

The GLIMMIX Procedure

Model Information	
Data Set	WORK.ATEL
Response Variable	score
Response Distribution	Multinomial (ordered)
Link Function	Cumulative Logit
Variance Function	Default
Variance Matrix Blocked By	id
Estimation Technique	Maximum Likelihood
Likelihood Approximation	Gauss-Hermite Quadrature
Degrees of Freedom Method	Containment

Class Level Information		
Class	Levels	Values
lobe	6	LLL LLS LUS RLL RML RUL
rater	2	JW VH

Number of Observations Read	1992
Number of Observations Used	1992

Response Profile		
Ordered Value	score	Total Frequency
1	0	1493
2	1	386
3	2	48
4	3	65
The GLIMMIX procedure is modeling the probabilities of levels of score having lower Ordered Values in the Response Profile table.		

Dimensions	
G-side Cov. Parameters	2
Columns in X	11
Columns in Z per Subject	3
Subjects (Blocks in V)	166
Max Obs per Subject	12

Optimization Information	
Optimization Technique	Dual Quasi-Newton
Parameters in Optimization	11
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	2414.1605429	.	67.49146
1	0	2	2377.1012244	37.05931845	111.5712
2	0	3	2358.2754142	18.82581017	39.41289
3	0	3	2351.5707796	6.70463466	35.05397
4	0	2	2342.583739	8.98704059	16.40622
5	0	3	2340.1662102	2.41752876	9.253325
6	0	2	2337.3016572	2.86455301	5.13944
7	0	3	2336.6634142	0.63824302	4.982955
8	0	3	2336.3138706	0.34954364	2.771259
9	0	3	2336.2308214	0.08304922	1.795509
10	0	3	2336.1967096	0.03411175	1.429248
11	0	3	2336.1913448	0.00536477	0.439993
12	0	3	2336.1901452	0.00119965	0.098204
13	0	3	2336.1900166	0.00012855	0.020038
14	0	3	2336.1900133	0.00000333	0.001541

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

Estimated G matrix is not positive definite.

Fit Statistics	
-2 Log Likelihood	2336.19
AIC (smaller is better)	2356.19
AICC (smaller is better)	2356.30
BIC (smaller is better)	2387.31
CAIC (smaller is better)	2397.31
HQIC (smaller is better)	2368.82

Fit Statistics for Conditional Distribution	
-2 log L(score   r. effects)	1972.76

Covariance Parameter Estimates			
Cov Parm	Subject	Estimate	Standard Error
Intercept	id	2.3229	.
rater	id	1.25E-17	.

Solutions for Fixed Effects								
Effect	score	lobe	rater	Estimate	Standard Error	DF	t Value	Pr >  t
Intercept	0			1.7714	3.2591	165	0.54	0.5875
Intercept	1			4.2578	3.8508	165	1.11	0.2705
Intercept	2			4.9988	3.7730	165	1.32	0.1870
lobe		LLL		0.6784	1.4833	1653	0.46	0.6475
lobe		LLS		-1.8903	0	1653	-Infy	<.0001
lobe		LUS		1.0656	0	1653	Infy	<.0001
lobe		RLL		1.0912	0	1653	Infy	<.0001
lobe		RML		-2.1019	0.1465	1653	-14.35	<.0001
lobe		RUL		0	.	.	.	.
rater			JW	0.4344	0	165	Infy	<.0001
rater			VH	0	.	.	.	.

Type III Tests of Fixed Effects				
Effect	Num DF	Den DF	F Value	Pr > F
lobe	2	1653	103.84	<.0001
rater	1	165	Infy	<.0001

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr >  t
Intercept		1	1.7099	2.1350	1653	0.80	0.4233
rater	JW	1	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	1	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		2	0.9362	2.4162	1653	0.39	0.6985
rater	JW	2	-495E-20	2.786E-6	1653	-0.00	1.0000
rater	VH	2	9.99E-18	3.139E-6	1653	0.00	1.0000
Intercept		3	-1.4330	2.6885	1653	-0.53	0.5941
rater	JW	3	-123E-19	2.463E-6	1653	-0.00	1.0000
rater	VH	3	4.59E-18	4.35E-6	1653	0.00	1.0000
Intercept		4	1.7099	2.1350	1653	0.80	0.4233
rater	JW	4	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	4	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		5	-0.6824	2.5763	1653	-0.26	0.7911
rater	JW	5	-425E-20	3.207E-6	1653	-0.00	1.0000
rater	VH	5	5.73E-19	3.276E-6	1653	0.00	1.0000
Intercept		6	0.3799	2.5848	1653	0.15	0.8832
rater	JW	6	1.09E-17	2.54E-6	1653	0.00	1.0000
rater	VH	6	-884E-20	3.924E-6	1653	-0.00	1.0000
Intercept		7	0.7275	2.3724	1653	0.31	0.7591
rater	JW	7	8.45E-18	2.995E-6	1653	0.00	1.0000
rater	VH	7	-454E-20	2.786E-6	1653	-0.00	1.0000
Intercept		8	0.8912	2.3843	1653	0.37	0.7086
rater	JW	8	-552E-20	2.492E-6	1653	-0.00	1.0000
rater	VH	8	1.03E-17	3.335E-6	1653	0.00	1.0000
Intercept		9	-0.07986	2.6873	1653	-0.03	0.9763
rater	JW	9	3.15E-18	2.899E-6	1653	0.00	1.0000
rater	VH	9	-358E-20	3.884E-6	1653	-0.00	1.0000
Intercept		10	1.7099	2.1350	1653	0.80	0.4233
rater	JW	10	3.75E-18	2.092E-6	1653	0.00	1.0000

