description	nick_name	start_time	end_time	run_time	run
emily-log-2	01861fb3b1d46b85235b5f9fa2c2b183	1606450090.2	1606450132	41.756390572	1
emily-log-2	01861fb3b1d46b85235b5f9fa2c2b183	1606450132	1606450200.2	68.18294239	1
emily-log-2	01861fb3b1d46b85235b5f9fa2c2b183	1606450200.2	1606450226.7	26.508532524	1
emily-log-2	01861fb3b1d46b85235b5f9fa2c2b183	1606450226.8	1606450290.8	64.065585136	1
emily-log-2	01861fb3b1d46b85235b5f9fa2c2b183	1606450290.9	1606450341.8	50.851896524	1
emily-log-2	01861fb3b1d46b85235b5f9fa2c2b183	1606450341.8	1606450414.2	72.406569958	1
emily-log-2	07917c8f20bd64d139a5b2236f7e4e17	1606151413.6	1606151494.9	81.329717398	2
emily-log-2	07917c8f20bd64d139a5b2236f7e4e17	1606151495	1606151583.4	88.378311634	2

data_name	pic_name	pic_id	test_param
8ad2ea6719790c191cedf1038d3cbca5	plots/svg/5df2947852318075a066e55984da5020.svg	13	linear
e079c7c97296f2c777bede60f7d1c5b7	plots/svg/19458f4a249031b8179c02b343dffe30.svg	7	linear
8ad2ea6719790c191cedf1038d3cbca5	plots/svg/df10610fd0e27c50fe0db5b8ca04f080.svg	14	log
3d689aa117d70559b73fe8398f1a44c6	plots/svg/20d0abf28998f59ada75cce6b4999158.svg	21	linear
e079c7c97296f2c777bede60f7d1c5b7	plots/svg/ef16f06ed4708fcd12a6249492a1e12a.svg	8	log
3d689aa117d70559b73fe8398f1a44c6	plots/svg/d6bc919b68b3711ec58a7d2d12363647.svg	22	log
d5c6dd039c67d2cb6771b22aa1c6aaac	plots/svg/929c1e7fdc8f70077cdaf06728393cf6.svg	26	log
f28e70dc6b7365974b49d253cdd85363	plots/svg/abd7b714d3c960b93247a0a3e0308473.svg	29	linear

param_value	rorschach	curvature	target_curvature	null_curvature	target_variability	null_variability
target-M-Lv_null-E-Lv_r0	0	t-M_n-E	M	E	Lv	Lv
target-E-Lv_null-M-Lv_r0	0	t-E_n-M	E	M	Lv	Lv
target-M-Lv_null-E-Lv_r0	0	t-M_n-E	M	E	Lv	Lv
target-M-Lv_null-H-Lv_r0	0	t-M_n-H	M	H	Lv	Lv
target-E-Lv_null-M-Lv_r0	0	t-E_n-M	E	M	Lv	Lv
target-M-Lv_null-H-Lv_r0	0	t-M_n-H	M	H	Lv	Lv
target-H-Lv_null-E-Lv_r0	0	t-H_n-E	H	E	Lv	Lv
target-H-Lv_null-M-Lv_r0	0	t-H_n-M	H	M	Lv	Lv

sample_size	obs_plot_location	response_no	correct	conf_level	choice_reason	participant_count	plot_count
50	10	8	0	Certain	Outlier(s)	6	22
50	14	14	1	Certain	Different shape	6	24
50	10	10	1	Certain	Different slope	6	23
50	1	3	0	Certain	Clustering	6	28
50	14	14	1	Certain	Outlier(s)	6	21
50	1	10	0	Neutral	Clustering	6	23
50	1	1	1	Certain	Different shape	13	22
50	12	18	0	Certain	Clustering	13	21

description	nick_name	start_time	end_time	run_time	run
emily-log-2	07917c8f20bd64d139a5b2236f7e4e17	1606151583.4	1606151736.4	152.98238087	2
emily-log-2	07917c8f20bd64d139a5b2236f7e4e17	1606151736.5	1606151785.5	49.040765285	2

data_name	pic_name	pic_id	test_param
7ff3391e264e98652cdb6eb8b85088c4	plots/svg/d8dea45d5c5b31523324bc29de32411f.svg	15	linear
87f34b01f1fce217b6c33e04da081ed0	plots/svg/5ecce62e937c1598e901631b3a1821d2.svg	6	log

param_value	rorschach	curvature	target_curvature	null_curvature	target_variability	null_variability
target-M-Lv_null-E-Lv_r0	0	t-M_n-E	M	E	Lv	Lv
target-E-Lv_null-M-Lv_r0	0	t-E_n-M	E	M	Lv	Lv

sample_size	obs_plot_location	response_no	correct	conf_level	choice_reason	participant_count	plot_count
50	10	12	0	Neutral	Other, Least variability about line	13	21
50	12	12	1	Certain	Different shape	13	20

The GLIMMIX Procedure

Model Information	
Data Set	WORK.LINEUP_DATA
Response Variable	correct
Response Distribution	Binomial
Link Function	Logit
Variance Function	Default
Variance Matrix	Not blocked
Estimation Technique	Residual PL
Degrees of Freedom Method	Containment

Class Level Information		
Class	**Levels**	**Values**
nick_name	35	01861fb3b1d46b85235b5f9fa2c2b183 07917c8f20bd64d139a5b2236f7e4e17 0cf70ba06ca136fd39b9656dc36a1e28 0fd70ce79e7389144e6241d6e33b0c47 11d0f4e6d5fab9bd5b4a9356cb804540 19966d4664333b7f76919371876714d0 1a81e4bc01b252e4a1b54b449d5f2e96 1b37544d470da5ef08adef40f2b62e28 1dd51f5bdadfcf7af6f7ec9b986824ee 28fad056d8ae07f1fce2cfb4f2a2652a 29fd2ae75eb8f9c21c055211b45fb2de 2ac7cb9bd776d407e08b85eb619f15ca 4c7cee72e71798b9ee3092a8d60ed224 5083fc7d8a5a8f50e96063237f0c8afe 589a7834099998445cd20117a88d444c 5a2733563a0f8a8cc2ee6116a4744271 5e535b9cd42f5f965117a845328ecdc7 5fad3241413670ce6c8f40d0dc138dfd 607a9c29102832b993d8adb5d9855f3b 7b86b70c45775969aa583a90e87bcfa6 7cda7482f5b4af74e92c562af71838c2 81998917829c2defc8897a6aa438e044 84f6fb2625fee48472f92836151eae49 8d768b89ce4e79918098c14f974c7117 965675ef51352b48492b478a0ff20cca 9c38c2ef339980c656cb722b5c0d4a1d a25a0a4fdf05472157f78375e565027b a9af0281dc579f92ceaa690a71727808 bd24ec8a44cfb366c742b894c06334d4 c0f02f7d7aa23c41a53a8373bcbb0ae2 c3d6ecc6236ee802fcf9d979374877b6 d148d77a34a4c200e621563ea9812399 e8780996f49098d76b26612bb3144739 f01138c98cd648f4a5945d7219e60734 f9cd0853cfefc7c816a417b1909fb239
run	41	1 2 3 4 5 6 7 10 11 12 13 14 15 16 17 19 20 21 22 23 24 25 26 30 31 34 35 36 37 38 39 40 42 45 46 47 50 51 54 56 58
data_name	12	8ad2ea6719790c191cedf1038d3cbca5 e079c7c97296f2c777bede60f7d1c5b7 3d689aa117d70559b73fe8398f1a44c6 d5c6dd039c67d2cb6771b22aa1c6aaac 87f34b01f1fce217b6c33e04da081ed0 d14de6e8946c29750256921ce0462931 f28e70dc6b7365974b49d253cdd85363 7ff3391e264e98652cdb6eb8b85088c4 184b9f1a90081e0ffeedc112c6431d9c b79bc1a0fdbb69edc87fe34883a066d6 6a72b42ba970ea6798a886761baf324f 47748c8978f11fc269bed62ca7f6a4d3
pic_id	24	14 8 22 26 6 10 30 16 24 32 12 28 13 7 21 29 15 5 25 9 23 31 11 27
test_param	2	log linear
param_value	6	target-M-Lv_null-E-Lv_r0 target-E-Lv_null-M-Lv_r0 target-M-Lv_null-H-Lv_r0 target-H-Lv_null-E-Lv_r0 target-E-Lv_null-H-Lv_r0 target-H-Lv_null-M-Lv_r0
curvature	6	t-M_n-E t-E_n-M t-M_n-H t-H_n-E t-E_n-H t-H_n-M
target_curvature	3	M E H
null_curvature	3	E M H

