Results: Modeling.sas

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	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	5

Iteration History					
Iteration	Restarts	Evaluations	Objective Function	Change	Max Gradient
0	0	4	536.75547791	.	54.46047
1	0	4	481.09328549	55.66219242	5.429663
2	0	4	474.39760951	6.69567598	7.564537
3	0	2	469.32261064	5.07499888	23.10704
4	0	4	468.97957768	0.34303296	5.998372
5	0	4	467.8974711	1.08210657	7.051352
6	0	2	466.52316879	1.37430231	7.594363
7	0	3	466.34037637	0.18279243	1.09765
8	0	2	466.11171453	0.22866184	1.157875
9	0	3	465.96182688	0.14988765	1.064248
10	0	32	465.96182688	0.00000000	1.064229

Convergence criterion (FCONV=2.220446E-16) satisfied.

Estimated G matrix is not positive definite.

Fit Statistics	
-2 Log Likelihood	465.96
AIC (smaller is better)	479.96
AICC (smaller is better)	480.04
BIC (smaller is better)	501.53
CAIC (smaller is better)	508.53
HQIC (smaller is better)	488.72

Fit Statistics for Conditional Distribution	
-2 log L(Value | r. effects)	271.43
Pearson Chi-Square	389.54

Fit Statistics for Conditional Distribution	
Pearson Chi-Square / DF	0.27

Covariance Parameter Estimates			
Cov Parm	Subject	Estimate	Standard Error
Intercept	newID	6.0971	1.1433
rater	newID	1.11E-12	0.001214

Solutions for Fixed Effects						
Effect	Attribute	Estimate	Standard Error	DF	t Value	Pr > |t|
Intercept		-3.1571	0	83	-Infty	<.0001
Attribute	LLL	-2.0101	0.3171	1214	-6.34	<.0001
Attribute	LLS	-3.3468	0	1214	-Infty	<.0001
Attribute	LUS	-2.1703	0.2704	1214	-8.03	<.0001
Attribute	RLL	-1.4512	0	1214	-Infty	<.0001
Attribute	RML	-3.3472	0	1214	-Infty	<.0001
Attribute	RUL	0	.	.	.	.

Type III Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
Attribute	2	1214	50.91	<.0001

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
Intercept		1	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	1	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	1	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		2	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	2	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	2	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		3	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	3	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	3	0	.	.	.	.
Intercept		4	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	4	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	4	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		5	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	5	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	5	0	.	.	.	.
Intercept		6	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	6	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	6	0	.	.	.	.
Intercept		7	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	7	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	7	0	.	.	.	.
Intercept		8	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	8	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	8	0	.	.	.	.
Intercept		9	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	9	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	9	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		10	3.7076	1.0049	1214	3.69	0.0002
rater	JW	10	2.08E-13	0.000738	1214	0.00	1.0000
rater	VH	10	0	.	.	.	.
Intercept		11	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	11	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	11	0	.	.	.	.
Intercept		12	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	12	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	12	0	.	.	.	.
Intercept		13	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	13	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	13	0	.	.	.	.
Intercept		14	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	14	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	14	0	.	.	.	.

			Solution for Random Effects				
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
Intercept		15	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	15	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	15	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		16	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	16	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	16	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		17	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	17	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	17	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		18	2.4741	1.2678	1214	1.95	0.0512
rater	JW	18	1.39E-13	0.000493	1214	0.00	1.0000
rater	VH	18	0	.	.	.	.
Intercept		19	3.7076	1.0049	1214	3.69	0.0002
rater	JW	19	2.08E-13	0.000738	1214	0.00	1.0000
rater	VH	19	0	.	.	.	.
Intercept		20	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	20	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	20	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		21	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	21	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	21	0	.	.	.	.
Intercept		22	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	22	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	22	0	.	.	.	.
Intercept		23	3.7076	1.0049	1214	3.69	0.0002
rater	JW	23	2.08E-13	0.000738	1214	0.00	1.0000
rater	VH	23	0	.	.	.	.
Intercept		24	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	24	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	24	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		25	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	25	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	25	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		26	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	26	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	26	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		27	2.4741	1.2678	1214	1.95	0.0512
rater	JW	27	1.39E-13	0.000493	1214	0.00	1.0000
rater	VH	27	0	.	.	.	.
Intercept		28	5.3611	0.8727	1214	6.14	<.0001
rater	JW	28	3.01E-13	0.001068	1214	0.00	1.0000
rater	VH	28	0	.	.	.	.
Intercept		29	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	29	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	29	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		30	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	30	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	30	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		31	2.4741	1.2678	1214	1.95	0.0512
rater	JW	31	1.39E-13	0.000493	1214	0.00	1.0000
rater	VH	31	0	.	.	.	.
Intercept		32	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	32	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	32	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		33	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	33	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	33	0	.	.	.	.
Intercept		34	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	34	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	34	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		35	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	35	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	35	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		36	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	36	-136E-15	0.000048	1214	-0.00	1.0000