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr >  t
rater	VH	10	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		11	-0.5298	2.7213	1653	-0.19	0.8457
rater	JW	11	-157E-19	3.752E-6	1653	-0.00	1.0000
rater	VH	11	1.28E-17	3.144E-6	1653	0.00	1.0000
Intercept		12	1.7099	2.1350	1653	0.80	0.4233
rater	JW	12	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	12	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		13	0.3799	2.5848	1653	0.15	0.8832
rater	JW	13	1.09E-17	2.54E-6	1653	0.00	1.0000
rater	VH	13	-884E-20	3.924E-6	1653	-0.00	1.0000
Intercept		14	-1.3428	2.7153	1653	-0.49	0.6210
rater	JW	14	-683E-20	3.348E-6	1653	-0.00	1.0000
rater	VH	14	-396E-21	3.557E-6	1653	-0.00	1.0000
Intercept		15	-0.5404	2.7077	1653	-0.20	0.8418
rater	JW	15	1.91E-17	2.373E-6	1653	0.00	1.0000
rater	VH	15	-22E-18	4.486E-6	1653	-0.00	1.0000
Intercept		16	1.7099	2.1350	1653	0.80	0.4233
rater	JW	16	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	16	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		17	1.7099	2.1350	1653	0.80	0.4233
rater	JW	17	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	17	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		18	-0.6069	2.6512	1653	-0.23	0.8190
rater	JW	18	-49E-19	2.855E-6	1653	-0.00	1.0000
rater	VH	18	1.64E-18	3.843E-6	1653	0.00	1.0000
Intercept		19	-0.4712	2.7666	1653	-0.17	0.8648
rater	JW	19	-411E-20	3.284E-6	1653	-0.00	1.0000
rater	VH	19	1.58E-18	3.739E-6	1653	0.00	1.0000
Intercept		20	1.7099	2.1350	1653	0.80	0.4233
rater	JW	20	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	20	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		21	-1.6022	2.8142	1653	-0.57	0.5692
rater	JW	21	-76E-19	3.172E-6	1653	-0.00	1.0000
rater	VH	21	-102E-20	4E-6	1653	-0.00	1.0000
Intercept		22	-1.1697	2.8561	1653	-0.41	0.6822
rater	JW	22	-672E-20	3.429E-6	1653	-0.00	1.0000
rater	VH	22	4.3E-19	3.866E-6	1653	0.00	1.0000
Intercept		23	1.7099	2.1350	1653	0.80	0.4233
rater	JW	23	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	23	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		24	-1.1811	2.8360	1653	-0.42	0.6771
rater	JW	24	5.59E-18	3.415E-6	1653	0.00	1.0000
rater	VH	24	-119E-19	3.826E-6	1653	-0.00	1.0000
Intercept		25	-2.1572	2.7610	1653	-0.78	0.4347
rater	JW	25	-326E-20	3.085E-6	1653	-0.00	1.0000
rater	VH	25	-835E-20	3.953E-6	1653	-0.00	1.0000
Intercept		26	1.7099	2.1350	1653	0.80	0.4233
rater	JW	26	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	26	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		27	1.7099	2.1350	1653	0.80	0.4233
rater	JW	27	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	27	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		28	0.3618	2.5687	1653	0.14	0.8880
rater	JW	28	-967E-21	2.951E-6	1653	-0.00	1.0000
rater	VH	28	2.91E-18	3.467E-6	1653	0.00	1.0000
Intercept		29	1.7099	2.1350	1653	0.80	0.4233
rater	JW	29	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	29	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		30	-1.4256	2.6835	1653	-0.53	0.5953
rater	JW	30	-124E-19	2.48E-6	1653	-0.00	1.0000
rater	VH	30	4.71E-18	4.317E-6	1653	0.00	1.0000
Intercept		31	1.7099	2.1350	1653	0.80	0.4233
rater	JW	31	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	31	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		32	1.7099	2.1350	1653	0.80	0.4233