Number of Observations Read	477
Number of Observations Used	477

Dimensions	
G-side Cov. Parameters	2
Columns in X	21
Columns in Z	53

The GLIMMIX Procedure

Dimensions	
Subjects (Blocks in V)	1
Max Obs per Subject	477

Optimization Information	
Optimization Technique	Dual Quasi-Newton
Parameters in Optimization	2
Lower Boundaries	2
Upper Boundaries	0
Fixed Effects	Profiled
Starting From	Data

Iteration History					
Iteration	Restarts	Subiterations	Objective Function	Change	Max Gradient
0	0	6	2136.3414325	1.92663283	0.000233
1	0	5	2285.3115166	2.00000000	0.000012
2	0	4	2385.2336725	0.10438034	2.903E-6
3	0	4	2415.5152344	0.01859695	1.898E-6
4	0	3	2419.5847865	0.00204894	1.535E-7
5	0	2	2419.9416786	0.00017523	4.32E-7
6	0	1	2419.9707332	0.00001429	5.268E-6
7	0	0	2419.9730563	0.00000000	7.617E-6

Convergence criterion (PCONV=1.11022E-8) satisfied.

Fit Statistics	
-2 Res Log Pseudo-Likelihood	2419.97
Generalized Chi-Square	293.76
Gener. Chi-Square / DF	0.63

Covariance Parameter Estimates			
Cov Parm	Subject	Estimate	Standard Error
Intercept	run	2.1322	0.7351
Intercept	data_name	0.9170	0.6986

The GLIMMIX Procedure

Solutions for Fixed Effects

Effect	test_param	curvature	Estimate	Standard Error	DF	t Value	Pr > |t|
Intercept			-1.4837	0.8288	6	-1.79	0.1236
curvature		t-M_n-E	-1.0605	1.1661	419	-0.91	0.3636
curvature		t-E_n-M	2.0553	1.1325	419	1.81	0.0703
curvature		t-M_n-H	3.2360	1.1432	419	2.83	0.0049
curvature		t-H_n-E	3.1553	1.1443	419	2.76	0.0061
curvature		t-E_n-H	5.0776	1.3113	419	3.87	0.0001
curvature		t-H_n-M	0	.	.	.	.
test_param	log		1.9524	0.5720	419	3.41	0.0007
test_param	linear		0	.	.	.	.
test_param*curvature	log	t-M_n-E	1.7182	0.8677	419	1.98	0.0484
test_param*curvature	log	t-E_n-M	0.09772	0.8996	419	0.11	0.9136
test_param*curvature	log	t-M_n-H	-2.7917	0.8233	419	-3.39	0.0008
test_param*curvature	log	t-H_n-E	-1.1997	0.8982	419	-1.34	0.1824
test_param*curvature	log	t-E_n-H	-2.8037	1.1129	419	-2.52	0.0121
test_param*curvature	log	t-H_n-M	0	.	.	.	.
test_param*curvature	linear	t-M_n-E	0	.	.	.	.
test_param*curvature	linear	t-E_n-M	0	.	.	.	.
test_param*curvature	linear	t-M_n-H	0	.	.	.	.
test_param*curvature	linear	t-H_n-E	0	.	.	.	.
test_param*curvature	linear	t-E_n-H	0	.	.	.	.
test_param*curvature	linear	t-H_n-M	0	.	.	.	.

Type III Tests of Fixed Effects

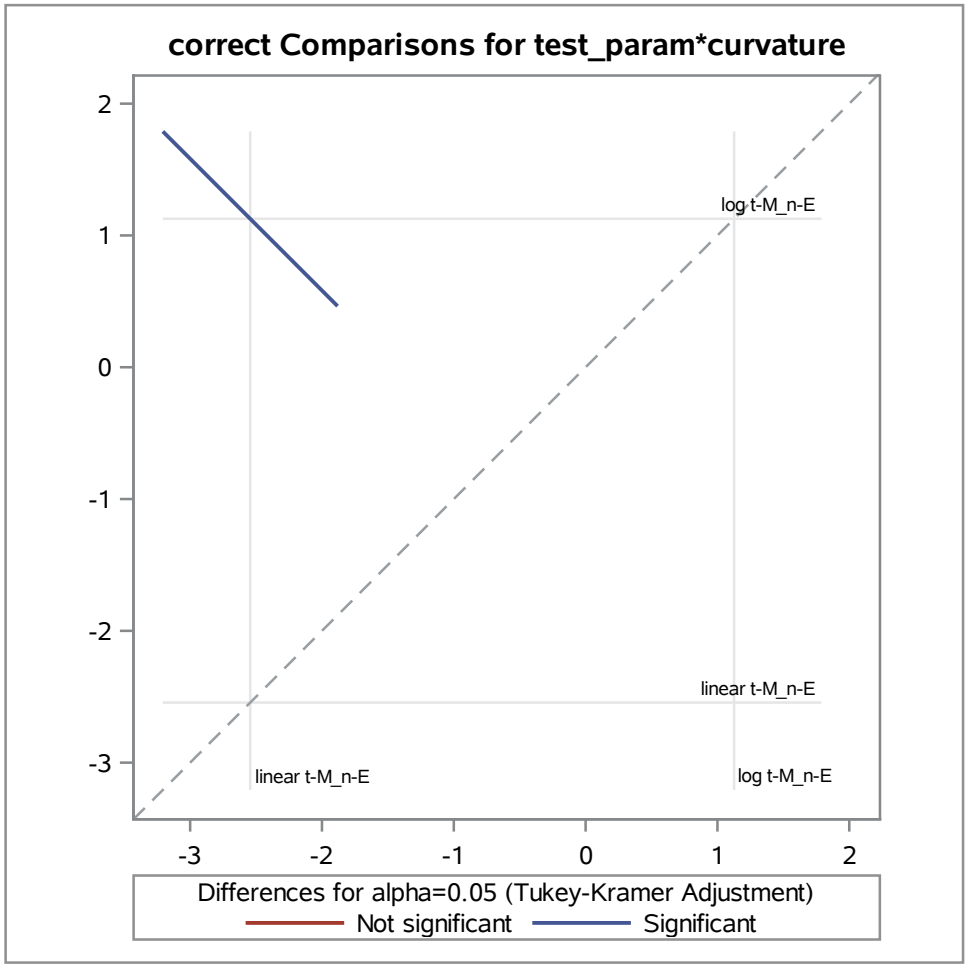
Effect	Num DF	Den DF	F Value	Pr > F
curvature	5	419	3.66	0.0030
test_param	1	419	14.89	0.0001
test_param*curvature	5	419	6.58	<.0001

