

Supplemental Table S2: ANOVA Post Hoc tests for environmental parameters and bottom types.

Post Hoc Tests

Multiple Comparisons									
Dependent Variable		(I) Bottom Types	(J) Bottom Types	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval		
							Lower Bound	Upper Bound	
EC (µS/cm)	Tukey HSD	Black domes	Black semi cohesive mat	-535.833	12316.067	1.000	-39020.52	37948.85	
			Floccules	-1580.625	8708.774	1.000	-28793.41	25632.16	
			Network on bulbous mat	-6142.372	9416.882	0.999	-35567.82	23283.07	
			Carpet	563.923	8856.213	1.000	-27109.57	28237.41	
			Orange gel mat	-56385.433	8389.402	0.000	-82600.26	-30170.61	
			Orange gel mat with black pinnacles	-56395.208	10304.361	0.000	-88593.81	-24196.61	
			Orange/brown bulbous mat	-16409.781	8935.014	0.658	-44329.50	11509.94	
			spar	-117194.205	8809.457	0.000	-144721.60	-89666.82	
		Black semi cohesive mat	Black domes	535.833	12316.067	1.000	-37948.85	39020.52	
			Floccules	-1044.792	10304.361	1.000	-33243.39	31153.81	
			Network on bulbous mat	-5606.538	10909.389	1.000	-39695.70	28482.62	
			Carpet	1099.756	10429.267	1.000	-31489.14	33688.65	
			Orange gel mat	-55849.600	10035.894	0.000	-87209.30	-24489.90	
			Orange gel mat with black pinnacles	-55859.375	11684.047	0.000	-92369.15	-19349.60	
			Orange/brown bulbous mat	-15873.947	10496.265	0.849	-48672.20	16924.30	
			Spar	-116658.372	10389.593	0.000	-149123.30	-84193.45	
		Floccules	Black domes	1580.625	8708.774	1.000	-25632.16	28793.41	
			Black semi cohesive mat	1044.792	10304.361	1.000	-31153.81	33243.39	
			Network on bulbous mat	-4561.747	6570.542	0.999	-25093.08	15969.58	
			Carpet	2144.548	5738.192	1.000	-15785.89	20074.99	
			Orange gel mat	-54804.808	4987.627	0.000	-70389.92	-39219.70	
			Orange gel mat with black pinnacles	-54814.583	7789.364	0.000	-79154.43	-30474.73	
			Orange/brown bulbous mat	-14829.156	5859.080	0.221	-33137.34	3479.03	
			Spar	-115613.580	5665.764	0.000	-133317.70	-97909.46	
		Network on bulbous mat	Black domes	6142.372	9416.882	0.999	-23283.07	35567.82	
			Black semi cohesive mat	5606.538	10909.389	1.000	-28482.62	39695.70	
			Floccules	4561.747	6570.542	0.999	-15969.58	25093.08	
			Carpet	6706.295	6764.745	0.986	-14431.87	27844.46	
			Orange gel mat	-50243.062	6140.957	0.000	-69432.04	-31054.08	
			Orange gel mat with black pinnacles	-50252.837	8573.746	0.000	-77043.69	-23461.98	
			Orange/brown bulbous mat	-10267.409	6867.587	0.857	-31726.93	11192.11	
			Spar	-111051.834	6703.418	0.000	-131998.37	-90105.30	
		Carpet	Black domes	-563.923	8856.213	1.000	-28237.41	27109.57	
			Black semi cohesive mat	-1099.756	10429.267	1.000	-33688.65	31489.14	
			Floccules	-2144.548	5738.192	1.000	-20074.99	15785.89	
			Network on bulbous mat	-6706.295	6764.745	0.986	-27844.46	14431.87	
			Orange gel mat	-56949.356	5240.818	0.000	-73325.63	-40573.09	
			Orange gel mat with black pinnacles	-56959.131	7953.864	0.000	-81813.00	-32105.26	
			Orange/brown bulbous mat	-16973.703	6076.066	0.122	-35959.92	2012.51	
			Spar	-117758.128	5889.876	0.000	-136162.54	-99353.71	
		Orange gel mat	Black domes	56385.433	8389.402	0.000	30170.61	82600.26	
			Black semi cohesive mat	55849.600	10035.894	0.000	24489.90	87209.30	
			Floccules	54804.808	4987.627	0.000	39219.70	70389.92	
			Network on bulbous mat	50243.062	6140.957	0.000	31054.08	69432.04	
			Carpet	56949.356	5240.818	0.000	40573.09	73325.63	
			Orange gel mat with black pinnacles	-9.775	7430.580	1.000	-23228.51	23208.96	
			Orange/brown bulbous mat	39975.653	5372.908	0.000	23186.63	56764.67	
			Spar	-60808.772	5161.415	0.000	-76936.93	-44680.62	
		Orange gel mat with black pinnacles	Black domes	56395.208	10304.361	0.000	24196.61	88593.81	
			Black semi cohesive mat	55859.375	11684.047	0.000	19349.60	92369.15	
			Floccules	54814.583	7789.364	0.000	30474.73	79154.43	
			Network on bulbous mat	50252.837	8573.746	0.000	23461.98	77043.69	
			Carpet	56959.131	7953.864	0.000	32105.26	81813.00	
			Orange gel mat	9.775	7430.580	1.000	-23208.96	23228.51	
			Orange/brown bulbous mat	39985.428	8041.512	0.000	14857.68	65113.18	
			Spar	-60798.997	7901.771	0.000	-85490.09	-36107.90	
		Orange/brown bulbous mat	Black domes	16409.781	8935.014	0.658	-11509.94	44329.50	
			Black semi cohesive mat	15873.947	10496.265	0.849	-16924.30	48672.20	
			Floccules	14829.156	5859.080	0.221	-3479.03	33137.34	
			Network on bulbous mat	10267.409	6867.587	0.857	-11192.11	31726.93	
			Carpet	16973.703	6076.066	0.122	-2012.51	35959.92	
			Orange gel mat	-39975.653	5372.908	0.000	-56764.67	-23186.63	
			Orange gel mat with black pinnacles	-39985.428	8041.512	0.000	-65113.18	-14857.68	
			Spar	-100784.425	6007.712	0.000	-119557.05	-82011.80	
		Spar	Black domes	117194.205	8809.457	0.000	89666.82	144721.60	
			Black semi cohesive mat	116658.372	10389.593	0.000	84193.45	149123.30	