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr >  t
rater	JW	32	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	32	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		33	-1.3839	2.8802	1653	-0.48	0.6309
rater	JW	33	5.3E-19	3.406E-6	1653	0.00	1.0000
rater	VH	33	-798E-20	3.957E-6	1653	-0.00	1.0000
Intercept		34	0.9326	2.4127	1653	0.39	0.6991
rater	JW	34	-5E-18	2.757E-6	1653	-0.00	1.0000
rater	VH	34	1E-17	3.158E-6	1653	0.00	1.0000
Intercept		35	-0.4712	2.7666	1653	-0.17	0.8648
rater	JW	35	-411E-20	3.284E-6	1653	-0.00	1.0000
rater	VH	35	1.58E-18	3.739E-6	1653	0.00	1.0000
Intercept		36	-0.9514	2.7217	1653	-0.35	0.7267
rater	JW	36	8.13E-19	3.398E-6	1653	0.00	1.0000
rater	VH	36	-593E-20	3.515E-6	1653	-0.00	1.0000
Intercept		37	0.3618	2.5687	1653	0.14	0.8880
rater	JW	37	-967E-21	2.951E-6	1653	-0.00	1.0000
rater	VH	37	2.91E-18	3.467E-6	1653	0.00	1.0000
Intercept		38	1.7099	2.1350	1653	0.80	0.4233
rater	JW	38	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	38	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		39	1.7099	2.1350	1653	0.80	0.4233
rater	JW	39	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	39	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		40	-2.4407	2.9746	1653	-0.82	0.4120
rater	JW	40	6.28E-18	3.021E-6	1653	0.00	1.0000
rater	VH	40	-194E-19	4.62E-6	1653	-0.00	1.0000
Intercept		41	1.7099	2.1350	1653	0.80	0.4233
rater	JW	41	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	41	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		42	-1.0980	2.6039	1653	-0.42	0.6733
rater	JW	42	-118E-19	3.282E-6	1653	-0.00	1.0000
rater	VH	42	5.9E-18	3.294E-6	1653	0.00	1.0000
Intercept		43	-1.0715	2.7321	1653	-0.39	0.6950
rater	JW	43	-569E-20	3.166E-6	1653	-0.00	1.0000
rater	VH	43	-728E-22	3.763E-6	1653	-0.00	1.0000
Intercept		44	0.05970	2.5141	1653	0.02	0.9811
rater	JW	44	1.81E-18	3.691E-6	1653	0.00	1.0000
rater	VH	44	-149E-20	2.565E-6	1653	-0.00	1.0000
Intercept		45	-1.7586	2.9025	1653	-0.61	0.5447
rater	JW	45	3.19E-18	3.531E-6	1653	0.00	1.0000
rater	VH	45	-127E-19	3.908E-6	1653	-0.00	1.0000
Intercept		46	-1.6598	2.8675	1653	-0.58	0.5628
rater	JW	46	-63E-19	2.987E-6	1653	-0.00	1.0000
rater	VH	46	-264E-20	4.346E-6	1653	-0.00	1.0000
Intercept		47	-1.1759	2.8508	1653	-0.41	0.6800
rater	JW	47	-687E-20	3.361E-6	1653	-0.00	1.0000
rater	VH	47	5.38E-19	3.92E-6	1653	0.00	1.0000
Intercept		48	-0.6791	2.5656	1653	-0.26	0.7913
rater	JW	48	-424E-20	3.205E-6	1653	-0.00	1.0000
rater	VH	48	5.9E-19	3.25E-6	1653	0.00	1.0000
Intercept		49	0.3618	2.5687	1653	0.14	0.8880
rater	JW	49	-967E-21	2.951E-6	1653	-0.00	1.0000
rater	VH	49	2.91E-18	3.467E-6	1653	0.00	1.0000
Intercept		50	1.7099	2.1350	1653	0.80	0.4233
rater	JW	50	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	50	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		51	-0.6930	2.7732	1653	-0.25	0.8027
rater	JW	51	-851E-20	3.113E-6	1653	-0.00	1.0000
rater	VH	51	4.78E-18	3.927E-6	1653	0.00	1.0000
Intercept		52	-0.8954	2.7737	1653	-0.32	0.7469
rater	JW	52	-108E-19	3.794E-6	1653	-0.00	1.0000
rater	VH	52	5.97E-18	3.261E-6	1653	0.00	1.0000
Intercept		53	1.7099	2.1350	1653	0.80	0.4233
rater	JW	53	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	53	5.45E-18	2.865E-6	1653	0.00	1.0000