F Test for test_param*curvature Least Squares Means Slice

Slice	Num DF	Den DF	F Value	Pr > F
curvature t-M_n-E	1	419	29.64	<.0001

The GLIMMIX Procedure

Simple Differences of test_param*curvature Least Squares Means Adjustment for Multiple Comparisons: Tukey-Kramer								
Slice	**test_param**	**_test_param**	**Estimate**	**Standard Error**	**DF**	**t Value**	**Pr > |t|**	**Adj P**
curvature t-M_n-E	log	linear	3.6705	0.6743	419	5.44	<.0001	<.0001

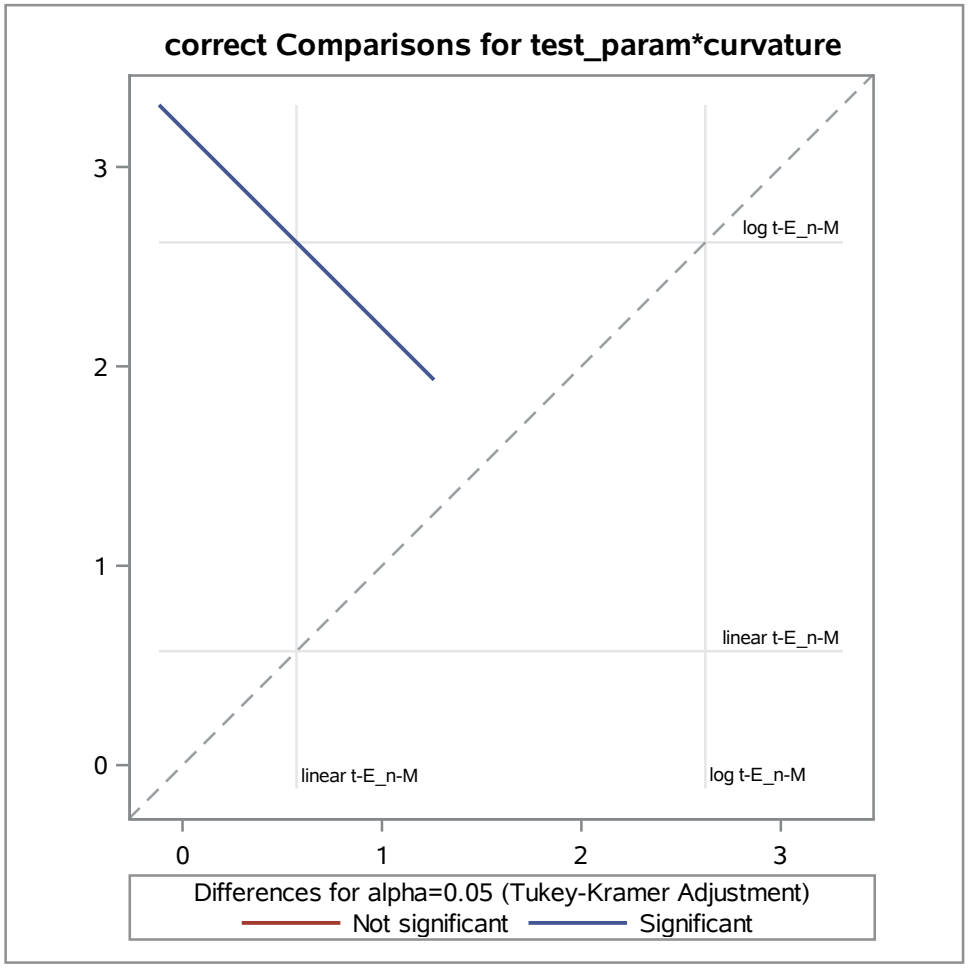


Tukey-Kramer Grouping for test_param*curvature Least Squares Means Slice (Alpha=0.05)			
LS-means with the same letter are not significantly different.			
Slice	**test_param**	**Estimate**	
curvature t-M_n-E	log	1.1264	A
curvature t-M_n-E			
curvature t-M_n-E	linear	-2.5442	B

F Test for test_param*curvature Least Squares Means Slice				
Slice	**Num DF**	**Den DF**	**F Value**	**Pr > F**
curvature t-E_n-M	1	419	8.54	0.0037

The GLIMMIX Procedure

Simple Differences of test_param*curvature Least Squares Means Adjustment for Multiple Comparisons: Tukey-Kramer								
Slice	**test_param**	**_test_param**	**Estimate**	**Standard Error**	**DF**	**t Value**	**Pr > |t|**	**Adj P**
curvature t-E_n-M	log	linear	2.0501	0.7014	419	2.92	0.0037	0.0037

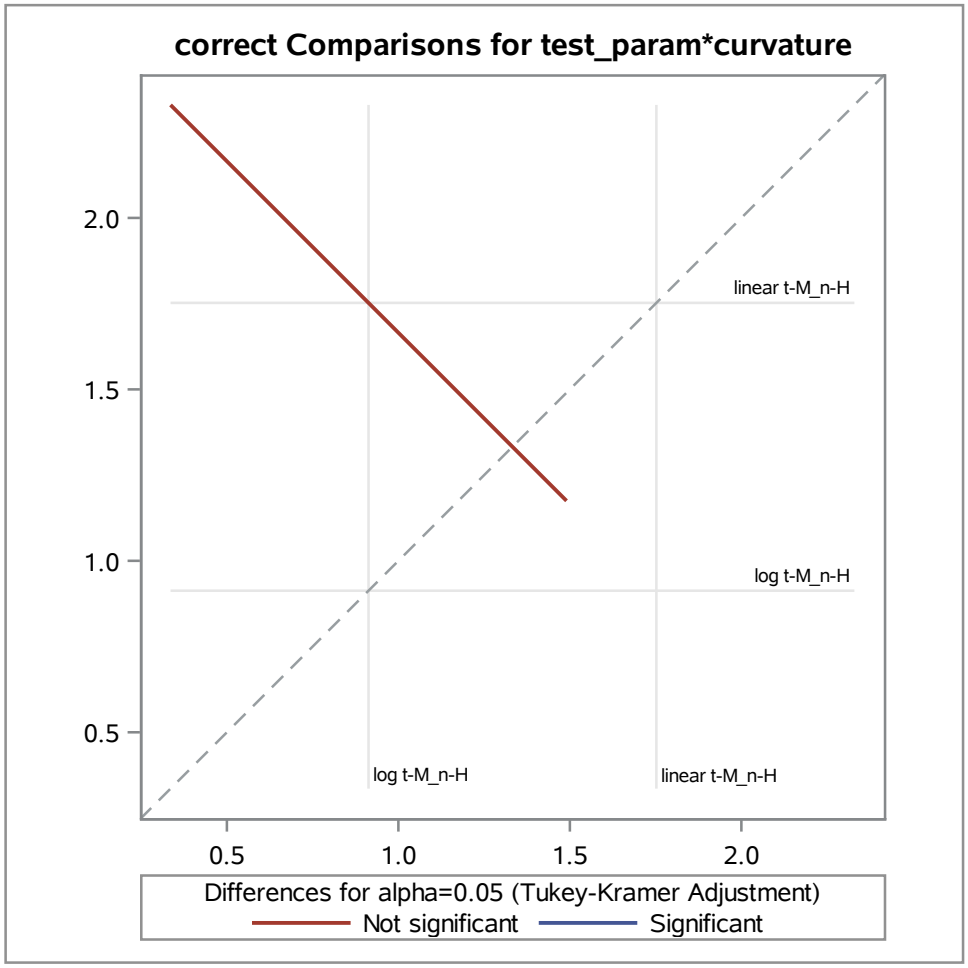


Tukey-Kramer Grouping for test_param*curvature Least Squares Means Slice (Alpha=0.05)			
LS-means with the same letter are not significantly different.			
Slice	**test_param**	**Estimate**	
curvature t-E_n-M	log	2.6217	A
curvature t-E_n-M			
curvature t-E_n-M	linear	0.5716	B

