The GLIMMIX Procedure

Model Information	
Data Set	WORK.THIN
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	1459
Number of Observations Used	1459

Dimensions	
G-side Cov. Parameters	2
Columns in X	9
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	9
Lower Boundaries	2
Upper Boundaries	0
Fixed Effects	Not Profiled
Starting From	GLM estimates
Quadrature Points	11

Iteration History					
Iteration	Restarts	Evaluations	Objective Function	Change	Max Gradient
0	0	4	369.15630328	.	44.20686
1	0	4	299.14573328	70.01056999	7.127018
2	0	4	291.88386494	7.26186835	4.735745
3	0	4	289.96977077	1.91409417	1.563513
4	0	4	288.89381553	1.07595523	14.91634
5	0	15	288.89375416	0.00006138	1.758734
6	0	4	288.5427687	0.35098546	1.308966
7	0	3	288.49139212	0.05137658	1.217433
8	0	2	288.42649479	0.06489733	1.143607
9	0	3	288.26540934	0.16108545	3.87515
10	0	7	287.27931797	0.98609137	1.635782
11	0	3	287.16785032	0.11146765	1.648683
12	0	2	287.09793453	0.06991579	1.355131
13	0	3	287.05622336	0.04171117	1.505616
14	0	3	287.04402821	0.01219515	1.589697
15	0	2	287.02303879	0.02098942	1.474702
16	0	2	286.99333793	0.02970085	13.89348
17	0	2	286.96691832	0.02641961	1.372551
18	0	3	286.96225434	0.00466399	1.363082
19	0	2	286.95439412	0.00786021	1.45081
20	0	2	286.95196003	0.00243409	13.77054
21	0	11	286.95195969	0.00000034	1.501544
22	0	4	286.95171957	0.00024012	1.484031
23	0	3	286.95161294	0.00010663	1.481031
24	0	3	286.95161275	0.00000019	1.48137

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

Fit Statistics

-2 Log Likelihood	286.95
AIC (smaller is better)	304.95
AICC (smaller is better)	305.08
BIC (smaller is better)	332.68
CAIC (smaller is better)	341.68
HQIC (smaller is better)	316.21

Fit Statistics for Conditional Distribution

-2 log L(Value | r. effects)	167.94
Pearson Chi-Square	264.58
Pearson Chi-Square / DF	0.18

Covariance Parameter Estimates

Cov Parm	Subject	Estimate	Standard Error
Intercept	newID	5.7633	2.5172
rater	newID	1.417E-7	1.5890

Solutions for Fixed Effects

Effect	Attribute	rater	Estimate	Standard Error	DF	t Value	Pr > |t|
Intercept			-5.1303	1.0934	82	-4.69	<.0001
Attribute	LLL		-1.1318	0.6501	1210	-1.74	0.0819
Attribute	LLS		-1.8002	0.7708	1210	-2.34	0.0197
Attribute	LUS		-0.4707	0.5672	1210	-0.83	0.4068
Attribute	RLL		-0.5284	0.5801	1210	-0.91	0.3626
Attribute	RML		-1.4815	0.7232	1210	-2.05	0.0407
Attribute	RUL		0	.	.	.	.
rater		JW	0.2229	0.5620	82	0.40	0.6927
rater		VH	0	.	.	.	.

Type III Tests of Fixed Effects

Effect	Num DF	Den DF	F Value	Pr > F
Attribute	5	1210	1.67	0.1391
rater	1	82	0.16	0.6927

Solution for Random Effects

Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
Intercept		1	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	1	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	1	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		2	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	2	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	2	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		3	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	3	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	3	0	0.000376	1210	0.00	1.0000
Intercept		4	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	4	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	4	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		5	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	5	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	5	0	0.000376	1210	0.00	1.0000
Intercept		6	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	6	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	6	0	0.000376	1210	0.00	1.0000
Intercept		7	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	7	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	7	0	0.000376	1210	0.00	1.0000
Intercept		8	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	8	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	8	0	0.000376	1210	0.00	1.0000
Intercept		9	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	9	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	9	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		10	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	10	-2.73E-9	0.03065	1210	-0.00	1.0000