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr >  t
Intercept		54	0.3799	2.5848	1653	0.15	0.8832
rater	JW	54	1.09E-17	2.54E-6	1653	0.00	1.0000
rater	VH	54	-884E-20	3.924E-6	1653	-0.00	1.0000
Intercept		55	-0.1032	2.5052	1653	-0.04	0.9672
rater	JW	55	-199E-20	2.811E-6	1653	-0.00	1.0000
rater	VH	55	1.43E-18	3.406E-6	1653	0.00	1.0000
Intercept		56	0.3738	2.5791	1653	0.14	0.8848
rater	JW	56	-951E-21	2.956E-6	1653	-0.00	1.0000
rater	VH	56	2.96E-18	3.492E-6	1653	0.00	1.0000
Intercept		57	-0.1340	2.6401	1653	-0.05	0.9595
rater	JW	57	-885E-20	3.189E-6	1653	-0.00	1.0000
rater	VH	57	8.13E-18	3.459E-6	1653	0.00	1.0000
Intercept		58	1.7099	2.1350	1653	0.80	0.4233
rater	JW	58	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	58	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		59	-0.7889	2.6867	1653	-0.29	0.7691
rater	JW	59	1.83E-18	2.101E-6	1653	0.00	1.0000
rater	VH	59	-607E-20	4.697E-6	1653	-0.00	1.0000
Intercept		60	-0.8370	2.8160	1653	-0.30	0.7663
rater	JW	60	6.26E-19	3.284E-6	1653	0.00	1.0000
rater	VH	60	-513E-20	3.89E-6	1653	-0.00	1.0000
Intercept		61	-0.1351	2.6336	1653	-0.05	0.9591
rater	JW	61	3.53E-18	3.142E-6	1653	0.00	1.0000
rater	VH	61	-425E-20	3.488E-6	1653	-0.00	1.0000
Intercept		62	-1.3232	2.7345	1653	-0.48	0.6285
rater	JW	62	-683E-20	3.347E-6	1653	-0.00	1.0000
rater	VH	62	-289E-21	3.612E-6	1653	-0.00	1.0000
Intercept		63	1.7099	2.1350	1653	0.80	0.4233
rater	JW	63	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	63	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		64	-1.2200	2.8123	1653	-0.43	0.6645
rater	JW	64	-788E-20	2.859E-6	1653	-0.00	1.0000
rater	VH	64	1.32E-18	4.316E-6	1653	0.00	1.0000
Intercept		65	-2.4349	2.8337	1653	-0.86	0.3903
rater	JW	65	1.05E-18	2.853E-6	1653	0.00	1.0000
rater	VH	65	-142E-19	4.395E-6	1653	-0.00	1.0000
Intercept		66	-3.2092	3.0486	1653	-1.05	0.2926
rater	JW	66	-103E-19	3.424E-6	1653	-0.00	1.0000
rater	VH	66	-692E-20	4.421E-6	1653	-0.00	1.0000
Intercept		67	0.9362	2.4162	1653	0.39	0.6985
rater	JW	67	-495E-20	2.786E-6	1653	-0.00	1.0000
rater	VH	67	9.99E-18	3.139E-6	1653	0.00	1.0000
Intercept		68	-1.3662	2.7664	1653	-0.49	0.6215
rater	JW	68	-258E-20	3.095E-6	1653	-0.00	1.0000
rater	VH	68	-477E-20	3.939E-6	1653	-0.00	1.0000
Intercept		69	1.7099	2.1350	1653	0.80	0.4233
rater	JW	69	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	69	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		70	-1.7431	2.8510	1653	-0.61	0.5410
rater	JW	70	-844E-20	3.367E-6	1653	-0.00	1.0000
rater	VH	70	-936E-21	3.921E-6	1653	-0.00	1.0000
Intercept		71	0.3738	2.5791	1653	0.14	0.8848
rater	JW	71	-951E-21	2.956E-6	1653	-0.00	1.0000
rater	VH	71	2.96E-18	3.492E-6	1653	0.00	1.0000
Intercept		72	-1.0509	2.7453	1653	-0.38	0.7019
rater	JW	72	4.25E-18	1.97E-6	1653	0.00	1.0000
rater	VH	72	-99E-19	4.999E-6	1653	-0.00	1.0000
Intercept		73	-0.1111	2.6536	1653	-0.04	0.9666
rater	JW	73	1.5E-17	2.553E-6	1653	0.00	1.0000
rater	VH	73	-156E-19	4.135E-6	1653	-0.00	1.0000
Intercept		74	-1.3693	2.8307	1653	-0.48	0.6286
rater	JW	74	-149E-19	2.728E-6	1653	-0.00	1.0000
rater	VH	74	7.52E-18	4.494E-6	1653	0.00	1.0000
Intercept		75	0.3618	2.5687	1653	0.14	0.8880
rater	JW	75	-967E-21	2.951E-6	1653	-0.00	1.0000