			Floccules	115613.580	5665.764	0.000	97909.46	133317.70	
			Network on bulbous mat	111051.834	6703.418	0.000	90105.30	131998.37	
			Carpet	117758.128	5889.876	0.000	99353.71	136162.54	
			Orange gel mat	60808.772	5161.415	0.000	44680.62	76936.93	
			Orange gel mat with black pinnacles	60798.997	7901.771	0.000	36107.90	85490.09	
			Orange/brown bulbous mat	100784.425	6007.712	0.000	82011.80	119557.05	
		Games-Howell	Black domes	Black semi cohesive mat	-535.833	2043.036	1.000	-8196.08	7124.41
				Floccules	-1580.625	3656.551	1.000	-13397.77	10236.52
				Network on bulbous mat	-6142.372	3596.521	0.737	-18175.35	5890.61
				Carpet	563.923	1630.308	1.000	-4755.76	5883.61

			Orange gel mat	-56385.433	4953.198	0.000	-72179.83	-40591.04
			Orange gel mat with black pinnacles	-56395.208	8316.065	0.000	-86122.80	-26667.62
			Orange/brown bulbous mat	-16409.781	3145.172	0.000	-26664.23	-6155.34
			Spar	-117194.205	3411.733	0.000	-128264.55	-106123.86
		Black semi cohesive mat	Black domes	535.833	2043.036	1.000	-7124.41	8196.08
			Floccules	-1044.792	3934.844	1.000	-13781.99	11692.41
			Network on bulbous mat	-5606.538	3879.123	0.871	-18494.62	7281.54
			Carpet	1099.756	2184.155	1.000	-6711.66	8911.18
			Orange gel mat	-55849.600	5162.054	0.000	-72307.76	-39391.44
			Orange gel mat with black pinnacles	-55859.375	8442.131	0.000	-85806.28	-25912.47
			Orange/brown bulbous mat	-15873.947	3464.784	0.001	-27216.31	-4531.59
			Spar	-116658.372	3708.443	0.000	-128721.64	-104595.11
		Floccules	Black domes	1580.625	3656.551	1.000	-10236.52	13397.77
			Black semi cohesive mat	1044.792	3934.844	1.000	-11692.41	13781.99
			Network on bulbous mat	-4561.747	4923.816	0.991	-20352.24	11228.75
			Carpet	2144.548	3737.232	1.000	-9887.89	14176.99
			Orange gel mat	-54804.808	5986.917	0.000	-73718.60	-35891.02
			Orange gel mat with black pinnacles	-54814.583	8970.281	0.000	-85749.53	-23879.64
			Orange/brown bulbous mat	-14829.156	4604.466	0.045	-29491.10	-167.21
			Spar	-115613.580	4790.503	0.000	-130844.82	-100382.34
		Network on bulbous mat	Black domes	6142.372	3596.521	0.737	-5890.61	18175.35
			Black semi cohesive mat	5606.538	3879.123	0.871	-7281.54	18494.62
			Floccules	4561.747	4923.816	0.991	-11228.75	20352.24
			Carpet	6706.295	3678.519	0.667	-5516.69	18929.28
			Orange gel mat	-50243.062	5950.443	0.000	-69130.50	-31355.62
			Orange gel mat with black pinnacles	-50252.837	8945.979	0.000	-81165.19	-19340.48
			Orange/brown bulbous mat	-10267.409	4556.940	0.388	-24975.14	4440.32
			Spar	-111051.834	4744.841	0.000	-126312.40	-95791.27
		Carpet	Black domes	-563.923	1630.308	1.000	-5883.61	4755.76
			Black semi cohesive mat	-1099.756	2184.155	1.000	-8911.18	6711.66
			Floccules	-2144.548	3737.232	1.000	-14176.99	9887.89
			Network on bulbous mat	-6706.295	3678.519	0.667	-18929.28	5516.69
			Orange gel mat	-56949.356	5013.054	0.000	-72912.22	-40986.49
			Orange gel mat with black pinnacles	-56959.131	8351.855	0.000	-86742.43	-27175.83
			Orange/brown bulbous mat	-16973.703	3238.617	0.000	-27468.51	-6478.90
			Spar	-117758.128	3498.065	0.000	-129055.07	-106461.19
		Orange gel mat	Black domes	56385.433	4953.198	0.000	40591.04	72179.83
			Black semi cohesive mat	55849.600	5162.054	0.000	39391.44	72307.76
			Floccules	54804.808	5986.917	0.000	35891.02	73718.60
			Network on bulbous mat	50243.062	5950.443	0.000	31355.62	69130.50
			Carpet	56949.356	5013.054	0.000	40986.49	72912.22
			Orange gel mat with black pinnacles	-9.775	9572.343	1.000	-32267.55	32248.00
			Orange/brown bulbous mat	39975.653	5689.017	0.000	21970.51	57980.80
			Spar	-60808.772	5840.610	0.000	-79276.02	-42341.52
		Orange gel mat with black pinnacles	Black domes	56395.208	8316.065	0.000	26667.62	86122.80
			Black semi cohesive mat	55859.375	8442.131	0.000	25912.47	85806.28
			Floccules	54814.583	8970.281	0.000	23879.64	85749.53
			Network on bulbous mat	50252.837	8945.979	0.000	19340.48	81165.19
			Carpet	56959.131	8351.855	0.000	27175.83	86742.43
			Orange gel mat	9.775	9572.343	1.000	-32248.00	32267.55
			Orange/brown bulbous mat	39985.428	8774.262	0.005	9442.29	70528.56
			Spar	-60798.997	8873.302	0.000	-91537.42	-30060.57
		Orange/brown bulbous mat	Black domes	16409.781	3145.172	0.000	6155.34	26664.23
			Black semi cohesive mat	15873.947	3464.784	0.001	4531.59	27216.31
			Floccules	14829.156	4604.466	0.045	167.21	29491.10
			Network on bulbous mat	10267.409	4556.940	0.388	-4440.32	24975.14
			Carpet	16973.703	3238.617	0.000	6478.90	27468.51
			Orange gel mat	-39975.653	5689.017	0.000	-57980.80	-21970.51
			Orange gel mat with black pinnacles	-39985.428	8774.262	0.005	-70528.56	-9442.29
			Spar	-100784.425	4412.557	0.000	-114858.10	-86710.75
		Spar	Black domes	117194.205	3411.733	0.000	106123.86	128264.55