F Test for test_param*curvature Least Squares Means Slice				
Slice	**Num DF**	**Den DF**	**F Value**	**Pr > F**
curvature t-M_n-H	1	419	2.04	0.1538

The GLIMMIX Procedure

Simple Differences of test_param*curvature Least Squares Means Adjustment for Multiple Comparisons: Tukey-Kramer								
Slice	**test_param**	**_test_param**	**Estimate**	**Standard Error**	**DF**	**t Value**	**Pr > |t|**	**Adj P**
curvature t-M_n-H	log	linear	-0.8393	0.5874	419	-1.43	0.1538	0.1538

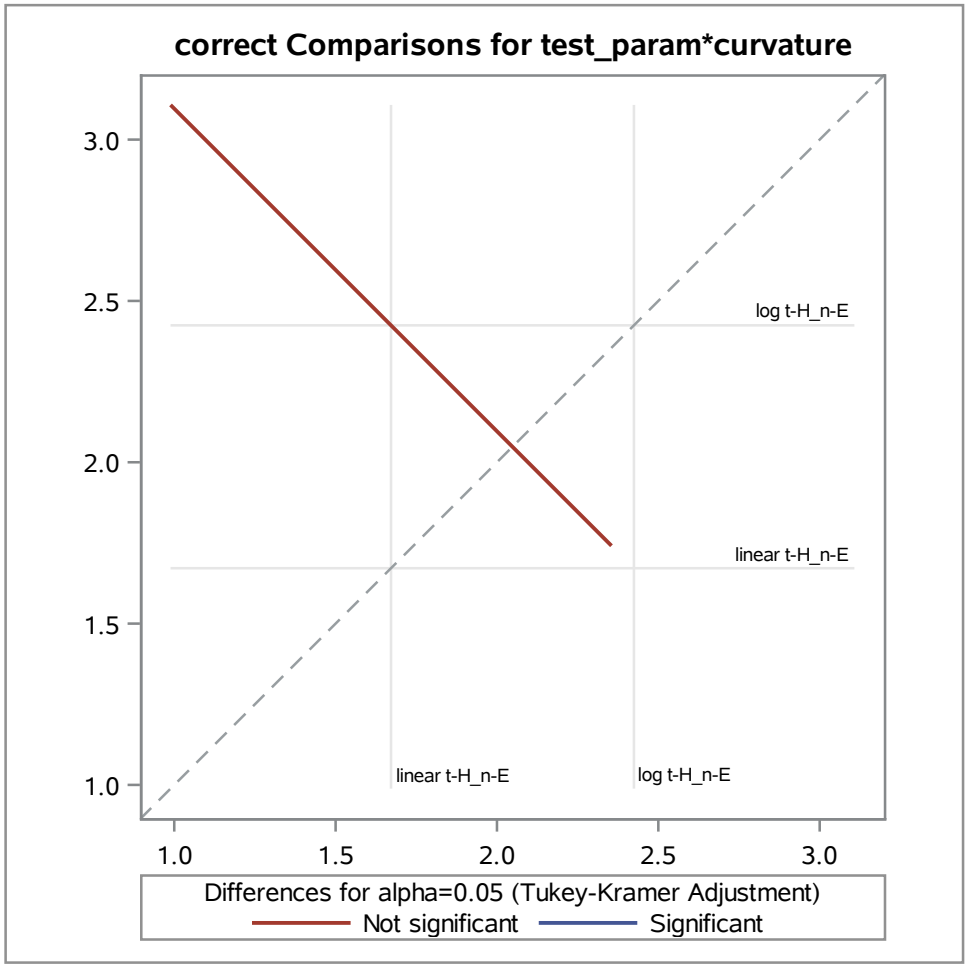


Tukey-Kramer Grouping for test_param*curvature Least Squares Means Slice (Alpha=0.05)			
LS-means with the same letter are not significantly different.			
Slice	**test_param**	**Estimate**	
curvature t-M_n-H	linear	1.7523	A
curvature t-M_n-H			A
curvature t-M_n-H	log	0.9130	A

F Test for test_param*curvature Least Squares Means Slice				
Slice	**Num DF**	**Den DF**	**F Value**	**Pr > F**
curvature t-H_n-E	1	419	1.17	0.2795

The GLIMMIX Procedure

Simple Differences of test_param*curvature Least Squares Means Adjustment for Multiple Comparisons: Tukey-Kramer								
Slice	**test_param**	**_test_param**	**Estimate**	**Standard Error**	**DF**	**t Value**	**Pr > |t|**	**Adj P**
curvature t-H_n-E	log	linear	0.7527	0.6951	419	1.08	0.2795	0.2795