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr >  t
rater	VH	75	2.91E-18	3.467E-6	1653	0.00	1.0000
Intercept		76	0.9408	2.4209	1653	0.39	0.6976
rater	JW	76	7.17E-18	2.501E-6	1653	0.00	1.0000
rater	VH	76	-21E-19	3.438E-6	1653	-0.00	1.0000
Intercept		77	1.7099	2.1350	1653	0.80	0.4233
rater	JW	77	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	77	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		78	-0.1351	2.6336	1653	-0.05	0.9591
rater	JW	78	3.53E-18	3.142E-6	1653	0.00	1.0000
rater	VH	78	-425E-20	3.488E-6	1653	-0.00	1.0000
Intercept		79	-2.3041	2.8501	1653	-0.81	0.4190
rater	JW	79	-103E-20	2.558E-6	1653	-0.00	1.0000
rater	VH	79	-114E-19	4.739E-6	1653	-0.00	1.0000
Intercept		80	-1.8136	2.8120	1653	-0.64	0.5191
rater	JW	80	-851E-20	3.344E-6	1653	-0.00	1.0000
rater	VH	80	-125E-20	3.836E-6	1653	-0.00	1.0000
Intercept		81	1.7099	2.1350	1653	0.80	0.4233
rater	JW	81	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	81	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		82	-0.5989	2.7379	1653	-0.22	0.8269
rater	JW	82	7.34E-18	2.224E-6	1653	0.00	1.0000
rater	VH	82	-106E-19	4.708E-6	1653	-0.00	1.0000
Intercept		83	-0.9451	2.8186	1653	-0.34	0.7374
rater	JW	83	-555E-20	3.227E-6	1653	-0.00	1.0000
rater	VH	83	4.63E-19	3.944E-6	1653	0.00	1.0000
Intercept		84	-0.1192	2.6465	1653	-0.05	0.9641
rater	JW	84	3.54E-18	3.15E-6	1653	0.00	1.0000
rater	VH	84	-419E-20	3.517E-6	1653	-0.00	1.0000
Intercept		85	0.3450	2.5518	1653	0.14	0.8925
rater	JW	85	1.12E-17	2.711E-6	1653	0.00	1.0000
rater	VH	85	-93E-19	3.658E-6	1653	-0.00	1.0000
Intercept		86	-0.07986	2.6873	1653	-0.03	0.9763
rater	JW	86	3.15E-18	2.899E-6	1653	0.00	1.0000
rater	VH	86	-358E-20	3.884E-6	1653	-0.00	1.0000
Intercept		87	0.9362	2.4162	1653	0.39	0.6985
rater	JW	87	-495E-20	2.786E-6	1653	-0.00	1.0000
rater	VH	87	9.99E-18	3.139E-6	1653	0.00	1.0000
Intercept		88	-0.8842	2.7633	1653	-0.32	0.7490
rater	JW	88	-185E-21	2.904E-6	1653	-0.00	1.0000
rater	VH	88	-457E-20	4.125E-6	1653	-0.00	1.0000
Intercept		89	-0.4712	2.7666	1653	-0.17	0.8648
rater	JW	89	-411E-20	3.284E-6	1653	-0.00	1.0000
rater	VH	89	1.58E-18	3.739E-6	1653	0.00	1.0000
Intercept		90	0.9408	2.4209	1653	0.39	0.6976
rater	JW	90	7.17E-18	2.501E-6	1653	0.00	1.0000
rater	VH	90	-21E-19	3.438E-6	1653	-0.00	1.0000
Intercept		91	-0.4712	2.7666	1653	-0.17	0.8648
rater	JW	91	-411E-20	3.284E-6	1653	-0.00	1.0000
rater	VH	91	1.58E-18	3.739E-6	1653	0.00	1.0000
Intercept		92	0.9362	2.4162	1653	0.39	0.6985
rater	JW	92	-495E-20	2.786E-6	1653	-0.00	1.0000
rater	VH	92	9.99E-18	3.139E-6	1653	0.00	1.0000
Intercept		93	-0.1657	2.6081	1653	-0.06	0.9493
rater	JW	93	3.04E-18	2.834E-6	1653	0.00	1.0000
rater	VH	93	-394E-20	3.722E-6	1653	-0.00	1.0000
Intercept		94	0.3799	2.5848	1653	0.15	0.8832
rater	JW	94	1.09E-17	2.54E-6	1653	0.00	1.0000
rater	VH	94	-884E-20	3.924E-6	1653	-0.00	1.0000
Intercept		95	-0.6789	2.5658	1653	-0.26	0.7914
rater	JW	95	-424E-20	3.205E-6	1653	-0.00	1.0000
rater	VH	95	5.91E-19	3.25E-6	1653	0.00	1.0000
Intercept		96	1.7099	2.1350	1653	0.80	0.4233
rater	JW	96	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	96	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		97	0.2731	2.4992	1653	0.11	0.9130