			Black semi cohesive mat	116658.372	3708.443	0.000	104595.11	128721.64
			Floccules	115613.580	4790.503	0.000	100382.34	130844.82
			Network on bulbous mat	111051.834	4744.841	0.000	95791.27	126312.40
			Carpet	117758.128	3498.065	0.000	106461.19	129055.07
			Orange gel mat	60808.772	5840.610	0.000	42341.52	79276.02
			Orange gel mat with black pinnacles	60798.997	8873.302	0.000	30060.57	91537.42
			Orange/brown bulbous mat	100784.425	4412.557	0.000	86710.75	114858.10
pH	Tukey HSD	Black domes	Black semi cohesive mat	0.06792	0.11726	1.000	-0.2985	0.4343
			Floccules	0.11896	0.08292	0.884	-0.1401	0.3781
			Network on bulbous mat	-0.00026	0.08966	1.000	-0.2804	0.2799
			Carpet	0.06325	0.08432	0.998	-0.2002	0.3267
			Orange gel mat	.33680	0.07988	0.001	0.0872	0.5864
			Orange gel mat with black pinnacles	.47229	0.09811	0.000	0.1657	0.7789
			Orange/brown bulbous mat	0.06009	0.08507	0.999	-0.2057	0.3259
			spar	0.23946	0.08388	0.104	-0.0226	0.5016
		Black semi cohesive mat	Black domes	-0.06792	0.11726	1.000	-0.4343	0.2985
			Floccules	0.05104	0.09811	1.000	-0.2555	0.3576
			Network on bulbous mat	-0.06817	0.10387	0.999	-0.3927	0.2564
			Carpet	-0.00466	0.09930	1.000	-0.3149	0.3056

	Orange gel mat	Orange gel mat	0.26888	0.09555	0.116	-0.0297	0.5675
		Orange gel mat with black pinnacles	.40438*	0.11125	0.010	0.0568	0.7520
		Orange/brown bulbous mat	-0.00783	0.09994	1.000	-0.3201	0.3044
		Spar	0.17154	0.09892	0.725	-0.1376	0.4806
	Floccules	Black domes	-0.11896	0.08292	0.884	-0.3781	0.1401
		Black semi cohesive mat	-0.05104	0.09811	1.000	-0.3576	0.2555
		Network on bulbous mat	-0.11921	0.06256	0.610	-0.3147	0.0763
		Carpet	-0.05571	0.05463	0.984	-0.2264	0.1150
		Orange gel mat	.21784*	0.04749	0.000	0.0695	0.3662
		Orange gel mat with black pinnacles	.35333*	0.07416	0.000	0.1216	0.5851
		Orange/brown bulbous mat	-0.05887	0.05579	0.980	-0.2332	0.1154
		Spar	0.12050	0.05394	0.387	-0.0481	0.2891
	Network on bulbous mat	Black domes	0.00026	0.08966	1.000	-0.2799	0.2804
		Black semi cohesive mat	0.06817	0.10387	0.999	-0.2564	0.3927
		Floccules	0.11921	0.06256	0.610	-0.0763	0.3147
		Carpet	0.06351	0.06441	0.987	-0.1378	0.2648
		Orange gel mat	.33706*	0.05847	0.000	0.1544	0.5198
		Orange gel mat with black pinnacles	.47255*	0.08163	0.000	0.2175	0.7276
		Orange/brown bulbous mat	0.06034	0.06539	0.992	-0.1440	0.2647
		Spar	.23971*	0.06382	0.006	0.0403	0.4391
	Carpet	Black domes	-0.06325	0.08432	0.998	-0.3267	0.2002
		Black semi cohesive mat	0.00466	0.09930	1.000	-0.3056	0.3149
		Floccules	0.05571	0.05463	0.984	-0.1150	0.2264
		Network on bulbous mat	-0.06351	0.06441	0.987	-0.2648	0.1378
		Orange gel mat	.27355*	0.04990	0.000	0.1176	0.4295
		Orange gel mat with black pinnacles	.40904*	0.07573	0.000	0.1724	0.6457
		Orange/brown bulbous mat	-0.00316	0.05785	1.000	-0.1839	0.1776
		Spar	.17621*	0.05608	0.048	0.0010	0.3514
	Orange gel mat	Black domes	-.33680*	0.07988	0.001	-0.5864	-0.0872
		Black semi cohesive mat	-0.26888	0.09555	0.116	-0.5675	0.0297
		Floccules	-.21784*	0.04749	0.000	-0.3662	-0.0695
		Network on bulbous mat	-.33706*	0.05847	0.000	-0.5198	-0.1544
		Carpet	-.27355*	0.04990	0.000	-0.4295	-0.1176
		Orange gel mat with black pinnacles	0.13549	0.07075	0.604	-0.0856	0.3566
		Orange/brown bulbous mat	-.27671*	0.05116	0.000	-0.4366	-0.1169
		Spar	-0.09734	0.04914	0.558	-0.2509	0.0562
	Orange gel mat with black pinnacles	Black domes	-.47229*	0.09811	0.000	-0.7789	-0.1657
		Black semi cohesive mat	-.40438*	0.11125	0.010	-0.7520	-0.0568
		Floccules	-.35333*	0.07416	0.000	-0.5851	-0.1216
		Network on bulbous mat	-.47255*	0.08163	0.000	-0.7276	-0.2175
		Carpet	-.40904*	0.07573	0.000	-0.6457	-0.1724
		Orange gel mat	-0.13549	0.07075	0.604	-0.3566	0.0856
		Orange/brown bulbous mat	-.41220*	0.07656	0.000	-0.6515	-0.1730
		Spar	-0.23283	0.07523	0.055	-0.4679	0.0023
	Orange/brown bulbous mat	Black domes	-0.06009	0.08507	0.999	-0.3259	0.2057
		Black semi cohesive mat	0.00783	0.09994	1.000	-0.3044	0.3201
		Floccules	0.05887	0.05579	0.980	-0.1154	0.2332
		Network on bulbous mat	-0.06034	0.06539	0.992	-0.2647	0.1440
		Carpet	0.00316	0.05785	1.000	-0.1776	0.1839
		Orange gel mat	.27671*	0.05116	0.000	0.1169	0.4366
		Orange gel mat with black pinnacles	.41220*	0.07656	0.000	0.1730	0.6515
		Spar	.17937*	0.05720	0.048	0.0006	0.3581
	Spar	Black domes	-0.23946	0.08388	0.104	-0.5016	0.0226
		Black semi cohesive mat	-0.17154	0.09892	0.725	-0.4806	0.1376
		Floccules	-0.12050	0.05394	0.387	-0.2891	0.0481
		Network on bulbous mat	-.23971*	0.06382	0.006	-0.4391	-0.0403
		Carpet	-.17621*	0.05608	0.048	-0.3514	-0.0010
		Orange gel mat	0.09734	0.04914	0.558	-0.0562	0.2509
		Orange gel mat with black pinnacles	0.23283	0.07523	0.055	-0.0023	0.4679
		Orange/brown bulbous mat	-.17937*	0.05720	0.048	-0.3581	-0.0006