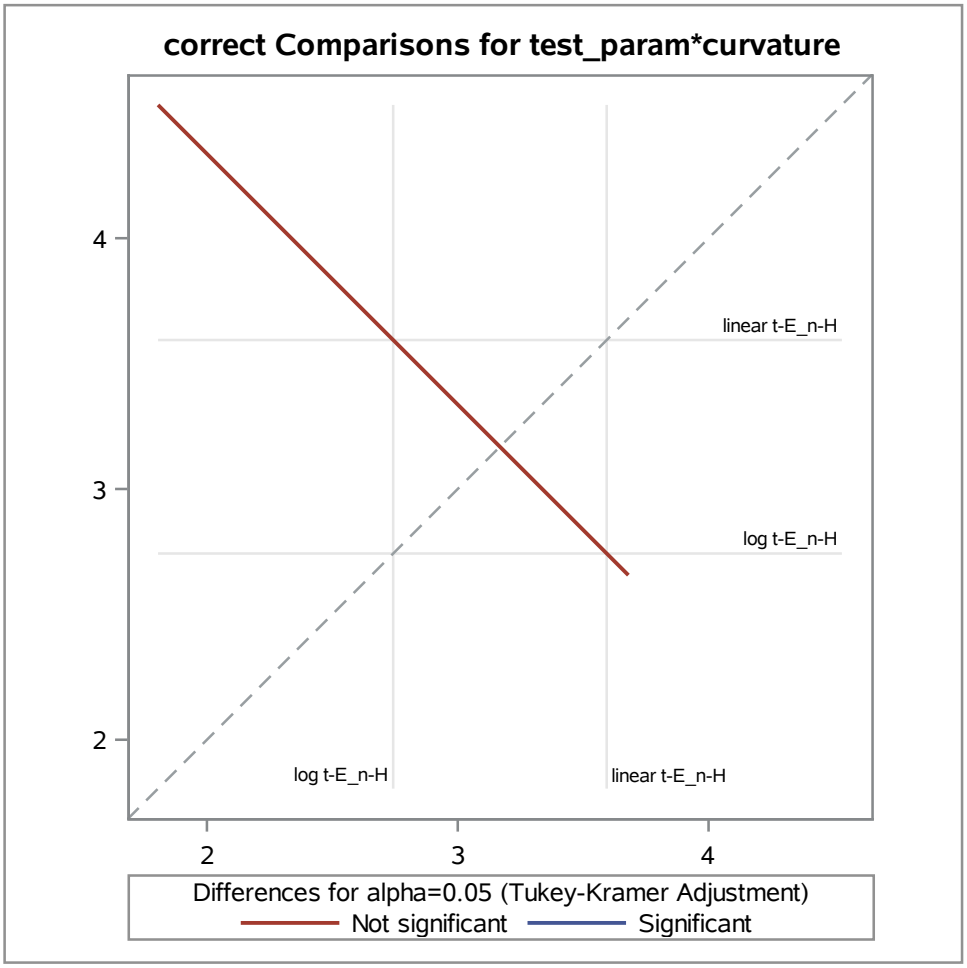


Tukey-Kramer Grouping for test_param*curvature Least Squares Means Slice (Alpha=0.05)			
LS-means with the same letter are not significantly different.			
Slice	**test_param**	**Estimate**	
curvature t-H_n-E	log	2.4243	A
curvature t-H_n-E			A
curvature t-H_n-E	linear	1.6716	A

F Test for test_param*curvature Least Squares Means Slice				
Slice	**Num DF**	**Den DF**	**F Value**	**Pr > F**
curvature t-E_n-H	1	419	0.80	0.3727

The GLIMMIX Procedure

Simple Differences of test_param*curvature Least Squares Means Adjustment for Multiple Comparisons: Tukey-Kramer								
Slice	**test_param**	**_test_param**	**Estimate**	**Standard Error**	**DF**	**t Value**	**Pr > |t|**	**Adj P**
curvature t-E_n-H	log	linear	-0.8513	0.9540	419	-0.89	0.3727	0.3727

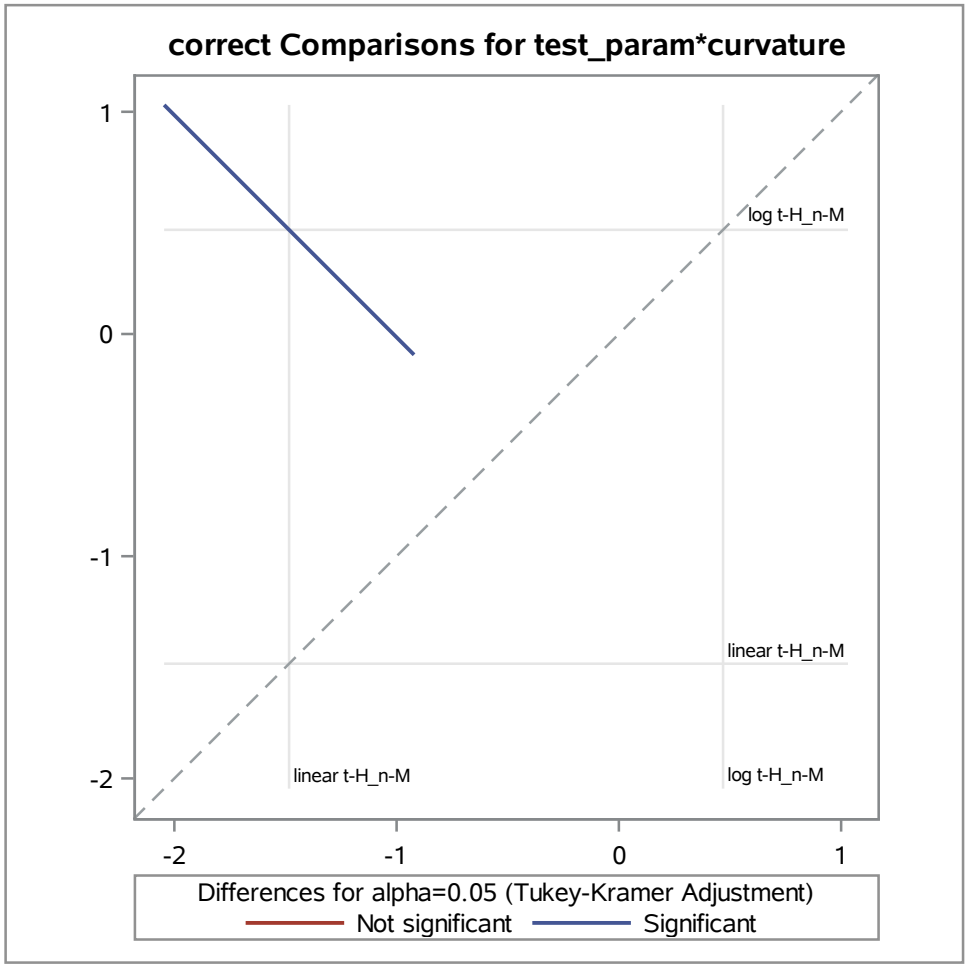


Tukey-Kramer Grouping for test_param*curvature Least Squares Means Slice (Alpha=0.05)			
LS-means with the same letter are not significantly different.			
Slice	**test_param**	**Estimate**	
curvature t-E_n-H	linear	3.5939	A
curvature t-E_n-H			A
curvature t-E_n-H	log	2.7426	A

F Test for test_param*curvature Least Squares Means Slice				
Slice	**Num DF**	**Den DF**	**F Value**	**Pr > F**
curvature t-H_n-M	1	419	11.65	0.0007

The GLIMMIX Procedure

Simple Differences of test_param*curvature Least Squares Means Adjustment for Multiple Comparisons: Tukey-Kramer								
Slice	**test_param**	**_test_param**	**Estimate**	**Standard Error**	**DF**	**t Value**	**Pr > |t|**	**Adj P**
curvature t-H_n-M	log	linear	1.9524	0.5720	419	3.41	0.0007	0.0007

