

	Group A	Group B	Group C	Group D	Group E	Group F
	EN (Fam)	EN (Unfam)	IN (Fam)	IN (Unfam)	UN (Fam)	UN (Unfam)
	Familiar	Familiar	Familiar	Familiar	Familiar	Familiar
1	4.0	3.0	4.0	4	4	2
2	4.0	3.0	4.0	4	4	3
3	3.5	2.0	3.5	2	5	3
4	3.0	4.0	3.0	4	4	3
5	4.0	2.0	4.0	3	4	3
6	3.0	4.0	3.0	4	4	2
7	3.0	3.0	3.0	4	5	3
8	4.0	2.0	4.0	4	5	3
9	4.0	3.0	4.0	2	5	4
10	3.0	4.0	3.0	3	4	4
11	5.0	3.0	5.0	4	5	3
12	4.0	4.0	4.0	5	4	2
13	4.0	5.0	4.0	5	2	4
14	4.0	5.0	4.0	4	4	4
15	2.0	5.0	2.0	5	4	2
16	3.0	4.0	3.0	5	4	2
17	3.0	4.0	3.0	3	3	3
18	3.0	2.0	3.0	3	2	4
19	3.0	4.0	3.0	5	5	2
20	4.0	4.0	4.0	5	3	3
21	3.0	3.0	3.0	3	4	2
22	4.0	3.0	4.0	3	2	3
23	4.0	5.0	4.0	5	4	1
24	3.0	3.0	3.0	4	2	3
25	2.0	5.0	2.0	5	2	5
26	2.0	3.0	3.0	5	2	3
27	3.0	5.0	3.0	5	1	3
28	3.0	3.0	3.0	4	5	2
29	1.0	2.0	2.0	3	2	2
30	3.0	2.0	4.0	2	2	2
31	4.0	1.0	5.0	2	3	4
32	4.0	3.0	4.0	3	4	2
33	1.0	2.0	2.0	4	3	1
34	5.0	2.0	5.0	2	4	1
35	4.0	4.0	3.0	4	3	2
36	1.0	4.0	2.0	3	1	3
37	5.0	2.0	4.0	3	3	3
38	4.0	3.0	3.0	3	4	2
39	5.0	4.0	4.0	3	5	4
40	3.0	3.0	4.0	3	2	5
41	4.0	4.0	4.0	4	4	1
42	3.0	3.0	4.0	2	3	1

	Group A	Group B	Group C	Group D	Group E	Group F
	EN (Fam)	EN (Unfam)	IN (Fam)	IN (Unfam)	UN (Fam)	UN (Unfam)
	Familiar	Familiar	Familiar	Familiar	Familiar	Familiar
43	2.0	2.0	4.0	2	3	3
44	3.0	4.0	4.0	4	2	4
45	5.0	3.0	4.0	4	5	4
46	2.0	3.0	2.0	4	1	2
47	3.0	5.0	3.0	5	3	4
48	4.0	3.0	4.0	3	3	2
49	4.0	4.0	4.0	3	4	3
50	4.0	3.0	4.0	3	3	2
51	4.0	4.0	3.0	3	4	3
52	5.0	2.0	5.0	3	5	3
53	2.0	4.0	2.0	4	3	3
54	4.0	3.0	4.0	3	5	3
55	3.0	2.0	3.0	3	4	3
56	4.0	5.0	4.0	4	5	3
57	5.0	5.0	4.0	4	4	4
58	5.0	4.0	5.0	3	4	3
59	4.0	4.0	3.0	3	4	3
60	3.0	4.0	2.0	4	4	4
61	4.0	3.0	5.0	3	5	3
62	4.0	4.0	5.0	4	5	4
63	5.0	5.0	4.0	4	5	4
64	5.0	4.0	5.0	4	5	4
65	5.0	5.0	5.0	4	5	2
66	4.0	5.0	3.0	5	2	5
67	2.0	5.0	1.0	3	4	4
68	4.0	5.0	3.0	5	4	2
69	2.0	4.0	2.0	4	4	2
70	5.0	4.0	4.0	4	3	3
71	5.0	4.0	4.0	4	4	4
72	5.0	5.0	4.0	5	5	5
73	5.0	3.0	4.0	2	3	3
74	4.0	4.0	3.0	4	4	2
75	5.0	4.0	4.0	2	3	3
76	4.0	5.0	3.0	5	3	3
77	4.0	4.0	4.0	5	3	3
78	4.0	5.0	4.0	5	3	5
79	5.0	4.0	5.0	3	4	3
80	5.0	5.0	4.0	4	1	4
81	5.0	4.0	4.0	3	5	3
82	5.0	5.0	5.0	5	4	2
83	5.0	4.0	4.0	4	3	3
84	5.0	4.0	5.0	3	3	4