Solution for Random Effects							
Effect	**rater**	**Subject**	**Estimate**	**Std Err Pred**	**DF**	**t Value**	**Pr > |t|**
rater	VH	36	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		37	3.7076	1.0049	1214	3.69	0.0002
rater	JW	37	2.08E-13	0.000738	1214	0.00	1.0000
rater	VH	37	0	.	.	.	.
Intercept		38	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	38	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	38	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		39	2.4741	1.2678	1214	1.95	0.0512
rater	JW	39	1.39E-13	0.000493	1214	0.00	1.0000
rater	VH	39	0	.	.	.	.
Intercept		40	5.3130	0.6369	1214	8.34	<.0001
rater	JW	40	-22E-15	0.000078	1214	-0.00	1.0000
rater	VH	40	3.2E-13	0.001136	1214	0.00	1.0000
Intercept		41	4.5934	0.9029	1214	5.09	<.0001
rater	JW	41	2.58E-13	0.000915	1214	0.00	1.0000
rater	VH	41	0	.	.	.	.
Intercept		42	2.4741	1.2678	1214	1.95	0.0512
rater	JW	42	1.39E-13	0.000493	1214	0.00	1.0000
rater	VH	42	0	.	.	.	.
Intercept		43	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	43	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	43	0	.	.	.	.
Intercept		44	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	44	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	44	0	.	.	.	.
Intercept		45	2.4741	1.2678	1214	1.95	0.0512
rater	JW	45	1.39E-13	0.000493	1214	0.00	1.0000
rater	VH	45	0	.	.	.	.
Intercept		46	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	46	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	46	0	.	.	.	.
Intercept		47	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	47	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	47	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		48	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	48	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	48	0	.	.	.	.
Intercept		49	1.8289	1.1452	1214	1.60	0.1105
rater	JW	49	2.22E-13	0.000789	1214	0.00	1.0000
rater	VH	49	-12E-14	0.000425	1214	-0.00	1.0000
Intercept		50	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	50	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	50	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		51	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	51	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	51	0	.	.	.	.
Intercept		52	2.4741	1.2678	1214	1.95	0.0512
rater	JW	52	1.39E-13	0.000493	1214	0.00	1.0000
rater	VH	52	0	.	.	.	.
Intercept		53	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	53	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	53	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		54	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	54	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	54	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		55	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	55	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	55	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		56	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	56	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	56	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		57	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	57	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	57	0	.	.	.	.
Intercept		58	-0.2938	2.1766	1214	-0.13	0.8927