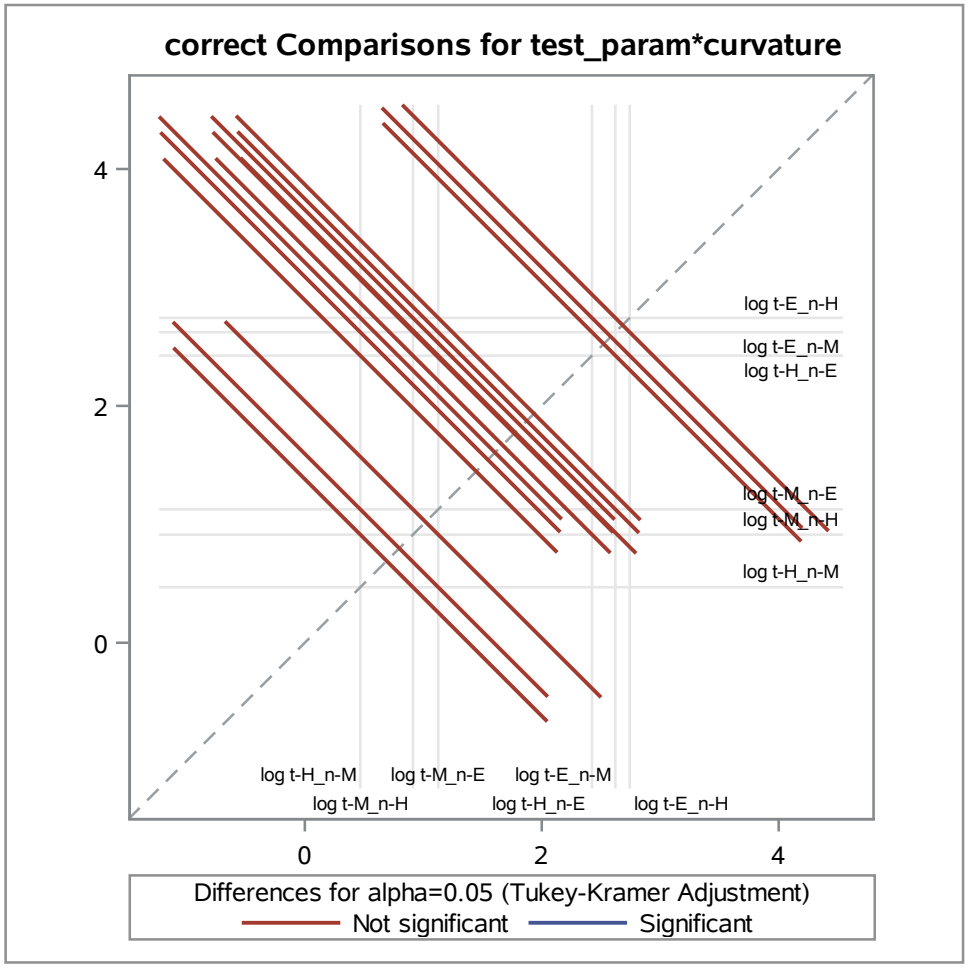


Tukey-Kramer Grouping for test_param*curvature Least Squares Means Slice (Alpha=0.05)			
LS-means with the same letter are not significantly different.			
Slice	**test_param**	**Estimate**	
curvature t-H_n-M	log	0.4687	A
curvature t-H_n-M			
curvature t-H_n-M	linear	-1.4837	B

F Test for test_param*curvature Least Squares Means Slice				
Slice	**Num DF**	**Den DF**	**F Value**	**Pr > F**
test_param log	5	419	1.42	0.2173

The GLIMMIX Procedure

Simple Differences of test_param*curvature Least Squares Means Adjustment for Multiple Comparisons: Tukey-Kramer								
Slice	curvature	_curvature	Estimate	Standard Error	DF	t Value	Pr > |t|	Adj P
test_param log	t-M_n-E	t-E_n-M	-1.4953	1.1837	419	-1.26	0.2072	0.8048
test_param log	t-M_n-E	t-M_n-H	0.2134	1.1087	419	0.19	0.8475	1.0000
test_param log	t-M_n-E	t-H_n-E	-1.2980	1.1664	419	-1.11	0.2664	0.8760
test_param log	t-M_n-E	t-E_n-H	-1.6163	1.1923	419	-1.36	0.1760	0.7535
test_param log	t-M_n-E	t-H_n-M	0.6577	1.1053	419	0.60	0.5521	0.9913
test_param log	t-E_n-M	t-M_n-H	1.7087	1.1805	419	1.45	0.1485	0.6978
test_param log	t-E_n-M	t-H_n-E	0.1974	1.2335	419	0.16	0.8730	1.0000
test_param log	t-E_n-M	t-E_n-H	-0.1209	1.2570	419	-0.10	0.9234	1.0000
test_param log	t-E_n-M	t-H_n-M	2.1530	1.1787	419	1.83	0.0685	0.4497
test_param log	t-M_n-H	t-H_n-E	-1.5114	1.1640	419	-1.30	0.1948	0.7858
test_param log	t-M_n-H	t-E_n-H	-1.8297	1.1893	419	-1.54	0.1247	0.6396
test_param log	t-M_n-H	t-H_n-M	0.4443	1.1021	419	0.40	0.6871	0.9986
test_param log	t-H_n-E	t-E_n-H	-0.3183	1.2393	419	-0.26	0.7974	0.9998
test_param log	t-H_n-E	t-H_n-M	1.9557	1.1608	419	1.68	0.0928	0.5427
test_param log	t-E_n-H	t-H_n-M	2.2740	1.1871	419	1.92	0.0561	0.3940



The GLIMMIX Procedure

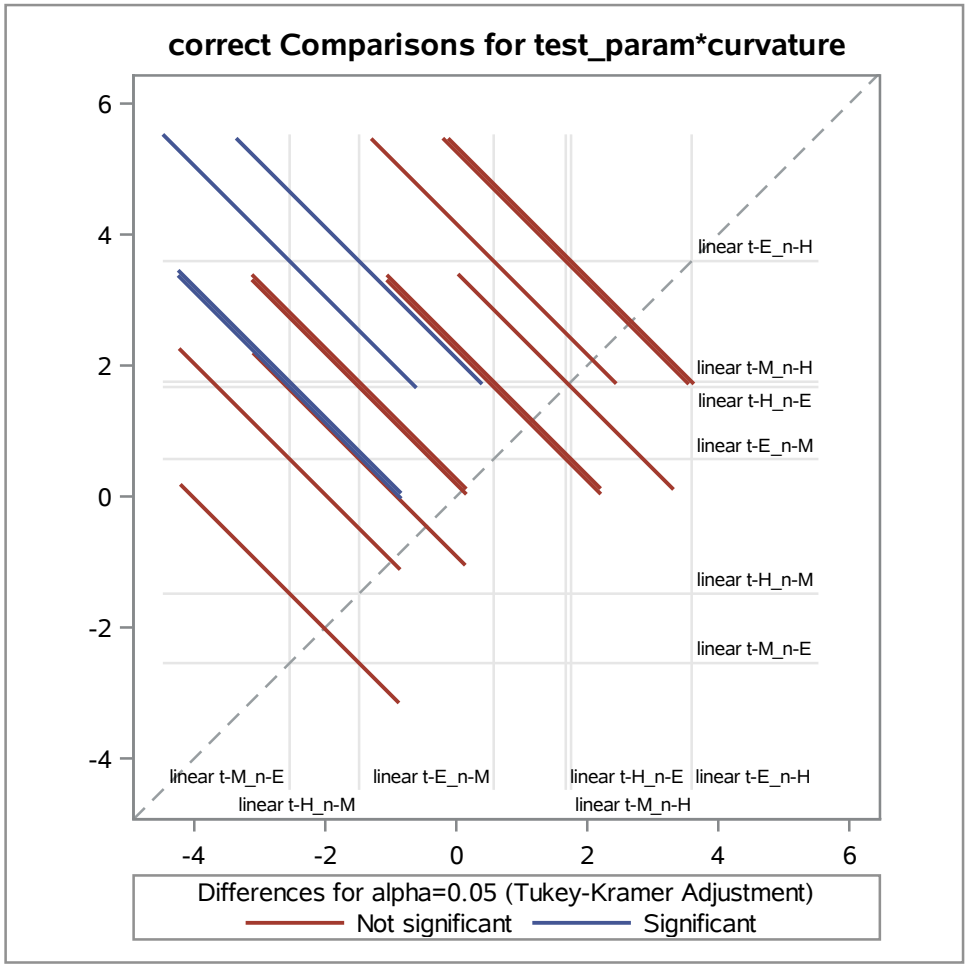
Tukey-Kramer Grouping for test_param*curvature Least Squares Means Slice (Alpha=0.05)			
LS-means with the same letter are not significantly different.			
Slice	**curvature**	**Estimate**	
test_param log	t-E_n-H	2.7426	A
test_param log			A
test_param log	t-E_n-M	2.6217	A
test_param log			A
test_param log	t-H_n-E	2.4243	A
test_param log			A
test_param log	t-M_n-E	1.1264	A
test_param log			A
test_param log	t-M_n-H	0.9130	A
test_param log			A
test_param log	t-H_n-M	0.4687	A