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
rater	VH	10	0	0.000376	1210	0.00	1.0000
Intercept		11	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	11	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	11	0	0.000376	1210	0.00	1.0000
Intercept		12	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	12	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	12	0	0.000376	1210	0.00	1.0000
Intercept		13	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	13	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	13	0	0.000376	1210	0.00	1.0000
Intercept		14	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	14	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	14	0	0.000376	1210	0.00	1.0000
Intercept		15	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	15	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	15	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		16	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	16	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	16	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		17	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	17	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	17	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		18	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	18	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	18	0	0.000376	1210	0.00	1.0000
Intercept		19	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	19	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	19	0	0.000376	1210	0.00	1.0000
Intercept		20	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	20	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	20	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		21	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	21	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	21	0	0.000376	1210	0.00	1.0000
Intercept		22	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	22	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	22	0	0.000376	1210	0.00	1.0000
Intercept		23	3.1476	1.5536	1210	2.03	0.0430
rater	JW	23	7.74E-8	0.8678	1210	0.00	1.0000
rater	VH	23	0	0.000376	1210	0.00	1.0000
Intercept		24	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	24	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	24	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		25	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	25	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	25	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		26	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	26	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	26	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		27	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	27	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	27	0	0.000376	1210	0.00	1.0000
Intercept		28	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	28	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	28	0	0.000376	1210	0.00	1.0000
Intercept		29	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	29	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	29	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		30	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	30	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	30	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		31	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	31	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	31	0	0.000376	1210	0.00	1.0000
Intercept		32	-0.1859	2.2077	1210	-0.08	0.9329

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
rater	JW	32	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	32	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		33	5.1388	1.3494	1210	3.81	0.0001
rater	JW	33	1.264E-7	1.4168	1210	0.00	1.0000
rater	VH	33	0	0.000376	1210	0.00	1.0000
Intercept		34	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	34	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	34	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		35	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	35	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	35	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		36	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	36	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	36	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		37	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	37	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	37	0	0.000376	1210	0.00	1.0000
Intercept		38	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	38	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	38	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		39	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	39	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	39	0	0.000376	1210	0.00	1.0000
Intercept		40	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	40	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	40	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		41	5.8035	1.4297	1210	4.06	<.0001
rater	JW	41	1.427E-7	1.6000	1210	0.00	1.0000
rater	VH	41	0	0.000376	1210	0.00	1.0000
Intercept		42	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	42	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	42	0	0.000376	1210	0.00	1.0000
Intercept		43	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	43	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	43	0	0.000376	1210	0.00	1.0000
Intercept		44	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	44	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	44	0	0.000376	1210	0.00	1.0000
Intercept		45	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	45	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	45	0	0.000376	1210	0.00	1.0000
Intercept		46	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	46	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	46	0	0.000376	1210	0.00	1.0000
Intercept		47	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	47	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	47	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		48	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	48	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	48	0	0.000376	1210	0.00	1.0000
Intercept		49	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	49	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	49	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		50	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	50	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	50	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		51	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	51	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	51	0	0.000376	1210	0.00	1.0000
Intercept		52	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	52	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	52	0	0.000376	1210	0.00	1.0000
Intercept		53	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	53	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	53	-2.03E-9	0.02279	1210	-0.00	1.0000

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
Intercept		54	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	54	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	54	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		55	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	55	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	55	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		56	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	56	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	56	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		57	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	57	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	57	0	0.000376	1210	0.00	1.0000
Intercept		58	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	58	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	58	0	0.000376	1210	0.00	1.0000
Intercept		59	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	59	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	59	0	0.000376	1210	0.00	1.0000
Intercept		60	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	60	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	60	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		61	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	61	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	61	0	0.000376	1210	0.00	1.0000
Intercept		62	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	62	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	62	0	0.000376	1210	0.00	1.0000
Intercept		63	3.1476	1.5536	1210	2.03	0.0430
rater	JW	63	7.74E-8	0.8678	1210	0.00	1.0000
rater	VH	63	0	0.000376	1210	0.00	1.0000
Intercept		64	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	64	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	64	0	0.000376	1210	0.00	1.0000
Intercept		65	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	65	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	65	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		66	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	66	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	66	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		67	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	67	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	67	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		68	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	68	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	68	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		69	3.1476	1.5536	1210	2.03	0.0430
rater	JW	69	7.74E-8	0.8678	1210	0.00	1.0000
rater	VH	69	0	0.000376	1210	0.00	1.0000
Intercept		70	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	70	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	70	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		71	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	71	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	71	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		72	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	72	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	72	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		73	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	73	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	73	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		74	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	74	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	74	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		75	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	75	-2.73E-9	0.03065	1210	-0.00	1.0000