Games-Howell	Black domes	Black semi cohesive mat	0.06792	0.03883	0.711	-0.0707	0.2065
		Floccules	0.11896	0.05090	0.346	-0.0482	0.2861
		Network on bulbous mat	-0.00026	0.05396	1.000	-0.1788	0.1783
		Carpet	0.06325	0.05157	0.945	-0.1062	0.2327
		Orange gel mat	.33680*	0.05331	0.000	0.1637	0.5099
		Orange gel mat with black pinnacles	.47229*	0.06884	0.000	0.2377	0.7069
		Orange/brown bulbous mat	0.06009	0.04701	0.930	-0.0966	0.2168
		Spar	.23946*	0.04565	0.000	0.0866	0.3923
	Black semi cohesive mat	Black domes	-0.06792	0.03883	0.711	-0.2065	0.0707
		Floccules	0.05104	0.04098	0.942	-0.0815	0.1835
		Network on bulbous mat	-0.06817	0.04473	0.836	-0.2171	0.0807
		Carpet	-0.00466	0.04181	1.000	-0.1406	0.1313
		Orange gel mat	.26888*	0.04394	0.000	0.1286	0.4091
		Orange gel mat with black pinnacles	.40438*	0.06186	0.000	0.1867	0.6221
		Orange/brown bulbous mat	-0.00783	0.03603	1.000	-0.1255	0.1099
		Spar	.17154*	0.03423	0.000	0.0600	0.2831
	Floccules	Black domes	-0.11896	0.05090	0.346	-0.2861	0.0482
		Black semi cohesive mat	-0.05104	0.04098	0.942	-0.1835	0.0815
		Network on bulbous mat	-0.11921	0.05553	0.453	-0.2978	0.0594
		Carpet	-0.05571	0.05321	0.980	-0.2250	0.1136
		Orange gel mat	.21784*	0.05490	0.004	0.0444	0.3913

ORP (mV)	Tukey HSD		Orange gel mat with black pinnacles	.35333	0.07007	0.001	0.1180	0.5886
			Orange/brown bulbous mat	-0.05887	0.04880	0.953	-0.2143	0.0965
			Spar	0.12050	0.04749	0.229	-0.0306	0.2716
		Network on bulbous mat	Black domes	0.00026	0.05396	1.000	-0.1783	0.1788
			Black semi cohesive mat	0.06817	0.04473	0.836	-0.0807	0.2171
			Floccules	0.11921	0.05553	0.453	-0.0594	0.2978
			Carpet	0.06351	0.05615	0.967	-0.1173	0.2443
			Orange gel mat	.33706	0.05775	0.000	0.1525	0.5216
			Orange gel mat with black pinnacles	.47255	0.07233	0.000	0.2305	0.7146
			Orange/brown bulbous mat	0.06034	0.05199	0.961	-0.1080	0.2287
			Spar	.23971	0.05076	0.001	0.0751	0.4043
		Carpet	Black domes	-0.06325	0.05157	0.945	-0.2327	0.1062
			Black semi cohesive mat	0.00466	0.04181	1.000	-0.1313	0.1406
			Floccules	0.05571	0.05321	0.980	-0.1136	0.2250
			Network on bulbous mat	-0.06351	0.05615	0.967	-0.2443	0.1173
			Orange gel mat	.27355	0.05552	0.000	0.0978	0.4493
			Orange gel mat with black pinnacles	.40904	0.07056	0.000	0.1724	0.6457
			Orange/brown bulbous mat	-0.00316	0.04950	1.000	-0.1613	0.1549
			Spar	.17621	0.04821	0.013	0.0223	0.3301
		Orange gel mat	Black domes	-.33680	0.05331	0.000	-0.5099	-0.1637
			Black semi cohesive mat	-.26888	0.04394	0.000	-0.4091	-0.1286
			Floccules	-.21784	0.05490	0.004	-0.3913	-0.0444
			Network on bulbous mat	-.33706	0.05775	0.000	-0.5216	-0.1525
			Carpet	-.27355	0.05552	0.000	-0.4493	-0.0978
			Orange gel mat with black pinnacles	0.13549	0.07184	0.628	-0.1039	0.3748
			Orange/brown bulbous mat	-.27671	0.05131	0.000	-0.4391	-0.1143
			Spar	-0.09734	0.05006	0.585	-0.2556	0.0609
		Orange gel mat with black pinnacles	Black domes	-.47229	0.06884	0.000	-0.7069	-0.2377
			Black semi cohesive mat	-.40438	0.06186	0.000	-0.6221	-0.1867
			Floccules	-.35333	0.07007	0.001	-0.5886	-0.1180
			Network on bulbous mat	-.47255	0.07233	0.000	-0.7146	-0.2305
			Carpet	-.40904	0.07056	0.000	-0.6457	-0.1724
			Orange gel mat	-0.13549	0.07184	0.628	-0.3748	0.1039
			Orange/brown bulbous mat	-.41220	0.06730	0.000	-0.6410	-0.1834
			Spar	-.23283	0.06636	0.041	-0.4594	-0.0063
		Orange/brown bulbous mat	Black domes	-0.06009	0.04701	0.930	-0.2168	0.0966
			Black semi cohesive mat	0.00783	0.03603	1.000	-0.1099	0.1255
			Floccules	0.05887	0.04880	0.953	-0.0965	0.2143
			Network on bulbous mat	-0.06034	0.05199	0.961	-0.2287	0.1080
			Carpet	0.00316	0.04950	1.000	-0.1549	0.1613
			Orange gel mat	.27671	0.05131	0.000	0.1143	0.4391
			Orange gel mat with black pinnacles	.41220	0.06730	0.000	0.1834	0.6410
			Spar	.17937	0.04329	0.003	0.0412	0.3175
		Spar	Black domes	-.23946	0.04565	0.000	-0.3923	-0.0866
			Black semi cohesive mat	-.17154	0.03423	0.000	-0.2831	-0.0600
			Floccules	-0.12050	0.04749	0.229	-0.2716	0.0306
			Network on bulbous mat	-.23971	0.05076	0.001	-0.4043	-0.0751
			Carpet	-.17621	0.04821	0.013	-0.3301	-0.0223
			Orange gel mat	0.09734	0.05006	0.585	-0.0609	0.2556
			Orange gel mat with black pinnacles	.23283	0.06636	0.041	0.0063	0.4594
			Orange/brown bulbous mat	-.17937	0.04329	0.003	-0.3175	-0.0412
		Black domes	Black semi cohesive mat	-8.0417	33.3553	1.000	-112.269	96.185
			Floccules	21.4917	23.5858	0.992	-52.208	95.191
			Network on bulbous mat	5.7160	25.5035	1.000	-73.976	85.408
			Carpet	11.1657	23.9851	1.000	-63.782	86.113
			Orange gel mat	70.7930	22.7208	0.051	-0.204	141.790
			Orange gel mat with black pinnacles	56.9771	27.9070	0.516	-30.226	144.180
			Orange/brown bulbous mat	41.2478	24.1985	0.743	-34.366	116.862
			spar	8.9072	23.8584	1.000	-65.645	83.459
