intercept		134	0.8054	1.4548	1212	0.55	0.5799
rater	JW	134	0.04847	0.7032	1212	0.07	0.9451
rater	VH	134	0.06381	0.7010	1212	0.09	0.9275
Intercept		135	0.8054	1.4548	1212	0.55	0.5799
rater	JW	135	0.04847	0.7032	1212	0.07	0.9451
rater	VH	135	0.06381	0.7010	1212	0.09	0.9275
Intercept		136	-2.6747	0.7711	1212	-3.47	0.0005
rater	JW	136	-0.2514	0.6391	1212	-0.39	0.6941
rater	VH	136	-0.1215	0.6282	1212	-0.19	0.8467
Intercept		137	0.8054	1.4548	1212	0.55	0.5799
rater	JW	137	0.04847	0.7032	1212	0.07	0.9451

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
rater	VH	137	0.06381	0.7010	1212	0.09	0.9275
Intercept		138	0.8054	1.4548	1212	0.55	0.5799
rater	JW	138	0.04847	0.7032	1212	0.07	0.9451
rater	VH	138	0.06381	0.7010	1212	0.09	0.9275
Intercept		139	0.4732	1.6034	1212	0.30	0.7679
rater	JW	139	0.06597	0.7017	1212	0.09	0.9251
rater	VH	139	0	0.7160	1212	0.00	1.0000
Intercept		140	-1.0998	1.1879	1212	-0.93	0.3547
rater	JW	140	-0.1533	0.6900	1212	-0.22	0.8242
rater	VH	140	0	0.7160	1212	0.00	1.0000
Intercept		141	-0.4972	1.0634	1212	-0.47	0.6402
rater	JW	141	0.1542	0.6859	1212	0.22	0.8221
rater	VH	141	-0.2235	0.6831	1212	-0.33	0.7435
Intercept		142	-1.8930	1.0518	1212	-1.80	0.0722
rater	JW	142	-0.2639	0.6964	1212	-0.38	0.7048
rater	VH	142	0	0.7160	1212	0.00	1.0000
Intercept		143	0.8054	1.4548	1212	0.55	0.5799
rater	JW	143	0.04847	0.7032	1212	0.07	0.9451
rater	VH	143	0.06381	0.7010	1212	0.09	0.9275
Intercept		144	0.4732	1.6034	1212	0.30	0.7679
rater	JW	144	0.06597	0.7017	1212	0.09	0.9251
rater	VH	144	0	0.7160	1212	0.00	1.0000
Intercept		145	-1.2223	0.9095	1212	-1.34	0.1792
rater	JW	145	-0.1247	0.6622	1212	-0.19	0.8507
rater	VH	145	-0.04573	0.6565	1212	-0.07	0.9445
Intercept		146	-0.6171	1.0710	1212	-0.58	0.5646
rater	JW	146	-0.3010	0.6962	1212	-0.43	0.6656
rater	VH	146	0.2150	0.6854	1212	0.31	0.7538
Intercept		147	0.4732	1.6034	1212	0.30	0.7679
rater	JW	147	0.06597	0.7017	1212	0.09	0.9251
rater	VH	147	0	0.7160	1212	0.00	1.0000
Intercept		148	-1.2233	0.9097	1212	-1.34	0.1790
rater	JW	148	-0.1247	0.6622	1212	-0.19	0.8506
rater	VH	148	-0.04581	0.6565	1212	-0.07	0.9444
Intercept		149	-2.8934	0.7751	1212	-3.73	0.0002
rater	JW	149	-0.9447	0.7277	1212	-1.30	0.1944
rater	VH	149	0.5414	0.6426	1212	0.84	0.3997
Intercept		150	-2.0631	0.8016	1212	-2.57	0.0102
rater	JW	150	-0.2010	0.6442	1212	-0.31	0.7551
rater	VH	150	-0.08665	0.6356	1212	-0.14	0.8916
Intercept		151	0.8054	1.4548	1212	0.55	0.5799
rater	JW	151	0.04847	0.7032	1212	0.07	0.9451
rater	VH	151	0.06381	0.7010	1212	0.09	0.9275
Intercept		152	-0.4973	1.0635	1212	-0.47	0.6401
rater	JW	152	0.1543	0.6859	1212	0.22	0.8221
rater	VH	152	-0.2236	0.6831	1212	-0.33	0.7435
Intercept		153	0.4732	1.6034	1212	0.30	0.7679
rater	JW	153	0.06597	0.7017	1212	0.09	0.9251
rater	VH	153	0	0.7160	1212	0.00	1.0000
Intercept		154	-1.1055	1.1890	1212	-0.93	0.3527
rater	JW	154	-0.1541	0.6901	1212	-0.22	0.8233
rater	VH	154	0	0.7160	1212	0.00	1.0000
Intercept		155	0.8054	1.4548	1212	0.55	0.5799
rater	JW	155	0.04847	0.7032	1212	0.07	0.9451
rater	VH	155	0.06381	0.7010	1212	0.09	0.9275
Intercept		156	-1.0998	1.1879	1212	-0.93	0.3547
rater	JW	156	-0.1533	0.6900	1212	-0.22	0.8242
rater	VH	156	0	0.7160	1212	0.00	1.0000
Intercept		157	0.4732	1.6034	1212	0.30	0.7679
rater	JW	157	0.06597	0.7017	1212	0.09	0.9251
rater	VH	157	0	0.7160	1212	0.00	1.0000
Intercept		158	0.4732	1.6034	1212	0.30	0.7679
rater	JW	158	0.06597	0.7017	1212	0.09	0.9251
rater	VH	158	0	0.7160	1212	0.00	1.0000
Intercept		159	-1.0998	1.1879	1212	-0.93	0.3547