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
rater	JW	58	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	58	0	.	.	.	.
Intercept		59	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	59	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	59	0	.	.	.	.
Intercept		60	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	60	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	60	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		61	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	61	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	61	0	.	.	.	.
Intercept		62	4.5934	0.9029	1214	5.09	<.0001
rater	JW	62	2.58E-13	0.000915	1214	0.00	1.0000
rater	VH	62	0	.	.	.	.
Intercept		63	3.7076	1.0049	1214	3.69	0.0002
rater	JW	63	2.08E-13	0.000738	1214	0.00	1.0000
rater	VH	63	0	.	.	.	.
Intercept		64	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	64	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	64	0	.	.	.	.
Intercept		65	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	65	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	65	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		66	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	66	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	66	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		67	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	67	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	67	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		68	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	68	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	68	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		69	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	69	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	69	0	.	.	.	.
Intercept		70	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	70	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	70	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		71	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	71	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	71	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		72	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	72	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	72	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		73	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	73	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	73	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		74	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	74	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	74	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		75	3.7076	1.0049	1214	3.69	0.0002
rater	JW	75	2.08E-13	0.000738	1214	0.00	1.0000
rater	VH	75	0	.	.	.	.
Intercept		76	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	76	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	76	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		77	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	77	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	77	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		78	4.4861	0.6674	1214	6.72	<.0001
rater	JW	78	2.97E-13	0.001054	1214	0.00	1.0000
rater	VH	78	-452E-16	0.000160	1214	-0.00	1.0000
Intercept		79	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	79	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	79	0	.	.	.	.

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
Intercept		80	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	80	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	80	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		81	-0.4826	2.0350	1214	-0.24	0.8126
rater	JW	81	-137E-15	0.000049	1214	-0.00	1.0000
rater	VH	81	-134E-15	0.000048	1214	-0.00	1.0000
Intercept		82	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	82	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	82	0	.	.	.	.
Intercept		83	1.8289	1.1452	1214	1.60	0.1105
rater	JW	83	2.22E-13	0.000789	1214	0.00	1.0000
rater	VH	83	-12E-14	0.000425	1214	-0.00	1.0000
Intercept		84	2.8158	0.8836	1214	3.19	0.0015
rater	JW	84	7.9E-13	0.000280	1214	0.00	1.0000
rater	VH	84	7.9E-13	0.000280	1214	0.00	1.0000
Intercept		85	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	85	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	85	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		86	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	86	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	86	0	.	.	.	.
Intercept		87	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	87	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	87	0	.	.	.	.
Intercept		88	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	88	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	88	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		89	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	89	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	89	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		90	4.5934	0.9029	1214	5.09	<.0001
rater	JW	90	2.58E-13	0.000915	1214	0.00	1.0000
rater	VH	90	0	.	.	.	.
Intercept		91	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	91	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	91	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		92	4.0221	0.7060	1214	5.70	<.0001
rater	JW	92	1.13E-12	0.000400	1214	0.00	1.0000
rater	VH	92	1.13E-12	0.000400	1214	0.00	1.0000
Intercept		93	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	93	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	93	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		94	2.8158	0.8836	1214	3.19	0.0015
rater	JW	94	7.9E-13	0.000280	1214	0.00	1.0000
rater	VH	94	7.9E-13	0.000280	1214	0.00	1.0000
Intercept		95	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	95	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	95	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		96	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	96	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	96	0	.	.	.	.
Intercept		97	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	97	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	97	0	.	.	.	.
Intercept		98	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	98	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	98	0	.	.	.	.
Intercept		99	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	99	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	99	0	.	.	.	.
Intercept		100	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	100	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	100	0	.	.	.	.
Intercept		101	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	101	-165E-15	0.000059	1214	-0.00	1.0000

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
rater	VH	101	0	.	.	.	.
Intercept		102	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	102	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	102	0	.	.	.	.
Intercept		103	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	103	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	103	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		104	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	104	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	104	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		105	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	105	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	105	0	.	.	.	.
Intercept		106	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	106	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	106	0	.	.	.	.
Intercept		107	2.8158	0.8836	1214	3.19	0.0015
rater	JW	107	7.9E-13	0.000280	1214	0.00	1.0000
rater	VH	107	7.9E-13	0.000280	1214	0.00	1.0000
Intercept		108	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	108	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	108	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		109	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	109	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	109	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		110	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	110	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	110	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		111	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	111	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	111	0	.	.	.	.
Intercept		112	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	112	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	112	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		113	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	113	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	113	0	.	.	.	.
Intercept		114	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	114	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	114	0	.	.	.	.
Intercept		115	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	115	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	115	0	.	.	.	.
Intercept		116	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	116	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	116	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		117	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	117	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	117	0	.	.	.	.
Intercept		118	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	118	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	118	0	.	.	.	.
Intercept		119	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	119	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	119	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		120	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	120	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	120	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		121	3.7076	1.0049	1214	3.69	0.0002
rater	JW	121	2.08E-13	0.000738	1214	0.00	1.0000
rater	VH	121	0	.	.	.	.
Intercept		122	2.8158	0.8836	1214	3.19	0.0015
rater	JW	122	7.9E-13	0.000280	1214	0.00	1.0000
rater	VH	122	7.9E-13	0.000280	1214	0.00	1.0000
Intercept		123	-0.4865	2.0323	1214	-0.24	0.8109