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr >  t
rater	JW	97	-162E-20	2.723E-6	1653	-0.00	1.0000
rater	VH	97	3.09E-18	3.487E-6	1653	0.00	1.0000
Intercept		98	-0.3373	2.6962	1653	-0.13	0.9005
rater	JW	98	5.81E-18	3.072E-6	1653	0.00	1.0000
rater	VH	98	-763E-20	3.738E-6	1653	-0.00	1.0000
Intercept		99	0.3799	2.5848	1653	0.15	0.8832
rater	JW	99	1.09E-17	2.54E-6	1653	0.00	1.0000
rater	VH	99	-884E-20	3.924E-6	1653	-0.00	1.0000
Intercept		100	0.3799	2.5848	1653	0.15	0.8832
rater	JW	100	1.09E-17	2.54E-6	1653	0.00	1.0000
rater	VH	100	-884E-20	3.924E-6	1653	-0.00	1.0000
Intercept		101	-1.1278	2.7723	1653	-0.41	0.6842
rater	JW	101	-552E-20	2.771E-6	1653	-0.00	1.0000
rater	VH	101	-552E-21	4.284E-6	1653	-0.00	1.0000
Intercept		102	-1.0695	2.8289	1653	-0.38	0.7054
rater	JW	102	3.92E-18	3.395E-6	1653	0.00	1.0000
rater	VH	102	-968E-20	3.818E-6	1653	-0.00	1.0000
Intercept		103	0.3077	2.5103	1653	0.12	0.9025
rater	JW	103	-135E-19	2.942E-6	1653	-0.00	1.0000
rater	VH	103	1.51E-17	3.306E-6	1653	0.00	1.0000
Intercept		104	1.7099	2.1350	1653	0.80	0.4233
rater	JW	104	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	104	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		105	-1.4746	2.8773	1653	-0.51	0.6084
rater	JW	105	-18E-19	3.522E-6	1653	-0.00	1.0000
rater	VH	105	-614E-20	3.841E-6	1653	-0.00	1.0000
Intercept		106	0.9461	2.4258	1653	0.39	0.6966
rater	JW	106	7.14E-18	2.478E-6	1653	0.00	1.0000
rater	VH	106	-205E-20	3.476E-6	1653	-0.00	1.0000
Intercept		107	1.7099	2.1350	1653	0.80	0.4233
rater	JW	107	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	107	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		108	-1.1717	2.8440	1653	-0.41	0.6804
rater	JW	108	5.45E-18	3.344E-6	1653	0.00	1.0000
rater	VH	108	-118E-19	3.919E-6	1653	-0.00	1.0000
Intercept		109	-0.1351	2.6336	1653	-0.05	0.9591
rater	JW	109	3.53E-18	3.142E-6	1653	0.00	1.0000
rater	VH	109	-425E-20	3.488E-6	1653	-0.00	1.0000
Intercept		110	0.3432	2.5498	1653	0.13	0.8930
rater	JW	110	-125E-20	2.776E-6	1653	-0.00	1.0000
rater	VH	110	3.1E-18	3.587E-6	1653	0.00	1.0000
Intercept		111	-0.9451	2.8186	1653	-0.34	0.7374
rater	JW	111	-555E-20	3.227E-6	1653	-0.00	1.0000
rater	VH	111	4.63E-19	3.944E-6	1653	0.00	1.0000
Intercept		112	1.7099	2.1350	1653	0.80	0.4233
rater	JW	112	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	112	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		113	-0.7237	2.5926	1653	-0.28	0.7802
rater	JW	113	1.27E-18	2.51E-6	1653	0.00	1.0000
rater	VH	113	-516E-20	4.001E-6	1653	-0.00	1.0000
Intercept		114	-0.1101	2.6598	1653	-0.04	0.9670
rater	JW	114	2.61E-18	2.602E-6	1653	0.00	1.0000
rater	VH	114	-321E-20	4.103E-6	1653	-0.00	1.0000
Intercept		115	1.7099	2.1350	1653	0.80	0.4233
rater	JW	115	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	115	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		116	1.7099	2.1350	1653	0.80	0.4233
rater	JW	116	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	116	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		117	-1.4671	2.7802	1653	-0.53	0.5978
rater	JW	117	-124E-20	3.098E-6	1653	-0.00	1.0000
rater	VH	117	-665E-20	3.982E-6	1653	-0.00	1.0000
Intercept		118	-0.9219	2.7544	1653	-0.33	0.7379
rater	JW	118	-106E-19	3.868E-6	1653	-0.00	1.0000
rater	VH	118	5.64E-18	3.135E-6	1653	0.00	1.0000