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
rater	JW	159	-0.1533	0.6900	1212	-0.22	0.8242
rater	VH	159	0	0.7160	1212	0.00	1.0000
Intercept		160	0.4732	1.6034	1212	0.30	0.7679
rater	JW	160	0.06597	0.7017	1212	0.09	0.9251
rater	VH	160	0	0.7160	1212	0.00	1.0000
Intercept		161	-3.4344	0.7678	1212	-4.47	<.0001
rater	JW	161	-0.1853	0.6332	1212	-0.29	0.7699
rater	VH	161	-0.2935	0.6366	1212	-0.46	0.6449

Estimates								
Label	Estimate	Standard Error	DF	t Value	Pr > |t|	Alpha	Lower	Upper
RUL vs RML	0.3922	0.3369	1212	1.16	0.2446	0.05	-0.2688	1.0532
RUL vs RLL	-0.4758	0.3049	1212	-1.56	0.1189	0.05	-1.0740	0.1225
RUL vs LUS	0.1296	0.3243	1212	0.40	0.6894	0.05	-0.5066	0.7659
RUL vs LLS	0.4318	0.3375	1212	1.28	0.2011	0.05	-0.2304	1.0939
RUL vs LLL	-0.1672	0.3167	1212	-0.53	0.5977	0.05	-0.7885	0.4542
RML vs RLL	-0.8680	0.3235	1212	-2.68	0.0074	0.05	-1.5026	-0.2334
RML vs LUS	-0.2626	0.3410	1212	-0.77	0.4414	0.05	-0.9315	0.4064
RML vs LLS	0.03957	0.3526	1212	0.11	0.9107	0.05	-0.6522	0.7314
RML vs LLL	-0.5593	0.3339	1212	-1.67	0.0942	0.05	-1.2145	0.09582
RLL vs LUS	0.6054	0.3094	1212	1.96	0.0506	0.05	-0.00164	1.2125
RLL vs LLS	0.9075	0.3239	1212	2.80	0.0052	0.05	0.2721	1.5430
RLL vs LLL	0.3086	0.3000	1212	1.03	0.3038	0.05	-0.2799	0.8972
LUS vs LLS	0.3021	0.3411	1212	0.89	0.3760	0.05	-0.3671	0.9714
LUS vs LLL	-0.2968	0.3207	1212	-0.93	0.3550	0.05	-0.9260	0.3325
LLS vs LLL	-0.5989	0.3344	1212	-1.79	0.0735	0.05	-1.2550	0.05712

Significant Pairwise Comparisons for ggo

Comparison	P-Value	Exponentiated Estimate (Odds Ratio)
RML vs RLL	0.0074	0.41980
RLL vs LLS	0.0052	2.47824