

Table format:		Group A	Group B	Group C	Group D	Group E	Group F
Column		P4_F_E	P4_U_E	P4_F_I	P4_U_I	P4_F_U	P4_U_U
	✕	Y	Y	Y	Y	Y	Y
1	Ttt	5	5	5	5	4	2
2	Ttt	5	4	4	4	1	3
3	Ttt	5	4	4	3	5	4
4	Ttt	5	4	5	4	4	4
5	Ttt	5	5	4	4	3	2
6	Ttt	5	5	5	2	3	2
7	Ttt	5	5	5	4	4	3
8	Ttt	3	5	3	5	3	5
9	Ttt	5	5	5	2	4	2
10	Ttt	5	4	4	3	4	2
11	Ttt	3	5	3	5	2	4
12	Ttt	4	3	3	3	4	5
13	Ttt	4	5	4	5	4	2
14	Ttt	5	3	4	4	5	2
15	Ttt	5	4	5	4	2	3
16	Ttt	5	5	4	4	3	4
17	Ttt	5	5	3	5	3	3
18	Ttt	3	5	4	4	4	4
19	Ttt	5	5	5	5	3	4
20	Ttt	5	5	5	5	5	2
21	Ttt	5	4	5	4	1	4
22	Ttt	4	5	3	4	4	4
23	Ttt	5	4	5	4	3	3
24	Ttt	5	5	4	5	4	3
25	Ttt	4	5	3	4	2	3
26	Ttt	5		3		4	
27	Ttt	5		5		4	

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		P4_F_E	P4_U_E	P4_F_I	P4_U_I	P4_F_U	P4_U_U
	✕	Y	Y	Y	Y	Y	Y
28	Titl	5		5		3	

Kruskal-Wallis test ANOVA		
1	Table Analyzed	P4_ratings
2		
3	Kruskal-Wallis test	
4	P value	<0.0001
5	Exact or approximate P value?	Approximate
6	P value summary	****
7	Do the medians vary signif. (P < 0.05)?	Yes
8	Number of groups	6
9	Kruskal-Wallis statistic	47.84
10		
11	Data summary	
12	Number of treatments (columns)	6
13	Number of values (total)	159

Kruskal-Wallis test Multiple comparisons						
1	Number of families	1				
2	Number of comparisons per family	3				
3	Alpha	0.05				
4						
5	Dunn's multiple comparisons test	Mean rank diff.	Significant?	Summary	Adjusted P Value	
6						
7	P4_F_E vs. P4_U_E	5.157	No	ns	>0.9999	A-B
8	P4_F_I vs. P4_U_I	5.859	No	ns	>0.9999	C-D
9	P4_F_U vs. P4_U_U	9.616	No	ns	>0.9999	E-F
10						
11						
12	Test details	Mean rank 1	Mean rank 2	Mean rank diff.	n1	n2
13						
14	P4_F_E vs. P4_U_E	109.9	104.7	5.157	28	25
15	P4_F_I vs. P4_U_I	85.68	79.82	5.859	28	25
16	P4_F_U vs. P4_U_U	54.2	44.58	9.616	28	25

Kruskal-Wallis test Descriptive Statistics							
		P4_F_E	P4_U_E	P4_F_I	P4_U_I	P4_F_U	P4_U_U
1	Number of values	28	25	28	25	28	25
2							
3	Minimum	3	3	3	2	1	2
4	25% Percentile	4.25	4	3.25	4	3	2
5	Median	5	5	4	4	4	3
6	75% Percentile	5	5	5	5	4	4
7	Maximum	5	5	5	5	5	5
8							
9	Mean	4.643	4.56	4.179	4.04	3.393	3.16
10	Std. Deviation	0.6785	0.6506	0.8189	0.8888	1.066	0.9866
11	Std. Error of Mean	0.1282	0.1301	0.1548	0.1778	0.2014	0.1973
12							
13	Lower 95% CI	4.38	4.291	3.861	3.673	2.98	2.753
14	Upper 95% CI	4.906	4.829	4.496	4.407	3.806	3.567
15							
16	Mean ranks	109.9	104.7	85.68	79.82	54.2	44.58