Solution for Random Effects							
Effect	**rater**	**Subject**	**Estimate**	**Std Err Pred**	**DF**	**t Value**	**Pr > |t|**
rater	JW	123	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	123	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		124	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	124	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	124	0	.	.	.	.
Intercept		125	2.8158	0.8836	1214	3.19	0.0015
rater	JW	125	7.9E-13	0.000280	1214	0.00	1.0000
rater	VH	125	7.9E-13	0.000280	1214	0.00	1.0000
Intercept		126	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	126	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	126	0	.	.	.	.
Intercept		127	2.4741	1.2678	1214	1.95	0.0512
rater	JW	127	1.39E-13	0.000493	1214	0.00	1.0000
rater	VH	127	0	.	.	.	.
Intercept		128	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	128	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	128	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		129	2.4741	1.2678	1214	1.95	0.0512
rater	JW	129	1.39E-13	0.000493	1214	0.00	1.0000
rater	VH	129	0	.	.	.	.
Intercept		130	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	130	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	130	0	.	.	.	.
Intercept		131	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	131	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	131	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		132	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	132	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	132	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		133	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	133	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	133	0	.	.	.	.
Intercept		134	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	134	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	134	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		135	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	135	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	135	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		136	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	136	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	136	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		137	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	137	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	137	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		138	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	138	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	138	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		139	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	139	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	139	0	.	.	.	.
Intercept		140	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	140	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	140	0	.	.	.	.
Intercept		141	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	141	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	141	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		142	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	142	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	142	0	.	.	.	.
Intercept		143	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	143	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	143	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		144	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	144	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	144	0	.	.	.	.

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
Intercept		145	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	145	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	145	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		146	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	146	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	146	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		147	2.4741	1.2678	1214	1.95	0.0512
rater	JW	147	1.39E-13	0.000493	1214	0.00	1.0000
rater	VH	147	0	.	.	.	.
Intercept		148	3.4860	0.7698	1214	4.53	<.0001
rater	JW	148	-732E-16	0.000260	1214	-0.00	1.0000
rater	VH	148	2.69E-13	0.000954	1214	0.00	1.0000
Intercept		149	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	149	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	149	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		150	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	150	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	150	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		151	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	151	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	151	-136E-15	0.000048	1214	-0.00	1.0000
Intercept		152	2.8158	0.8836	1214	3.19	0.0015
rater	JW	152	7.9E-13	0.000280	1214	0.00	1.0000
rater	VH	152	7.9E-13	0.000280	1214	0.00	1.0000
Intercept		153	2.4741	1.2678	1214	1.95	0.0512
rater	JW	153	1.39E-13	0.000493	1214	0.00	1.0000
rater	VH	153	0	.	.	.	.
Intercept		154	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	154	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	154	0	.	.	.	.
Intercept		155	4.9095	0.6456	1214	7.61	<.0001
rater	JW	155	-866E-15	0.000725	1214	-0.00	1.0000
rater	VH	155	2.03E-12	0.001703	1214	0.00	1.0000
Intercept		156	3.7076	1.0049	1214	3.69	0.0002
rater	JW	156	2.08E-13	0.000738	1214	0.00	1.0000
rater	VH	156	0	.	.	.	.
Intercept		157	2.4741	1.2678	1214	1.95	0.0512
rater	JW	157	1.39E-13	0.000493	1214	0.00	1.0000
rater	VH	157	0	.	.	.	.
Intercept		158	2.4741	1.2678	1214	1.95	0.0512
rater	JW	158	1.39E-13	0.000493	1214	0.00	1.0000
rater	VH	158	0	.	.	.	.
Intercept		159	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	159	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	159	0	.	.	.	.
Intercept		160	-0.2938	2.1766	1214	-0.13	0.8927
rater	JW	160	-165E-15	0.000059	1214	-0.00	1.0000
rater	VH	160	0	.	.	.	.
Intercept		161	-0.4865	2.0323	1214	-0.24	0.8109
rater	JW	161	-136E-15	0.000048	1214	-0.00	1.0000
rater	VH	161	-136E-15	0.000048	1214	-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
LLL	-5.1672	0.3171	1214	-16.29	<.0001	0.05	-5.7894	-4.5450	0.005668	0.001787	0.003050	0.01051
LLS	-6.5039	0	1214	-Infty	<.0001	.	.	.	0.001495	0	.	.
LUS	-5.3274	0.2704	1214	-19.70	<.0001	0.05	-5.8579	-4.7969	0.004833	0.001301	0.002849	0.008188
RLL	-4.6083	0	1214	-Infty	<.0001	.	.	.	0.009870	0	.	.
RML	-6.5044	0	1214	-Infty	<.0001	.	.	.	0.001495	0	.	.
RUL	-3.1571	0	1214	-Infty	<.0001	.	.	.	0.04081	0	.	.