		Black semi cohesive mat	Black domes	8.0417	33.3553	1.000	-96.185	112.269
			Floccules	29.5333	27.9070	0.979	-57.669	116.736
			Network on bulbous mat	13.7577	29.5456	1.000	-78.565	106.081
			Carpet	19.2073	28.2453	0.999	-69.052	107.467
			Orange gel mat	78.8347	27.1800	0.093	-6.096	163.765
			Orange gel mat with black pinnacles	65.0188	31.6436	0.506	-33.860	163.897
			Orange/brown bulbous mat	49.2895	28.4268	0.725	-39.537	138.116
			Spar	16.9488	28.1379	1.000	-70.975	104.873
		Floccules	Black domes	-21.4917	23.5858	0.992	-95.191	52.208
			Black semi cohesive mat	-29.5333	27.9070	0.979	-116.736	57.669
			Network on bulbous mat	-15.7756	17.7948	0.994	-71.380	39.829
			Carpet	-10.3260	15.5406	0.999	-58.887	38.235
			Orange gel mat	49.3013	13.5079	0.009	7.093	91.510
			Orange gel mat with black pinnacles	35.4854	21.0957	0.757	-30.434	101.404
			Orange/brown bulbous mat	19.7561	15.8680	0.946	-29.827	69.340
			Spar	-12.5845	15.3445	0.996	-60.532	35.363
		Network on bulbous mat	Black domes	-5.7160	25.5035	1.000	-85.408	73.976
			Black semi cohesive mat	-13.7577	29.5456	1.000	-106.081	78.565
			Floccules	15.7756	17.7948	0.994	-39.829	71.380
			Carpet	5.4496	18.3208	1.000	-51.798	62.698
			Orange gel mat	65.0770	16.6314	0.004	13.108	117.046
			Orange gel mat with black pinnacles	51.2611	23.2201	0.403	-21.296	123.818

		Orange/brown bulbous mat	35.5318	18.5993	0.607	-22.587	93.650
		Spar	3.1911	18.1547	1.000	-53.538	59.920
Carpet		Black domes	-11.1657	23.9851	1.000	-86.113	63.782
		Black semi cohesive mat	-19.2073	28.2453	0.999	-107.467	69.052
		Floccules	10.3260	15.5406	0.999	-38.235	58.887
		Network on bulbous mat	-5.4496	18.3208	1.000	-62.698	51.798
		Orange gel mat	59.6273	14.1936	0.001	15.276	103.979
		Orange gel mat with black pinnacles	45.8114	21.5413	0.457	-21.500	113.123
Orange gel mat		Orange/brown bulbous mat	30.0822	16.4557	0.663	-21.338	81.502
		Spar	-2.2585	15.9514	1.000	-52.103	47.586
		Black domes	-70.7930	22.7208	0.051	-141.790	0.204
		Black semi cohesive mat	-78.8347	27.1800	0.093	-163.765	6.096
		Floccules	-49.3013	13.5079	0.009	-91.510	-7.093
		Network on bulbous mat	-65.0770	16.6314	0.004	-117.046	-13.108
		Carpet	-59.6273	14.1936	0.001	-103.979	-15.276
		Orange gel mat with black pinnacles	-13.8159	20.1241	0.999	-76.699	49.067
		Orange/brown bulbous mat	-29.5452	14.5513	0.523	-75.014	15.924
		Spar	-61.8858	13.9785	0.000	-105.565	-18.206
Orange gel mat with black pinnacles		Black domes	-56.9771	27.9070	0.516	-144.180	30.226
		Black semi cohesive mat	-65.0188	31.6436	0.506	-163.897	33.860
		Floccules	-35.4854	21.0957	0.757	-101.404	30.434
		Network on bulbous mat	-51.2611	23.2201	0.403	-123.818	21.296
		Carpet	-45.8114	21.5413	0.457	-113.123	21.500
		Orange gel mat	13.8159	20.1241	0.999	-49.067	76.699
		Orange/brown bulbous mat	-15.7293	21.7786	0.998	-83.782	52.324
		Spar	-48.0699	21.4002	0.379	-114.940	18.800
		Black domes	-41.2478	24.1985	0.743	-116.862	34.366
		Black semi cohesive mat	-49.2895	28.4268	0.725	-138.116	39.537
Orange/brown bulbous mat		Floccules	-19.7561	15.8680	0.946	-69.340	29.827
		Network on bulbous mat	-35.5318	18.5993	0.607	-93.650	22.587
		Carpet	-30.0822	16.4557	0.663	-81.502	21.338
		Orange gel mat	29.5452	14.5513	0.523	-15.924	75.014
		Orange gel mat with black pinnacles	15.7293	21.7786	0.998	-52.324	83.782
		Spar	-32.3406	16.2705	0.553	-83.182	18.501
		Black domes	-8.9072	23.8584	1.000	-83.459	65.645
		Black semi cohesive mat	-16.9488	28.1379	1.000	-104.873	70.975
		Floccules	12.5845	15.3445	0.996	-35.363	60.532
		Network on bulbous mat	-3.1911	18.1547	1.000	-59.920	53.538
Spar		Carpet	2.2585	15.9514	1.000	-47.586	52.103
		Orange gel mat	61.8858	13.9785	0.000	18.206	105.565
		Orange gel mat with black pinnacles	48.0699	21.4002	0.379	-18.800	114.940
		Orange/brown bulbous mat	32.3406	16.2705	0.553	-18.501	83.182
		Black semi cohesive mat	-8.0417	14.3865	1.000	-58.979	42.896
		Floccules	21.4917	17.3805	0.942	-35.997	78.980
		Network on bulbous mat	5.7160	15.8952	1.000	-48.177	59.610
		Carpet	11.1657	18.0064	0.999	-48.205	70.536
		Orange gel mat	70.7930	16.1727	0.004	16.671	124.915
		Orange gel mat with black pinnacles	56.9771	18.8271	0.105	-6.575	120.529
Games-Howell Black domes		Orange/brown bulbous mat	41.2478	17.9085	0.368	-17.911	100.407
		Spar	8.9072	13.2543	0.998	-39.238	57.052
		Black domes	8.0417	14.3865	1.000	-42.896	58.979
		Floccules	29.5333	14.0329	0.483	-16.076	75.142
		Network on bulbous mat	13.7577	12.1448	0.964	-26.850	54.365
		Carpet	19.2073	14.8010	0.927	-29.025	67.440
		Orange gel mat	78.8347	12.5058	0.000	38.185	119.484
		Orange gel mat with black pinnacles	65.0188	15.7892	0.012	10.581	119.456
		Orange/brown bulbous mat	49.2895	14.6817	0.040	1.310	97.269
		Spar	16.9488	8.3974	0.557	-13.838	47.736
Black semi cohesive mat		Black domes	-21.4917	17.3805	0.942	-78.980	35.997