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr >  t
Intercept		119	-0.4981	2.7442	1653	-0.18	0.8560
rater	JW	119	7.58E-18	2.869E-6	1653	0.00	1.0000
rater	VH	119	-103E-19	4.092E-6	1653	-0.00	1.0000
Intercept		120	1.7099	2.1350	1653	0.80	0.4233
rater	JW	120	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	120	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		121	1.7099	2.1350	1653	0.80	0.4233
rater	JW	121	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	121	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		122	-0.7471	2.7309	1653	-0.27	0.7845
rater	JW	122	-961E-20	2.604E-6	1653	-0.00	1.0000
rater	VH	122	5.59E-18	4.318E-6	1653	0.00	1.0000
Intercept		123	-0.4712	2.7666	1653	-0.17	0.8648
rater	JW	123	-411E-20	3.284E-6	1653	-0.00	1.0000
rater	VH	123	1.58E-18	3.739E-6	1653	0.00	1.0000
Intercept		124	-1.0682	2.6655	1653	-0.40	0.6887
rater	JW	124	-121E-20	2.889E-6	1653	-0.00	1.0000
rater	VH	124	-454E-20	3.858E-6	1653	-0.00	1.0000
Intercept		125	-1.4740	2.7745	1653	-0.53	0.5953
rater	JW	125	-132E-19	3.402E-6	1653	-0.00	1.0000
rater	VH	125	5.24E-18	3.663E-6	1653	0.00	1.0000
Intercept		126	-0.1213	2.6496	1653	-0.05	0.9635
rater	JW	126	-889E-20	3.164E-6	1653	-0.00	1.0000
rater	VH	126	8.24E-18	3.511E-6	1653	0.00	1.0000
Intercept		127	-0.3007	2.6748	1653	-0.11	0.9105
rater	JW	127	-869E-21	2.485E-6	1653	-0.00	1.0000
rater	VH	127	-749E-21	4.257E-6	1653	-0.00	1.0000
Intercept		128	1.7099	2.1350	1653	0.80	0.4233
rater	JW	128	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	128	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		129	-2.0999	2.8862	1653	-0.73	0.4670
rater	JW	129	-178E-19	2.934E-6	1653	-0.00	1.0000
rater	VH	129	6.49E-18	4.457E-6	1653	0.00	1.0000
Intercept		130	-0.9300	2.7266	1653	-0.34	0.7331
rater	JW	130	1.09E-17	2.207E-6	1653	0.00	1.0000
rater	VH	130	-159E-19	4.722E-6	1653	-0.00	1.0000
Intercept		131	-0.9135	2.7965	1653	-0.33	0.7440
rater	JW	131	-131E-19	3.183E-6	1653	-0.00	1.0000
rater	VH	131	8.18E-18	3.932E-6	1653	0.00	1.0000
Intercept		132	-0.4712	2.7666	1653	-0.17	0.8648
rater	JW	132	-411E-20	3.284E-6	1653	-0.00	1.0000
rater	VH	132	1.58E-18	3.739E-6	1653	0.00	1.0000
Intercept		133	-1.1177	2.8081	1653	-0.40	0.6907
rater	JW	133	2.65E-18	2.772E-6	1653	0.00	1.0000
rater	VH	133	-866E-20	4.384E-6	1653	-0.00	1.0000
Intercept		134	-0.1487	2.6183	1653	-0.06	0.9547
rater	JW	134	1.53E-17	2.744E-6	1653	0.00	1.0000
rater	VH	134	-161E-19	3.843E-6	1653	-0.00	1.0000
Intercept		135	1.7099	2.1350	1653	0.80	0.4233
rater	JW	135	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	135	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		136	-1.1080	2.7111	1653	-0.41	0.6828
rater	JW	136	-575E-20	3.141E-6	1653	-0.00	1.0000
rater	VH	136	-213E-21	3.729E-6	1653	-0.00	1.0000
Intercept		137	0.3094	2.5108	1653	0.12	0.9020
rater	JW	137	1.14E-17	2.918E-6	1653	0.00	1.0000
rater	VH	137	-977E-20	3.332E-6	1653	-0.00	1.0000
Intercept		138	-0.08597	2.6824	1653	-0.03	0.9744
rater	JW	138	3.04E-18	2.845E-6	1653	0.00	1.0000
rater	VH	138	-351E-20	3.924E-6	1653	-0.00	1.0000
Intercept		139	-0.6615	2.6455	1653	-0.25	0.8026
rater	JW	139	2.33E-18	3.087E-6	1653	0.00	1.0000
rater	VH	139	-589E-20	3.574E-6	1653	-0.00	1.0000
Intercept		140	-0.7839	2.5306	1653	-0.31	0.7568
rater	JW	140	-622E-20	2.586E-6	1653	-0.00	1.0000



Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr >  t
rater	VH	140	2.01E-18	3.756E-6	1653	0.00	1.0000
Intercept		141	-4.6224	3.0558	1653	-1.51	0.1306
rater	JW	141	-168E-19	3.828E-6	1653	-0.00	1.0000
rater	VH	141	-805E-20	4.02E-6	1653	-0.00	1.0000
Intercept		142	-1.6874	2.7626	1653	-0.61	0.5414
rater	JW	142	-951E-20	2.412E-6	1653	-0.00	1.0000
rater	VH	142	4.27E-19	4.618E-6	1653	0.00	1.0000
Intercept		143	1.7099	2.1350	1653	0.80	0.4233
rater	JW	143	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	143	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		144	-1.8616	2.9215	1653	-0.64	0.5241
rater	JW	144	-328E-20	2.867E-6	1653	-0.00	1.0000
rater	VH	144	-673E-20	4.619E-6	1653	-0.00	1.0000
Intercept		145	-1.1697	2.8561	1653	-0.41	0.6822
rater	JW	145	-672E-20	3.429E-6	1653	-0.00	1.0000
rater	VH	145	4.3E-19	3.866E-6	1653	0.00	1.0000
Intercept		146	-0.5103	2.7276	1653	-0.19	0.8516
rater	JW	146	7.48E-18	2.866E-6	1653	0.00	1.0000
rater	VH	146	-102E-19	4.048E-6	1653	-0.00	1.0000
Intercept		147	0.05970	2.5141	1653	0.02	0.9811
rater	JW	147	1.81E-18	3.691E-6	1653	0.00	1.0000
rater	VH	147	-149E-20	2.565E-6	1653	-0.00	1.0000
Intercept		148	0.3799	2.5848	1653	0.15	0.8832
rater	JW	148	1.09E-17	2.54E-6	1653	0.00	1.0000
rater	VH	148	-884E-20	3.924E-6	1653	-0.00	1.0000
Intercept		149	1.7099	2.1350	1653	0.80	0.4233
rater	JW	149	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	149	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		150	0.07787	2.4957	1653	0.03	0.9751
rater	JW	150	1.49E-18	3.674E-6	1653	0.00	1.0000
rater	VH	150	-107E-20	2.523E-6	1653	-0.00	1.0000
Intercept		151	1.7099	2.1350	1653	0.80	0.4233
rater	JW	151	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	151	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		152	-0.6791	2.5656	1653	-0.26	0.7913
rater	JW	152	-424E-20	3.205E-6	1653	-0.00	1.0000
rater	VH	152	5.9E-19	3.25E-6	1653	0.00	1.0000
Intercept		153	-0.1493	2.5672	1653	-0.06	0.9536
rater	JW	153	1.53E-17	3.056E-6	1653	0.00	1.0000
rater	VH	153	-161E-19	3.353E-6	1653	-0.00	1.0000
Intercept		154	0.3618	2.5687	1653	0.14	0.8880
rater	JW	154	-967E-21	2.951E-6	1653	-0.00	1.0000
rater	VH	154	2.91E-18	3.467E-6	1653	0.00	1.0000
Intercept		155	-1.5717	2.8200	1653	-0.56	0.5774
rater	JW	155	-751E-20	3.199E-6	1653	-0.00	1.0000
rater	VH	155	-943E-21	3.988E-6	1653	-0.00	1.0000
Intercept		156	1.7099	2.1350	1653	0.80	0.4233
rater	JW	156	3.75E-18	2.092E-6	1653	0.00	1.0000
rater	VH	156	5.45E-18	2.865E-6	1653	0.00	1.0000
Intercept		157	-0.07986	2.6873	1653	-0.03	0.9763
rater	JW	157	3.15E-18	2.899E-6	1653	0.00	1.0000
rater	VH	157	-358E-20	3.884E-6	1653	-0.00	1.0000
Intercept		158	-1.8773	2.8506	1653	-0.66	0.5103
rater	JW	158	-19E-18	4.182E-6	1653	-0.00	1.0000
rater	VH	158	8.9E-18	3.116E-6	1653	0.00	1.0000
Intercept		159	-1.6613	2.7704	1653	-0.60	0.5488
rater	JW	159	-141E-19	3.353E-6	1653	-0.00	1.0000
rater	VH	159	5.16E-18	3.713E-6	1653	0.00	1.0000
Intercept		160	-1.0333	2.7299	1653	-0.38	0.7051
rater	JW	160	-879E-20	4.311E-6	1653	-0.00	1.0000
rater	VH	160	3.23E-18	2.616E-6	1653	0.00	1.0000
Intercept		161	-1.7972	2.8251	1653	-0.64	0.5248
rater	JW	161	-877E-20	3.219E-6	1653	-0.00	1.0000
rater	VH	161	-904E-21	3.996E-6	1653	-0.00	1.0000
Intercept		162	-0.9913	2.7587	1653	-0.36	0.7194

Solution for Random Effects							
Effect	rater	Subject	Estimate	Std Err Pred	DF	t Value	Pr >  t
rater	JW	162	9.89E-19	3.06E-6	1653	0.00	1.0000
rater	VH	162	-632E-20	3.949E-6	1653	-0.00	1.0000
Intercept		163	0.9362	2.4162	1653	0.39	0.6985
rater	JW	163	-495E-20	2.786E-6	1653	-0.00	1.0000
rater	VH	163	9.99E-18	3.139E-6	1653	0.00	1.0000
Intercept		164	-0.1351	2.6336	1653	-0.05	0.9591
rater	JW	164	3.53E-18	3.142E-6	1653	0.00	1.0000
rater	VH	164	-425E-20	3.488E-6	1653	-0.00	1.0000
Intercept		165	-0.2545	2.4335	1653	-0.10	0.9167
rater	JW	165	-234E-20	2.754E-6	1653	-0.00	1.0000
rater	VH	165	9.72E-19	3.257E-6	1653	0.00	1.0000
Intercept		166	-1.1080	2.7111	1653	-0.41	0.6828
rater	JW	166	-575E-20	3.141E-6	1653	-0.00	1.0000
rater	VH	166	-213E-21	3.729E-6	1653	-0.00	1.0000