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
LLL	LLS	1.3367	0.3171	1214	4.21	<.0001	0.0004	0.05	0.7144	1.9589	0.4314	2.2419	3.806	2.043	7.091	1.539	9.411
LLL	LUS	0.1601	0.4110	1214	0.39	0.6968	0.9988	0.05	-0.6461	0.9664	-1.0129	1.3332	1.174	0.524	2.629	0.363	3.793
LLL	RLL	-0.5589	0.3171	1214	-1.76	0.0783	0.4907	0.05	-1.1811	0.06331	-1.4641	0.3463	0.572	0.307	1.065	0.231	1.414
LLL	RML	1.3371	0.3171	1214	4.22	<.0001	0.0004	0.05	0.7149	1.9593	0.4319	2.2424	3.808	2.044	7.095	1.540	9.415
LLL	RUL	-2.0101	0.3171	1214	-6.34	<.0001	<.0001	0.05	-2.6323	-1.3879	-2.9153	-1.1049	0.134	0.072	0.250	0.054	0.331
LLS	LUS	-1.1765	0.2704	1214	-4.35	<.0001	0.0002	0.05	-1.7070	-0.6460	-1.9483	-0.4047	0.308	0.181	0.524	0.143	0.667
LLS	RLL	-1.8956	0	1214	-Infty	<.0001	.	.	.	.	.	.	0.150	.	.	.	.
LLS	RML	0.000468	0	1214	Infty	<.0001	.	.	.	.	.	.	1.000	.	.	.	.
LLS	RUL	-3.3468	0	1214	-Infty	<.0001	.	.	.	.	.	.	0.035	.	.	.	.
LUS	RLL	-0.7191	0.2704	1214	-2.66	0.0079	0.0844	0.05	-1.2496	-0.1885	-1.4909	0.05275	0.487	0.287	0.828	0.225	1.054
LUS	RML	1.1770	0.2704	1214	4.35	<.0001	0.0002	0.05	0.6465	1.7075	0.4052	1.9488	3.245	1.909	5.515	1.500	7.020
LUS	RUL	-2.1703	0.2704	1214	-8.03	<.0001	<.0001	0.05	-2.7008	-1.6398	-2.9421	-1.3985	0.114	0.067	0.194	0.053	0.247
RLL	RML	1.8960	0	1214	Infty	<.0001	.	.	.	.	.	.	6.659	.	.	.	.
RLL	RUL	-1.4512	0	1214	-Infty	<.0001	.	.	.	.	.	.	0.234	.	.	.	.
RML	RUL	-3.3472	0	1214	-Infty	<.0001	.	.	.	.	.	.	0.035	.	.	.	.