Table format: Column		Group A P1_F_E Y	Group B P1_U_E Y	Group C P1_F_I Y	Group D P1_U_I Y	Group E P1_F_U Y	Group F P1_U_U Y
1	Titl	4.0	3	4.0	4	4	2
2	Titl	4.0	3	4.0	4	4	3
3	Titl	3.5	2	3.5	2	5	3
4	Titl	3.0	4	4.0	4	4	3
5	Titl	4.0	2	5.0	3	4	3
6	Titl	3.0	4	3.0	4	4	2
7	Titl	3.0	3	3.0	4	5	3
8	Titl	4.0	2	5.0	4	5	3
9	Titl	4.0	3	3.0	2	5	4
10	Titl	3.0	4	4.0	3	4	4
11	Titl	5.0	3	4.0	4	5	3
12	Titl	4.0	4	4.0	5	4	2
13	Titl	4.0	5	3.0	5	2	4
14	Titl	4.0	5	4.0	4	4	4
15	Titl	2.0	5	3.0	5	4	2
16	Titl	3.0	4	4.0	5	4	2
17	Titl	3.0	4	4.0	3	3	3
18	Titl	3.0	2	4.0	3	2	4
19	Titl	3.0	4	5.0	5	5	2
20	Titl	4.0	4	4.0	5	3	3
21	Titl	3.0	3	4.0	3	4	2
22	Titl	4.0	3	4.0	3	2	3
23	Titl	4.0	5	4.0	5	4	1
24	Titl	3.0	3	2.0	4	2	3
25	Titl	2.0	5	4.0	5	2	5
26	Titl		3		5		3
27	Titl		5		5		3

Table format:		Group A	Group B	Group C	Group D	Group E	Group F
Column		P1_F_E	P1_U_E	P1_F_I	P1_U_I	P1_F_U	P1_U_U
	✕	Y	Y	Y	Y	Y	Y
28	Titl		3		4		2

Ordinary one-way ANOVA ANOVA					
1	Table Analyzed	P1_ratings				
2	Data sets analyzed	A : P1_F_E	B : P1_U_E	C : P1_F_I	D : P1_U_I	E : P1_F_U
3						
4	ANOVA summary					
5	F	5.232				
6	P value	0.0002				
7	P value summary	***				
8	Significant diff. among means (P < 0.05)?	Yes				
9	R square	0.146				
10						
11	Brown-Forsythe test					
12	F (DFn, DFd)	1.665 (5, 153)				
13	P value	0.1463				
14	P value summary	ns				
15	Are SDs significantly different (P < 0.05)?	No				
16						
17	Bartlett's test					
18	Bartlett's statistic (corrected)	7.205				
19	P value	0.2058				
20	P value summary	ns				
21	Are SDs significantly different (P < 0.05)?	No				
22						
23	ANOVA table	SS	DF	MS	F (DFn, DFd)	P value
24	Treatment (between columns)	20.77	5	4.154	F (5, 153) = 5.232	P=0.0002
25	Residual (within columns)	121.5	153	0.7941		
26	Total	142.3	158			
27						

	Ordinary one-way ANOVA ANOVA					
28	Data summary					
29	Number of treatments (columns)	6				
30	Number of values (total)	159				

	Ordinary one-way ANOVA Multiple comparisons						
1	Number of families	1					
2	Number of comparisons per family	3					
3	Alpha	0.05					
4							
5	Sidak's multiple comparisons test	Mean Diff.	95.00% CI of diff.	Significant?	Summary	Adjusted P Value	
6							
7	P1_F_E vs. P1_U_E	-0.1114	-0.7034 to 0.4805	No	ns	0.9572	A-B
8	P1_F_I vs. P1_U_I	-0.18	-0.772 to 0.412	No	ns	0.8460	C-D
9	P1_F_U vs. P1_U_U	0.8671	0.2752 to 1.459	Yes	**	0.0016	E-F
10							
11							
12	Test details	Mean 1	Mean 2	Mean Diff.	SE of diff.	n1	n2
13							
14	P1_F_E vs. P1_U_E	3.46	3.571	-0.1114	0.2452	25	28
15	P1_F_I vs. P1_U_I	3.82	4	-0.18	0.2452	25	28
16	P1_F_U vs. P1_U_U	3.76	2.893	0.8671	0.2452	25	28

t	DF	
0.4544	153	
0.7341	153	
3.536	153	

Ordinary one-way ANOVA Descriptive Statistics		P1_F_E	P1_U_E	P1_F_I	P1_U_I	P1_F_U	P1_U_U
1	Number of values	25	28	25	28	25	28
2							
3	Minimum	2	2	2	2	2	1
4	25% Percentile	3	3	3.25	3	3	2
5	Median	3.5	3.5	4	4	4	3
6	75% Percentile	4	4	4	5	4.5	3
7	Maximum	5	5	5	5	5	5
8							
9	Mean	3.46	3.571	3.82	4	3.76	2.893
10	Std. Deviation	0.7059	0.9974	0.6904	0.9428	1.052	0.8751
11	Std. Error of Mean	0.1412	0.1885	0.1381	0.1782	0.2104	0.1654
12							
13	Lower 95% CI	3.169	3.185	3.535	3.634	3.326	2.554
14	Upper 95% CI	3.751	3.958	4.105	4.366	4.194	3.232