		Black semi cohesive mat	-29.5333	14.0329	0.483	-75.142	16.076
		Network on bulbous mat	-15.7756	15.5758	0.983	-65.605	34.054
		Carpet	-10.3260	17.7251	1.000	-66.747	46.095
		Orange gel mat	49.3013	15.8589	0.059	-0.934	99.537
		Orange gel mat with black pinnacles	35.4854	18.5582	0.610	-25.457	96.428
		Orange/brown bulbous mat	19.7561	17.6256	0.969	-36.414	75.926
		Spar	-12.5845	12.8696	0.987	-54.013	28.844
		Black domes	-5.7160	15.8952	1.000	-59.610	48.177
		Black semi cohesive mat	-13.7577	12.1448	0.964	-54.365	26.850
Floccules		Floccules	15.7756	15.5758	0.983	-34.054	65.605
		Carpet	5.4496	16.2713	1.000	-46.761	57.660
		Orange gel mat	65.0770	14.2155	0.001	19.722	110.432
		Orange gel mat with black pinnacles	51.2611	17.1750	0.110	-6.200	108.722
		Orange/brown bulbous mat	35.5318	16.1628	0.420	-16.421	87.485
		Spar	3.1911	10.7796	1.000	-32.392	38.775
		Black domes	-11.1657	18.0064	0.999	-70.536	48.205
		Black semi cohesive mat	-19.2073	14.8010	0.927	-67.440	29.025
		Floccules	10.3260	17.7251	1.000	-46.095	66.747
		Network on bulbous mat	-5.4496	16.2713	1.000	-57.660	46.761
Network on bulbous mat		Orange gel mat	59.6273	16.5425	0.015	7.007	112.248
		Orange gel mat with black pinnacles	45.8114	19.1457	0.315	-16.901	108.524
		Orange/brown bulbous mat	30.0822	18.2432	0.775	-28.146	88.310
		Spar	-2.2585	13.7031	1.000	-46.704	42.187
Carpet		Black domes	-11.1657	18.0064	0.999	-70.536	48.205
		Black semi cohesive mat	-19.2073	14.8010	0.927	-67.440	29.025
		Floccules	10.3260	17.7251	1.000	-46.095	66.747
		Network on bulbous mat	-5.4496	16.2713	1.000	-57.660	46.761
		Orange gel mat	59.6273	16.5425	0.015	7.007	112.248
		Orange gel mat with black pinnacles	45.8114	19.1457	0.315	-16.901	108.524
		Orange/brown bulbous mat	30.0822	18.2432	0.775	-28.146	88.310
		Spar	-2.2585	13.7031	1.000	-46.704	42.187

DO (mg/L)	Tukey HSD	Orange gel mat	Black domes	-70.7930 [*]	16.1727	0.004	-124.915	-16.671
			Black semi cohesive mat	-78.8347 [*]	12.5058	0.000	-119.484	-38.185
			Floccules	-49.3013	15.8589	0.059	-99.537	0.934
			Network on bulbous mat	-65.0770 [*]	14.2155	0.001	-110.432	-19.722
			Carpet	-59.6273 [*]	16.5425	0.015	-112.248	-7.007
			Orange gel mat with black pinnacles	-13.8159	17.4322	0.996	-71.578	43.946
			Orange/brown bulbous mat	-29.5452	16.4359	0.684	-81.901	22.811
			Spar	-61.8858 [*]	11.1848	0.000	-97.366	-26.406
		Orange gel mat with black pinnacles	Black domes	-56.9771	18.8271	0.105	-120.529	6.575
			Black semi cohesive mat	-65.0187 [*]	15.7892	0.012	-119.456	-10.581
			Floccules	-35.4854	18.5582	0.610	-96.428	25.457
			Network on bulbous mat	-51.2611	17.1750	0.110	-108.722	6.200
			Carpet	-45.8114	19.1457	0.315	-108.524	16.901
			Orange gel mat	13.8159	17.4322	0.996	-43.946	71.578
			Orange/brown bulbous mat	-15.7293	19.0536	0.995	-78.233	46.775
			Spar	-48.0699	14.7649	0.080	-99.787	3.647
		Orange/brown bulbous mat	Black domes	-41.2478	17.9085	0.368	-100.407	17.911
			Black semi cohesive mat	-49.2895 [*]	14.6817	0.040	-97.269	-1.310
			Floccules	-19.7561	17.6256	0.969	-75.926	36.414
			Network on bulbous mat	-35.5318	16.1628	0.420	-87.485	16.421
			Carpet	-30.0822	18.2432	0.775	-88.310	28.146
			Orange gel mat	29.5452	16.4359	0.684	-22.811	81.901
			Orange gel mat with black pinnacles	15.7293	19.0536	0.995	-46.775	78.233
			Spar	-32.3406	13.5742	0.318	-76.517	11.836
		Spar	Black domes	-8.9072	13.2543	0.998	-57.052	39.238
			Black semi cohesive mat	-16.9488	8.3974	0.557	-47.736	13.838
			Floccules	12.5845	12.8696	0.987	-28.844	54.013
			Network on bulbous mat	-3.1911	10.7796	1.000	-38.775	32.392
			Carpet	2.2585	13.7031	1.000	-42.187	46.704
			Orange gel mat	61.8858 [*]	11.1848	0.000	26.406	97.366
			Orange gel mat with black pinnacles	48.0699	14.7649	0.080	-3.647	99.787
			Orange/brown bulbous mat	32.3406	13.5742	0.318	-11.836	76.517
		Black domes	Black semi cohesive mat	-0.27167	0.56516	1.000	-2.0376	1.4943
			Floccules	0.03187	0.39963	1.000	-1.2169	1.2806
			Network on bulbous mat	-0.52667	0.43212	0.952	-1.8769	0.8236
			Carpet	0.25467	0.40639	0.999	-1.0152	1.5246
			Orange gel mat	0.82847	0.38497	0.440	-0.3745	2.0314
			Orange gel mat with black pinnacles	1.31771	0.47285	0.124	-0.1598	2.7952
			Orange/brown bulbous mat	-0.56535	0.41001	0.905	-1.8465	0.7158
			spar	1.51205 [*]	0.40425	0.007	0.2489	2.7752
		Black semi cohesive mat	Black domes	0.27167	0.56516	1.000	-1.4943	2.0376
			Floccules	0.30354	0.47285	0.999	-1.1740	1.7811
			Network on bulbous mat	-0.25500	0.50061	1.000	-1.8193	1.3093
			Carpet	0.52634	0.47858	0.974	-0.9691	2.0218
			Orange gel mat	1.10013	0.46053	0.294	-0.3389	2.5392
			Orange gel mat with black pinnacles	1.58938	0.53616	0.078	-0.0860	3.2647
			Orange/brown bulbous mat	-0.29368	0.48165	1.000	-1.7987	1.2114
			Spar	1.78372 [*]	0.47676	0.007	0.2940	3.2735