F Test for test_param*curvature Least Squares Means Slice				
Slice	**Num DF**	**Den DF**	**F Value**	**Pr > F**
test_param linear	5	419	6.21	<.0001

Simple Differences of test_param*curvature Least Squares Means Adjustment for Multiple Comparisons: Tukey-Kramer								
Slice	**curvature**	**_curvature**	**Estimate**	**Standard Error**	**DF**	**t Value**	**Pr > |t|**	**Adj P**
test_param linear	t-M_n-E	t-E_n-M	-3.1158	1.1787	419	-2.64	0.0085	0.0893
test_param linear	t-M_n-E	t-M_n-H	-4.2964	1.1890	419	-3.61	0.0003	0.0045
test_param linear	t-M_n-E	t-H_n-E	-4.2158	1.1903	419	-3.54	0.0004	0.0059
test_param linear	t-M_n-E	t-E_n-H	-6.1381	1.3519	419	-4.54	<.0001	0.0001
test_param linear	t-M_n-E	t-H_n-M	-1.0605	1.1661	419	-0.91	0.3636	0.9440
test_param linear	t-E_n-M	t-M_n-H	-1.1806	1.1398	419	-1.04	0.3009	0.9057
test_param linear	t-E_n-M	t-H_n-E	-1.1000	1.1422	419	-0.96	0.3361	0.9293
test_param linear	t-E_n-M	t-E_n-H	-3.0223	1.3069	419	-2.31	0.0212	0.1912
test_param linear	t-E_n-M	t-H_n-M	2.0553	1.1325	419	1.81	0.0703	0.4573
test_param linear	t-M_n-H	t-H_n-E	0.08062	1.1489	419	0.07	0.9441	1.0000
test_param linear	t-M_n-H	t-E_n-H	-1.8417	1.3099	419	-1.41	0.1605	0.7235
test_param linear	t-M_n-H	t-H_n-M	3.2360	1.1432	419	2.83	0.0049	0.0547
test_param linear	t-H_n-E	t-E_n-H	-1.9223	1.3114	419	-1.47	0.1434	0.6863

The GLIMMIX Procedure

Simple Differences of test_param*curvature Least Squares Means Adjustment for Multiple Comparisons: Tukey-Kramer								
Slice	**curvature**	**_curvature**	**Estimate**	**Standard Error**	**DF**	**t Value**	**Pr > |t|**	**Adj P**
test_param linear	t-H_n-E	t-H_n-M	3.1553	1.1443	419	2.76	0.0061	0.0666
test_param linear	t-E_n-H	t-H_n-M	5.0776	1.3113	419	3.87	0.0001	0.0017



Tukey-Kramer Grouping for test_param*curvature Least Squares Means Slice (Alpha=0.05)					
LS-means with the same letter are not significantly different.					
Slice	**curvature**	**Estimate**			
test_param linear	t-E_n-H	3.5939		A	
test_param linear				A	
test_param linear	t-M_n-H	1.7523	B	A	
test_param linear			B	A	
test_param linear	t-H_n-E	1.6716	B	A	
test_param linear			B	A	
test_param linear	t-E_n-M	0.5716	B	A	C
test_param linear			B		C
test_param linear	t-H_n-M	-1.4837	B		C

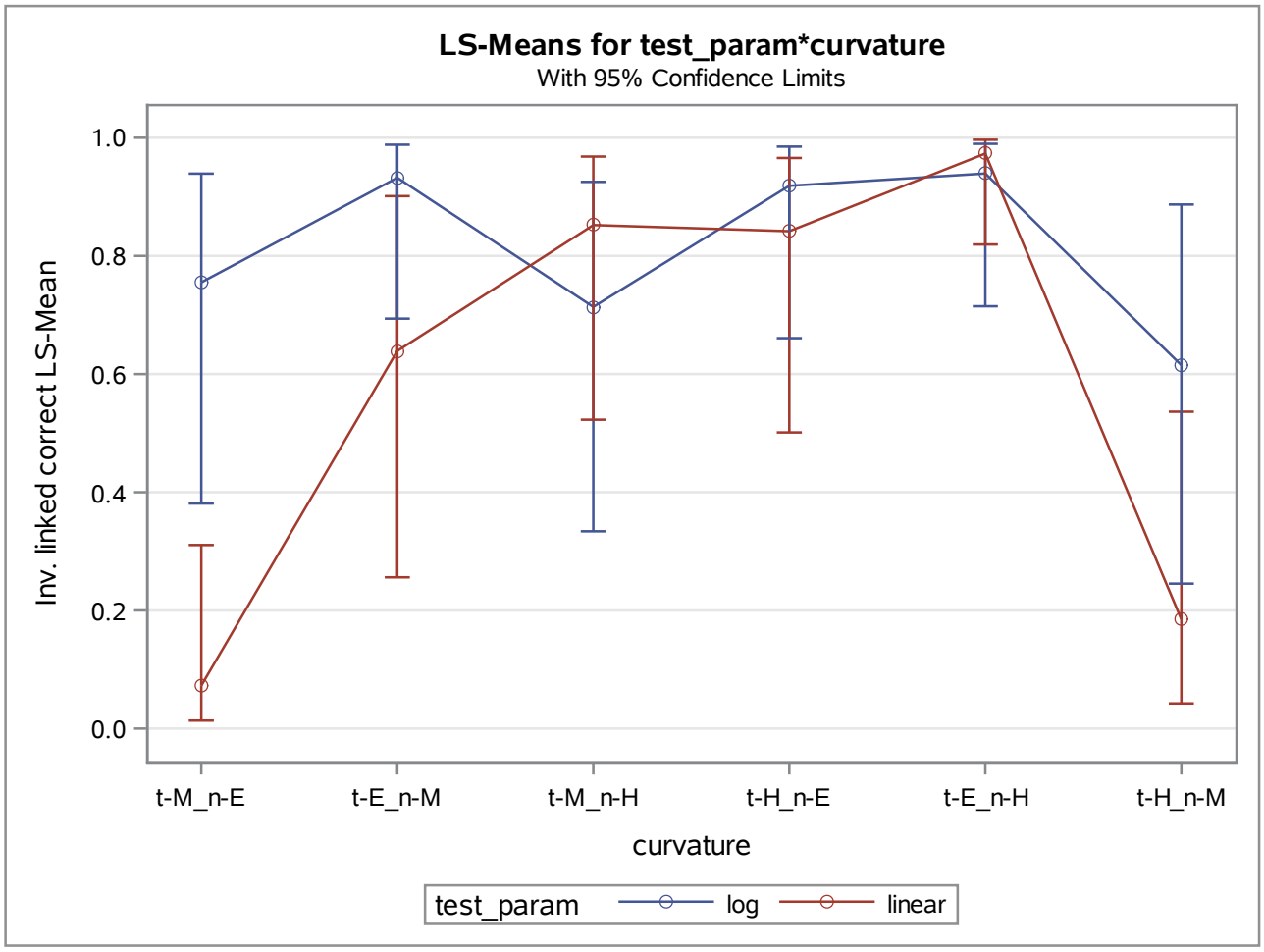
The GLIMMIX Procedure

Tukey-Kramer Grouping for test_param*curvature Least Squares Means Slice (Alpha=0.05)					
LS-means with the same letter are not significantly different.					
Slice	**curvature**	**Estimate**			
test_param linear					C
test_param linear	t-M_n-E	-2.5442			C

