

Table S1. Statistical analysis for data of Figure 3. One Way ANOVA Figure 3A
Factor A: 11 Groups
S1, S2, S3, S4, S5, S6, S7, S8, S9, S10, S11

Analysis of Variance Results

Source	DF	SS	MS	F	P
Total	85	186788.76	2197.5148		
A	10	114990.43	11499.043	12.011814	< 0.0001
Error	75	71798.333	957.31111		

Bonferroni's All Pairs Comparison

Comparison	Mean Difference	t	P	95% CL
S1 vs S2	4.07286	0.2543	1	-51.252 to 59.397
S1 vs S3	13.6674	0.8264	1	-43.472 to 70.806
S1 vs S4	53.3732	3.3331	0.0735	-1.9514 to 108.7
S1 vs S5	53.2813	3.3273	0.0748	-2.0433 to 108.61
S1 vs S6	-50.7983	3.1723	0.1206	-106.12 to 4.5263
S1 vs S7	32.0249	1.9999	1	-23.3 to 87.35
S1 vs S8	53.4841	3.34	0.0719	-1.8406 to 108.81
S1 vs S9	-53.1547	3.3194	0.0767	-108.48 to 2.17
S1 vs S10	24.0136	1.4996	1	-31.311 to 79.338
S1 vs S11	32.0732	2.0029	1	-23.251 to 87.398
S2 vs S3	9.59449	0.5992	1	-45.73 to 64.919
S2 vs S4	49.3004	3.1868	0.1154	-4.1483 to 102.75
S2 vs S5	49.2085	3.1809	0.1175	-4.2402 to 102.66
S2 vs S6	-54.8712	3.5469	0.0372	-108.32 to -1.4225
S2 vs S7	27.952	1.8068	1	-25.497 to 81.401
S2 vs S8	49.4112	3.194	0.1129	-4.0375 to 102.86
S2 vs S9	-57.2275	3.6992	0.0225	-110.68 to -3.7789
S2 vs S10	19.9407	1.289	1	-33.508 to 73.389
S2 vs S11	28.0004	1.81	1	-25.448 to 81.449
S3 vs S4	39.7059	2.4796	0.8469	-15.619 to 95.03
S3 vs S5	39.614	2.4738	0.8596	-15.711 to 94.939
S3 vs S6	-64.4657	4.0258	0.0074	-119.79 to -9.1411
S3 vs S7	18.3575	1.1464	1	-36.967 to 73.682
S3 vs S8	39.8167	2.4865	0.8319	-15.508 to 95.141
S3 vs S9	-66.822	4.1729	0.0044	-122.15 to -11.497
S3 vs S10	10.3462	0.6461	1	-44.978 to 65.671
S3 vs S11	18.4059	1.1494	1	-36.919 to 73.73
S4 vs S5	-0.0918904	0.0059	1	-53.541 to 53.357
S4 vs S6	-104.172	6.7337	< 0.0001	-157.62 to -50.723
S4 vs S7	-21.3483	1.38	1	-74.797 to 32.1
S4 vs S8	0.110824	0.0072	1	-53.338 to 53.559
S4 vs S9	-106.528	6.886	< 0.0001	-159.98 to -53.079
S4 vs S10	-29.3597	1.8978	1	-82.808 to 24.089
S4 vs S11	-21.3	1.3768	1	-74.749 to 32.149

S5 vs S6	-104.08	6.7277	< 0.0001	-157.53 to -50.631
S5 vs S7	-21.2564	1.374	1	-74.705 to 32.192
S5 vs S8	0.202714	0.0131	1	-53.246 to 53.651
S5 vs S9	-106.436	6.8801	< 0.0001	-159.88 to -52.987
S5 vs S10	-29.2678	1.8919	1	-82.716 to 24.181
S5 vs S11	-21.2081	1.3709	1	-74.657 to 32.241
S6 vs S7	82.8232	5.3537	< 0.0001	29.375 to 136.27
S6 vs S8	104.282	6.7408	< 0.0001	50.834 to 157.73
S6 vs S9	-2.35634	0.1523	1	-55.805 to 51.092
S6 vs S10	74.8119	4.8359	0.0004	21.363 to 128.26
S6 vs S11	82.8715	5.3568	< 0.0001	29.423 to 136.32
S7 vs S8	21.4592	1.3871	1	-31.989 to 74.908
S7 vs S9	-85.1796	5.506	< 0.0001	-138.63 to -31.731
S7 vs S10	-8.01134	0.5179	1	-61.46 to 45.437
S7 vs S11	0.0483237	0.0031	1	-53.4 to 53.497
S8 vs S9	-106.639	6.8932	< 0.0001	-160.09 to -53.19
S8 vs S10	-29.4705	1.905	1	-82.919 to 23.978
S8 vs S11	-21.4108	1.384	1	-74.859 to 32.038
S9 vs S10	77.1682	4.9882	0.0002	23.72 to 130.62
S9 vs S11	85.2279	5.5092	< 0.0001	31.779 to 138.68
S10 vs S11	8.05967	0.521	1	-45.389 to 61.508

DF; degrees of freedom

SS; sum of squares

MS; mean square

F; F statistic

P; probability

|t|; t value

CL; confidence limit