		Floccules	Black domes	-0.03187	0.39963	1.000	-1.2806	1.2169
			Black semi cohesive mat	-0.30354	0.47285	0.999	-1.7811	1.1740
			Network on bulbous mat	-0.55854	0.30151	0.647	-1.5007	0.3836
			Carpet	0.22280	0.26331	0.995	-0.6000	1.0456
			Orange gel mat	.79659 [*]	0.22887	0.017	0.0814	1.5118
			Orange gel mat with black pinnacles	1.28583 [*]	0.35744	0.011	0.1689	2.4027
			Orange/brown bulbous mat	-0.59723	0.26886	0.395	-1.4374	0.2429
			Spar	1.48018 [*]	0.25999	0.000	0.6678	2.2926
		Network on bulbous mat	Black domes	0.52667	0.43212	0.952	-0.8236	1.8769
			Black semi cohesive mat	0.25500	0.50061	1.000	-1.3093	1.8193
			Floccules	0.55854	0.30151	0.647	-0.3836	1.5007
			Carpet	0.78134	0.31042	0.228	-0.1886	1.7513
			Orange gel mat	1.35513 [*]	0.28180	0.000	0.4746	2.2357
			Orange gel mat with black pinnacles	1.84437 [*]	0.39343	0.000	0.6150	3.0738
			Orange/brown bulbous mat	-0.03868	0.31514	1.000	-1.0234	0.9460
			Spar	2.03872 [*]	0.30761	0.000	1.0775	2.9999
		Carpet	Black domes	-0.25467	0.40639	0.999	-1.5246	1.0152
			Black semi cohesive mat	-0.52634	0.47858	0.974	-2.0218	0.9691
			Floccules	-0.22280	0.26331	0.995	-1.0456	0.6000
			Network on bulbous mat	-0.78134	0.31042	0.228	-1.7513	0.1886
			Orange gel mat	0.57379	0.24049	0.296	-0.1777	1.3253
			Orange gel mat with black pinnacles	1.06303	0.36499	0.090	-0.0775	2.2035
			Orange/brown bulbous mat	-0.82003	0.27882	0.083	-1.6913	0.0512
			Spar	1.25738 [*]	0.27027	0.000	0.4128	2.1019
		Orange gel mat	Black domes	-0.82847	0.38497	0.440	-2.0314	0.3745
			Black semi cohesive mat	-1.10013	0.46053	0.294	-2.5392	0.3389
			Floccules	-.79659 [*]	0.22887	0.017	-1.5118	-0.0814
			Network on bulbous mat	-1.35513 [*]	0.28180	0.000	-2.2357	-0.4746
			Carpet	-0.57379	0.24049	0.296	-1.3253	0.1777
			Orange gel mat with black pinnacles	0.48924	0.34097	0.884	-0.5762	1.5547
			Orange/brown bulbous mat	-1.39382 [*]	0.24655	0.000	-2.1642	-0.6234
			Spar	0.68359	0.23685	0.096	-0.0565	1.4237
		Orange gel mat with black pinnacles	Black domes	-1.31771	0.47285	0.124	-2.7952	0.1598
			Black semi cohesive mat	-1.58938	0.53616	0.078	-3.2647	0.0860

Games-Howell	Orange/brown bulbous mat	Floccules	-1.28583	0.35744	0.011	-2.4027	-0.1689
		Network on bulbous mat	-1.84437	0.39343	0.000	-3.0738	-0.6150
		Carpet	-1.06303	0.36499	0.090	-2.2035	0.0775
		Orange gel mat	-0.48924	0.34097	0.884	-1.5547	0.5762
		Orange/brown bulbous mat	-1.88306	0.36901	0.000	-3.0361	-0.7300
	Spar	Spar	0.19435	0.36260	1.000	-0.9387	1.3274
		Black domes	0.56535	0.41001	0.905	-0.7158	1.8465
		Black semi cohesive mat	0.29368	0.48165	1.000	-1.2114	1.7987
		Floccules	0.59723	0.26886	0.395	-0.2429	1.4374
		Network on bulbous mat	0.03868	0.31514	1.000	-0.9460	1.0234
	Orange gel mat with black pinnacles	Carpet	0.82003	0.27882	0.083	-0.0512	1.6913
		Orange gel mat	1.39382	0.24655	0.000	0.6234	2.1642
		Orange gel mat with black pinnacles	1.88306	0.36901	0.000	0.7300	3.0361
		Spar	2.07741	0.27568	0.000	1.2160	2.9388
		Black domes	-1.51205	0.40425	0.007	-2.7752	-0.2489
Games-Howell	Spar	Black semi cohesive mat	-1.78372	0.47676	0.007	-3.2735	-0.2940
		Floccules	-1.48018	0.25999	0.000	-2.2926	-0.6678
		Network on bulbous mat	-2.03872	0.30761	0.000	-2.9999	-1.0775
		Carpet	-1.25738	0.27027	0.000	-2.1019	-0.4128
		Orange gel mat	-0.68359	0.23685	0.096	-1.4237	0.0565
	Orange gel mat with black pinnacles	Orange gel mat with black pinnacles	-0.19435	0.36260	1.000	-1.3274	0.9387
		Orange/brown bulbous mat	-2.07741	0.27568	0.000	-2.9388	-1.2160
		Black semi cohesive mat	-0.27167	0.48348	0.999	-2.1128	1.5695
		Floccules	0.03187	0.29325	1.000	-0.9460	1.0097
		Network on bulbous mat	-0.52667	0.28936	0.669	-1.5014	0.4480
	Carpet	Carpet	0.25467	0.26309	0.985	-0.6497	1.1590
		Orange gel mat	0.82847	0.29420	0.150	-0.1487	1.8056
		Orange gel mat with black pinnacles	1.31771	0.40903	0.072	-0.0713	2.7068
		Orange/brown bulbous mat	-0.56535	0.28342	0.560	-1.5196	0.3889
		Spar	1.51205	0.23676	0.000	0.6589	2.3652
	Black semi cohesive mat	Black domes	0.27167	0.48348	0.999	-1.5695	2.1128
		Floccules	0.30354	0.47205	0.999	-1.5167	2.1238
		Network on bulbous mat	-0.25500	0.46964	1.000	-2.0757	1.5657
		Carpet	0.52634	0.45393	0.947	-1.2879	2.3405
		Orange gel mat	1.10013	0.47264	0.405	-0.7196	2.9198
	Orange gel mat with black pinnacles	Orange gel mat with black pinnacles	1.58938	0.55149	0.166	-0.3755	3.5543
		Orange/brown bulbous mat	-0.29368	0.46600	0.999	-2.1111	1.5238
		Spar	1.78372	0.43919	0.055	-0.0345	3.6019
		Black domes	-0.03187	0.29325	1.000	-1.0097	0.9460
		Black semi cohesive mat	-0.30354	0.47205	0.999	-2.1238	1.5167
Games-Howell	Floccules	Network on bulbous mat	-0.55854	0.26982	0.502	-1.4236	0.3065
		Carpet	0.22280	0.24143	0.991	-0.5461	0.9917
		Orange gel mat	0.79659	0.27501	0.100	-0.0728	1.6660