	Group A	Group B	Group C	Group D	Group E	Group F
	EN (Fam)	EN (Unfam)	IN (Fam)	IN (Unfam)	UN (Fam)	UN (Unfam)
	Familiar	Familiar	Familiar	Familiar	Familiar	Familiar
85	5.0	4.0	5.0	4	4	4
86	3.0	5.0	3.0	4	3	2
87	5.0	5.0	5.0	2	4	2
88	5.0	5.0	4.0	4	4	3
89	3.0	5.0	3.0	5	2	5
90	4.0	5.0	3.0	2	4	2
91	4.0	4.0	4.0	3	4	2
92	5.0	5.0	4.0	5	5	4
93	5.0	3.0	5.0	3	2	5
94	5.0	5.0	4.0	5	3	2
95	5.0	3.0	3.0	4	3	2
96	3.0	4.0	4.0	4	4	3
97	5.0	5.0	5.0	4	3	4
98	5.0	5.0	5.0	5	5	3
99	5.0	5.0	5.0	4	1	4
100	4.0	5.0	3.0	5	4	4
101	5.0	5.0	5.0	5	3	2
102	5.0	4.0	4.0	4	4	4
103	4.0	5.0	3.0	4	2	4
104	5.0	4.0	3.0	4	4	3
105	5.0	5.0	5.0	5	4	3
106	5.0	5.0	5.0	4	3	3

Kruskal-Wallis test ANOVA		
1	Table Analyzed	Familiar vs unfamiliar
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	51.29
10		
11	Data summary	
12	Number of treatments (columns)	6
13	Number of values (total)	636

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	EN (Fam) vs. EN (Unfam)	11.2	No	ns	>0.9999	A-B
8	IN (Fam) vs. IN (Unfam)	-7.25	No	ns	>0.9999	C-D
9	UN (Fam) vs. UN (Unfam)	93.18	Yes	***	0.0004	E-F
10						
11						
12	Test details	Mean rank 1	Mean rank 2	Mean rank diff.	n1	n2
13						
14	EN (Fam) vs. EN (Unfam)	367.4	356.2	11.2	106	106
15	IN (Fam) vs. IN (Unfam)	328.7	336	-7.25	106	106
16	UN (Fam) vs. UN (Unfam)	307.9	214.7	93.18	106	106

Kruskal-Wallis test Descriptive Statistics						
		EN (Fam)	EN (Unfam)	IN (Fam)	IN (Unfam)	UN (Fam)
1	Number of values	106	106	106	106	106
2						
3	Minimum	1	1	1	2	1
4	25% Percentile	3	3	3	3	3
5	Median	4	4	4	4	4
6	75% Percentile	5	5	4	4	4
7	Maximum	5	5	5	5	5
8						
9	Mean	3.901	3.849	3.712	3.755	3.547
10	Std. Deviation	1.057	1.031	0.9127	0.9341	1.097
11	Std. Error of Mean	0.1026	0.1001	0.08865	0.09073	0.1065
12						
13	Lower 95% CI	3.697	3.651	3.536	3.575	3.336
14	Upper 95% CI	4.104	4.048	3.888	3.935	3.758
15						
16	Mean ranks	367.4	356.2	328.7	336	307.9

	UN (Unfam)
1	106
2	
3	1
4	2
5	3
6	4
7	5
8	
9	3.019
10	0.9854
11	0.09571
12	
13	2.829
14	3.209
15	
16	214.7