Results: Modeling.sas

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
rater	VH	75	0	0.000376	1210	0.00	1.0000
Intercept		76	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	76	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	76	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		77	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	77	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	77	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		78	4.8164	1.4621	1210	3.29	0.0010
rater	JW	78	-1.02E-7	1.1453	1210	-0.00	1.0000
rater	VH	78	2.206E-7	2.4732	1210	0.00	1.0000
Intercept		79	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	79	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	79	0	0.000376	1210	0.00	1.0000
Intercept		80	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	80	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	80	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		81	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	81	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	81	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		82	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	82	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	82	0	0.000376	1210	0.00	1.0000
Intercept		83	2.6807	1.4784	1210	1.81	0.0700
rater	JW	83	-4.19E-8	0.4694	1210	-0.00	1.0000
rater	VH	83	1.078E-7	1.2085	1210	0.00	1.0000
Intercept		84	3.7106	1.1681	1210	3.18	0.0015
rater	JW	84	3.647E-8	0.4089	1210	0.00	1.0000
rater	VH	84	5.477E-8	0.6141	1210	0.00	1.0000
Intercept		85	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	85	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	85	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		86	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	86	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	86	0	0.000376	1210	0.00	1.0000
Intercept		87	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	87	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	87	0	0.000376	1210	0.00	1.0000
Intercept		88	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	88	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	88	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		89	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	89	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	89	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		90	3.1476	1.5536	1210	2.03	0.0430
rater	JW	90	7.74E-8	0.8678	1210	0.00	1.0000
rater	VH	90	0	0.000376	1210	0.00	1.0000
Intercept		91	2.6807	1.4516	1210	1.85	0.0650
rater	JW	91	9.985E-8	1.1196	1210	0.00	1.0000
rater	VH	91	-3.39E-8	0.3805	1210	-0.00	1.0000
Intercept		92	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	92	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	92	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		93	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	93	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	93	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		94	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	94	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	94	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		95	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	95	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	95	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		96	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	96	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	96	0	0.000376	1210	0.00	1.0000
Intercept		97	-0.1112	2.2787	1210	-0.05	0.9611

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
rater	JW	97	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	97	0	0.000376	1210	0.00	1.0000
Intercept		98	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	98	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	98	0	0.000376	1210	0.00	1.0000
Intercept		99	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	99	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	99	0	0.000376	1210	0.00	1.0000
Intercept		100	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	100	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	100	0	0.000376	1210	0.00	1.0000
Intercept		101	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	101	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	101	0	0.000376	1210	0.00	1.0000
Intercept		102	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	102	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	102	0	0.000376	1210	0.00	1.0000
Intercept		103	2.6807	1.4784	1210	1.81	0.0700
rater	JW	103	-4.19E-8	0.4694	1210	-0.00	1.0000
rater	VH	103	1.078E-7	1.2085	1210	0.00	1.0000
Intercept		104	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	104	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	104	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		105	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	105	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	105	0	0.000376	1210	0.00	1.0000
Intercept		106	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	106	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	106	0	0.000376	1210	0.00	1.0000
Intercept		107	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	107	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	107	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		108	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	108	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	108	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		109	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	109	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	109	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		110	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	110	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	110	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		111	3.1476	1.5536	1210	2.03	0.0430
rater	JW	111	7.74E-8	0.8678	1210	0.00	1.0000
rater	VH	111	0	0.000376	1210	0.00	1.0000
Intercept		112	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	112	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	112	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		113	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	113	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	113	0	0.000376	1210	0.00	1.0000
Intercept		114	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	114	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	114	0	0.000376	1210	0.00	1.0000
Intercept		115	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	115	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	115	0	0.000376	1210	0.00	1.0000
Intercept		116	2.6807	1.4516	1210	1.85	0.0650
rater	JW	116	9.985E-8	1.1196	1210	0.00	1.0000
rater	VH	116	-3.39E-8	0.3805	1210	-0.00	1.0000
Intercept		117	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	117	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	117	0	0.000376	1210	0.00	1.0000
Intercept		118	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	118	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	118	0	0.000376	1210	0.00	1.0000