test_param*curvature Least Squares Means													
test_param	**curvature**	**Estimate**	**Standard Error**	**DF**	**t Value**	**Pr > |t|**	**Alpha**	**Lower**	**Upper**	**Mean**	**Standard Error Mean**	**Lower Mean**	**Upper Mean**
log	t-M_n-E	1.1264	0.8200	419	1.37	0.1703	0.05	-0.4856	2.7383	0.7552	0.1516	0.3809	0.9392
log	t-E_n-M	2.6217	0.9176	419	2.86	0.0045	0.05	0.8181	4.4253	0.9322	0.05796	0.6938	0.9882
log	t-M_n-H	0.9130	0.8158	419	1.12	0.2637	0.05	-0.6906	2.5165	0.7136	0.1667	0.3339	0.9253
log	t-H_n-E	2.4243	0.8941	419	2.71	0.0070	0.05	0.6668	4.1819	0.9187	0.06681	0.6608	0.9850
log	t-E_n-H	2.7426	0.9280	419	2.96	0.0033	0.05	0.9186	4.5667	0.9395	0.05275	0.7148	0.9897
log	t-H_n-M	0.4687	0.8101	419	0.58	0.5632	0.05	-1.1236	2.0610	0.6151	0.1918	0.2453	0.8871
linear	t-M_n-E	-2.5442	0.8888	419	-2.86	0.0044	0.05	-4.2913	-0.7971	0.07282	0.06001	0.01350	0.3107
linear	t-E_n-M	0.5716	0.8335	419	0.69	0.4932	0.05	-1.0667	2.2100	0.6391	0.1922	0.2560	0.9011
linear	t-M_n-H	1.7523	0.8450	419	2.07	0.0387	0.05	0.09129	3.4132	0.8522	0.1064	0.5228	0.9681
linear	t-H_n-E	1.6716	0.8479	419	1.97	0.0493	0.05	0.004933	3.3384	0.8418	0.1129	0.5012	0.9657
linear	t-E_n-H	3.5939	1.0591	419	3.39	0.0008	0.05	1.5120	5.6758	0.9732	0.02758	0.8194	0.9966
linear	t-H_n-M	-1.4837	0.8288	419	-1.79	0.0742	0.05	-3.1128	0.1455	0.1849	0.1249	0.04258	0.5363

test_param*curvature Least Squares Means				
test_param	**curvature**	**Odds**	**Lower Odds**	**Upper Odds**
log	t-M_n-E	3.0844	0.6154	15.4599
log	t-E_n-M	13.7590	2.2662	83.5357
log	t-M_n-H	2.4917	0.5013	12.3848
log	t-H_n-E	11.2947	1.9480	65.4882
log	t-E_n-H	15.5277	2.5058	96.2215
log	t-H_n-M	1.5979	0.3251	7.8536
linear	t-M_n-E	0.07854	0.01369	0.4507
linear	t-E_n-M	1.7711	0.3441	9.1153
linear	t-M_n-H	5.7677	1.0956	30.3637
linear	t-H_n-E	5.3209	1.0049	28.1729
linear	t-E_n-H	36.3769	4.5360	291.73
linear	t-H_n-M	0.2268	0.04447	1.1566

The GLIMMIX Procedure



Conservative T Grouping for test_param*curvature Least Squares Means (Alpha=0.05)

LS-means with the same letter are not significantly different.

test_param	curvature	Estimate		
linear	t-E_n-H	3.5939		A
				A
log	t-E_n-H	2.7426	B	A
			B	A
log	t-E_n-M	2.6217	B	A
			B	A
log	t-H_n-E	2.4243	B	A
			B	A
linear	t-M_n-H	1.7523	B	A
			B	A

The LINES display does not reflect all significant comparisons.
The following additional pairs are significantly different: (log t-E_n-M,linear t-E_n-M), (log t-H_n-M,linear t-H_n-M).

The GLIMMIX Procedure

Conservative T Grouping for test_param*curvature Least Squares Means (Alpha=0.05)				
LS-means with the same letter are not significantly different.				
test_param	**curvature**	**Estimate**		
linear	t-H_n-E	1.6716	B	A
			B	A
log	t-M_n-E	1.1264	B	A
			B	
log	t-M_n-H	0.9130	B	
			B	
linear	t-E_n-M	0.5716	B	C
			B	C
log	t-H_n-M	0.4687	B	C
				C
linear	t-H_n-M	-1.4837	D	C
			D	
linear	t-M_n-E	-2.5442	D	
The LINES display does not reflect all significant comparisons. The following additional pairs are significantly different: (log t-E_n-M,linear t-E_n-M), (log t-H_n-M,linear t-H_n-M).				

The GLIMMIX Procedure

Simple Effect Comparisons of test_param*curvature Least Squares Means By curvature
Adjustment for Multiple Comparisons: Tukey-Kramer

Simple Effect Level	test_param	_test_param	Estimate	Standard Error	DF	t Value	Pr > |t|	Adj P	Alpha	Lower	Upper	Adj Lower	Adj Upper
curvature t-M_n-E	log	linear	3.6705	0.6743	419	5.44	<.0001	<.0001	0.05	2.3452	4.9959	2.3452	4.9959
curvature t-E_n-M	log	linear	2.0501	0.7014	419	2.92	0.0037	0.0037	0.05	0.6714	3.4288	0.6714	3.4288
curvature t-M_n-H	log	linear	-0.8393	0.5874	419	-1.43	0.1538	0.1538	0.05	-1.9939	0.3152	-1.9939	0.3152
curvature t-H_n-E	log	linear	0.7527	0.6951	419	1.08	0.2795	0.2795	0.05	-0.6136	2.1190	-0.6136	2.1190
curvature t-E_n-H	log	linear	-0.8513	0.9540	419	-0.89	0.3727	0.3727	0.05	-2.7265	1.0239	-2.7265	1.0239
curvature t-H_n-M	log	linear	1.9524	0.5720	419	3.41	0.0007	0.0007	0.05	0.8280	3.0767	0.8280	3.0767

Simple Effect Comparisons of test_param*curvature Least Squares Means By curvature
Adjustment for Multiple Comparisons: Tukey-Kramer

Simple Effect Level	test_param	_test_param	Odds Ratio	Lower Odds Ratio	Upper Odds Ratio	Adj Lower Odds Ratio	Adj Upper Odds Ratio
curvature t-M_n-E	log	linear	39.272	10.435	147.799	10.435	147.799
curvature t-E_n-M	log	linear	7.768	1.957	30.839	1.957	30.839
curvature t-M_n-H	log	linear	0.432	0.136	1.371	0.136	1.371
curvature t-H_n-E	log	linear	2.123	0.541	8.323	0.541	8.323
curvature t-E_n-H	log	linear	0.427	0.065	2.784	0.065	2.784
curvature t-H_n-M	log	linear	7.045	2.289	21.687	2.289	21.687