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
Intercept		119	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	119	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	119	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		120	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	120	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	120	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		121	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	121	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	121	0	0.000376	1210	0.00	1.0000
Intercept		122	2.6807	1.4516	1210	1.85	0.0650
rater	JW	122	9.985E-8	1.1196	1210	0.00	1.0000
rater	VH	122	-3.39E-8	0.3805	1210	-0.00	1.0000
Intercept		123	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	123	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	123	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		124	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	124	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	124	0	0.000376	1210	0.00	1.0000
Intercept		125	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	125	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	125	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		126	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	126	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	126	0	0.000376	1210	0.00	1.0000
Intercept		127	3.1476	1.5536	1210	2.03	0.0430
rater	JW	127	7.74E-8	0.8678	1210	0.00	1.0000
rater	VH	127	0	0.000376	1210	0.00	1.0000
Intercept		128	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	128	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	128	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		129	3.1476	1.5536	1210	2.03	0.0430
rater	JW	129	7.74E-8	0.8678	1210	0.00	1.0000
rater	VH	129	0	0.000376	1210	0.00	1.0000
Intercept		130	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	130	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	130	0	0.000376	1210	0.00	1.0000
Intercept		131	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	131	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	131	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		132	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	132	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	132	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		133	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	133	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	133	0	0.000376	1210	0.00	1.0000
Intercept		134	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	134	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	134	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		135	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	135	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	135	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		136	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	136	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	136	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		137	6.2574	0.9812	1210	6.38	<.0001
rater	JW	137	5.581E-8	0.6257	1210	0.00	1.0000
rater	VH	137	9.806E-8	1.0995	1210	0.00	1.0000
Intercept		138	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	138	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	138	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		139	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	139	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	139	0	0.000376	1210	0.00	1.0000
Intercept		140	4.3570	1.3365	1210	3.26	0.0011
rater	JW	140	1.071E-7	1.2012	1210	0.00	1.0000

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr > |t|
rater	VH	140	0	0.000376	1210	0.00	1.0000
Intercept		141	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	141	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	141	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		142	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	142	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	142	0	0.000376	1210	0.00	1.0000
Intercept		143	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	143	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	143	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		144	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	144	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	144	0	0.000376	1210	0.00	1.0000
Intercept		145	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	145	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	145	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		146	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	146	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	146	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		147	3.1476	1.5536	1210	2.03	0.0430
rater	JW	147	7.74E-8	0.8678	1210	0.00	1.0000
rater	VH	147	0	0.000376	1210	0.00	1.0000
Intercept		148	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	148	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	148	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		149	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	149	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	149	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		150	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	150	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	150	-2.03E-9	0.02279	1210	-0.00	1.0000
Intercept		151	3.7106	1.1681	1210	3.18	0.0015
rater	JW	151	3.647E-8	0.4089	1210	0.00	1.0000
rater	VH	151	5.477E-8	0.6141	1210	0.00	1.0000
Intercept		152	-0.1708	2.2214	1210	-0.08	0.9387
rater	JW	152	-2.58E-9	0.02889	1210	-0.00	1.0000
rater	VH	152	-1.62E-9	0.01820	1210	-0.00	1.0000
Intercept		153	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	153	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	153	0	0.000376	1210	0.00	1.0000
Intercept		154	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	154	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	154	0	0.000376	1210	0.00	1.0000
Intercept		155	2.6807	1.4516	1210	1.85	0.0650
rater	JW	155	9.985E-8	1.1196	1210	0.00	1.0000
rater	VH	155	-3.39E-8	0.3805	1210	-0.00	1.0000
Intercept		156	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	156	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	156	0	0.000376	1210	0.00	1.0000
Intercept		157	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	157	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	157	0	0.000376	1210	0.00	1.0000
Intercept		158	3.1476	1.5536	1210	2.03	0.0430
rater	JW	158	7.74E-8	0.8678	1210	0.00	1.0000
rater	VH	158	0	0.000376	1210	0.00	1.0000
Intercept		159	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	159	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	159	0	0.000376	1210	0.00	1.0000
Intercept		160	-0.1112	2.2787	1210	-0.05	0.9611
rater	JW	160	-2.73E-9	0.03065	1210	-0.00	1.0000
rater	VH	160	0	0.000376	1210	0.00	1.0000
Intercept		161	-0.1859	2.2077	1210	-0.08	0.9329
rater	JW	161	-2.54E-9	0.02846	1210	-0.00	1.0000
rater	VH	161	-2.03E-9	0.02279	1210	-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	-6.1506	1.0972	1210	-5.61	<.0001	0.05	-8.3033	-3.9980	0.002128	0.002329	0.000248	0.01802
LLS	-6.8191	1.2127	1210	-5.62	<.0001	0.05	-9.1982	-4.4399	0.001092	0.001322	0.000101	0.01166
LUS	-5.4895	1.0066	1210	-5.45	<.0001	0.05	-7.4644	-3.5147	0.004113	0.004123	0.000573	0.02890
RLL	-5.5472	1.0765	1210	-5.15	<.0001	0.05	-7.6593	-3.4352	0.003883	0.004164	0.000471	0.03121
RML	-6.5003	1.2275	1210	-5.30	<.0001	0.05	-8.9085	-4.0922	0.001501	0.001839	0.000135	0.01643
RUL	-5.0188	0.9498	1210	-5.28	<.0001	0.05	-6.8822	-3.1555	0.006569	0.006198	0.001025	0.04088

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	0.6684	0.8353	1210	0.80	0.4238	0.9675	0.05	-0.9705	2.3073	-1.7159	3.0527	1.951	0.379	10.047	0.180	21.173
LLL	LUS	-0.6611	0.6763	1210	-0.98	0.3285	0.9251	0.05	-1.9879	0.6657	-2.5914	1.2692	0.516	0.137	1.946	0.075	3.558
LLL	RLL	-0.6034	0.6773	1210	-0.89	0.3732	0.9487	0.05	-1.9322	0.7254	-2.5366	1.3298	0.547	0.145	2.066	0.079	3.780
LLL	RML	0.3497	0.7871	1210	0.44	0.6569	0.9978	0.05	-1.1946	1.8940	-1.8970	2.5964	1.419	0.303	6.646	0.150	13.416
LLL	RUL	-1.1318	0.6501	1210	-1.74	0.0819	0.5047	0.05	-2.4072	0.1436	-2.9873	0.7237	0.322	0.090	1.154	0.050	2.062
LLS	LUS	-1.3295	0.7891	1210	-1.68	0.0923	0.5420	0.05	-2.8776	0.2186	-3.5818	0.9227	0.265	0.056	1.244	0.028	2.516
LLS	RLL	-1.2718	0.7835	1210	-1.62	0.1048	0.5833	0.05	-2.8091	0.2654	-3.5083	0.9646	0.280	0.060	1.304	0.030	2.624
LLS	RML	-0.3187	0.8705	1210	-0.37	0.7143	0.9991	0.05	-2.0265	1.3891	-2.8033	2.1659	0.727	0.132	4.011	0.061	8.722
LLS	RUL	-1.8002	0.7708	1210	-2.34	0.0197	0.1807	0.05	-3.3126	-0.2879	-4.0005	0.4000	0.165	0.036	0.750	0.018	1.492
LUS	RLL	0.05772	0.6103	1210	0.09	0.9247	1.0000	0.05	-1.1396	1.2550	-1.6842	1.7996	1.059	0.320	3.508	0.186	6.047
LUS	RML	1.0108	0.7408	1210	1.36	0.1726	0.7483	0.05	-0.4425	2.4641	-1.1035	3.1251	2.748	0.642	11.753	0.332	22.763
LUS	RUL	-0.4707	0.5672	1210	-0.83	0.4068	0.9620	0.05	-1.5835	0.6421	-2.0896	1.1482	0.625	0.205	1.900	0.124	3.153
RLL	RML	0.9531	0.7217	1210	1.32	0.1869	0.7736	0.05	-0.4628	2.3690	-1.1068	3.0129	2.594	0.630	10.686	0.331	20.347
RLL	RUL	-0.5284	0.5801	1210	-0.91	0.3626	0.9438	0.05	-1.6666	0.6098	-2.1843	1.1275	0.590	0.189	1.840	0.113	3.088
RML	RUL	-1.4815	0.7232	1210	-2.05	0.0407	0.3154	0.05	-2.9003	-0.06274	-3.5456	0.5826	0.227	0.055	0.939	0.029	1.791