		Orange gel mat with black pinnacles	1.28583	0.39544	0.067	-0.0526	2.6243
		Orange/brown bulbous mat	-0.59723	0.26343	0.374	-1.4361	0.2416
	Spar	Spar	1.48018	0.21244	0.000	0.7986	2.1618
		Black domes	0.52667	0.28936	0.669	-0.4480	1.5014
		Black semi cohesive mat	0.25500	0.46964	1.000	-1.5657	2.0757
		Floccules	0.55854	0.26982	0.502	-0.3065	1.4236
		Carpet	.78134	0.23669	0.042	0.0154	1.5473
	Network on bulbous mat	Orange gel mat	1.35513	0.27086	0.000	0.4908	2.2194
		Orange gel mat with black pinnacles	1.84437	0.39257	0.002	0.5098	3.1789
		Orange/brown bulbous mat	-0.03868	0.25910	1.000	-0.8732	0.7959
		Spar	2.03872	0.20704	0.000	1.3560	2.7214
		Black domes	-0.25467	0.26309	0.985	-1.1590	0.6497
Games-Howell	Carpet	Black semi cohesive mat	-0.52634	0.45393	0.947	-2.3405	1.2879
		Floccules	-0.22280	0.24143	0.991	-0.9917	0.5461
		Network on bulbous mat	-.78134	0.23669	0.042	-1.5473	-0.0154
		Orange gel mat	0.57379	0.24259	0.313	-0.1933	1.3409
		Orange gel mat with black pinnacles	1.06303	0.37363	0.161	-0.2271	2.3532
	Orange/brown bulbous mat	Orange/brown bulbous mat	-.82003	0.22939	0.017	-1.5535	-0.0866
		Spar	1.25738	0.16837	0.000	0.7175	1.7973
		Black domes	-0.82847	0.29420	0.150	-1.8056	0.1487
		Black semi cohesive mat	-1.10013	0.47264	0.405	-2.9198	0.7196
		Floccules	-0.79659	0.27501	0.100	-1.6660	0.0728
	Orange gel mat	Network on bulbous mat	-1.35513	0.27086	0.000	-2.2194	-0.4908
		Carpet	-0.57379	0.24259	0.313	-1.3409	0.1933
		Orange gel mat with black pinnacles	0.48924	0.39615	0.941	-0.8495	1.8280
		Orange/brown bulbous mat	-1.39382	0.26450	0.000	-2.2318	-0.5559
		Spar	.68359	0.21375	0.046	0.0057	1.3614
	Orange gel mat with black pinnacles	Black domes	-1.31771	0.40903	0.072	-2.7068	0.0713
		Black semi cohesive mat	-1.58938	0.55149	0.166	-3.5543	0.3755
		Floccules	-1.28583	0.39544	0.067	-2.6243	0.0526
		Network on bulbous mat	-1.84437	0.39257	0.002	-3.1789	-0.5098
		Carpet	-1.06303	0.37363	0.161	-2.3532	0.2271
Games-Howell	Orange gel mat	Orange gel mat	-0.48924	0.39615	0.941	-1.8280	0.8495
		Orange/brown bulbous mat	-1.88306	0.38821	0.002	-3.2055	-0.5607
		Spar	0.19435	0.35558	1.000	-1.0609	1.4496
		Black domes	0.56535	0.28342	0.560	-0.3889	1.5196
		Black semi cohesive mat	0.29368	0.46600	0.999	-1.5238	2.1111
	Orange/brown bulbous mat	Floccules	0.59723	0.26343	0.374	-0.2416	1.4361
		Network on bulbous mat	0.03868	0.25910	1.000	-0.7959	0.8732

			Carpet	.82003 [*]	0.22939	0.017	0.0866	1.5535
			Orange gel mat	1.39382 [*]	0.26450	0.000	0.5559	2.2318
			Orange gel mat with black pinnacles	1.88306 [*]	0.38821	0.002	0.5607	3.2055
			Spar	2.07741 [*]	0.19864	0.000	1.4357	2.7192
		Spar	Black domes	-1.51205 [*]	0.23676	0.000	-2.3652	-0.6589
			Black semi cohesive mat	-1.78372 [*]	0.43919	0.055	-3.6019	0.0345
			Floccules	-1.48018 [*]	0.21244	0.000	-2.1618	-0.7986
			Network on bulbous mat	-2.03872 [*]	0.20704	0.000	-2.7214	-1.3560
			Carpet	-1.25738 [*]	0.16837	0.000	-1.7973	-0.7175
			Orange gel mat	-.68359 [*]	0.21375	0.046	-1.3614	-0.0057
			Orange gel mat with black pinnacles	-0.19435 [*]	0.35558	1.000	-1.4496	1.0609
			Orange/brown bulbous mat	-2.07741 [*]	0.19864	0.000	-2.7192	-1.4357
Depth (cm)	Tukey HSD	Black domes	Black semi cohesive mat	9.167 [*]	5.431	0.754	-7.80	26.14
			Floccules	6.875 [*]	3.840	0.689	-5.13	18.88
			Network on bulbous mat	8.301 [*]	4.153	0.545	-4.67	21.28
			Carpet	5.173 [*]	3.905	0.923	-7.03	17.38
			Orange gel mat	-5.303 [*]	3.699	0.884	-16.86	6.26
			Orange gel mat with black pinnacles	-13.021 [*]	4.544	0.101	-27.22	1.18
			Orange/brown bulbous mat	5.680 [*]	3.940	0.881	-6.63	17.99
			spar	-5.397 [*]	3.885	0.901	-17.54	6.74
		Black semi cohesive mat	Black domes	-9.167 [*]	5.431	0.754	-26.14	7.80
			Floccules	-2.292 [*]	4.544	1.000	-16.49	11.91
			Network on bulbous mat	-0.865 [*]	4.811	1.000	-15.90	14.17
			Carpet	-3.994 [*]	4.599	0.994	-18.36	10.38
			Orange gel mat	-14.470 [*]	4.426	0.032	-28.30	-0.64
			Orange gel mat with black pinnacles	-22.187 [*]	5.152	0.001	-38.29	-6.09
			Orange/brown bulbous mat	-3.487 [*]	4.629	0.998	-17.95	10.98
			Spar	-14.564 [*]	4.582	0.043	-28.88	-0.25
		Floccules	Black domes	-6.875 [*]	3.840	0.689	-18.88	5.13
			Black semi cohesive mat	2.292 [*]	4.544	1.000	-11.91	16.49
			Network on bulbous mat	1.426 [*]	2.897	1.000	-7.63	10.48
			Carpet	-1.702 [*]	2.530	0.999	-9.61	6.20
			Orange gel mat	-12.178 [*]	2.199	0.000	-19.05	-5.31
			Orange gel mat with black pinnacles	-19.896 [*]	3.435	0.000	-30.63	-9.16
			Orange/brown bulbous mat	-1.195 [*]	2.584	1.000	-9.27	6.88
			Spar	-12.272 [*]	2.498	0.000	-20.08	-4.47
		Network on bulbous mat	Black domes	-8.301 [*]	4.153	0.545	-21.28	4.67
			Black semi cohesive mat	0.865 [*]	4.811	1.000	-14.17	15.90
			Floccules	-1.426 [*]	2.897	1.000	-10.48	7.63
			Carpet	-3.129 [*]	2.983	0.981	-12.45	6.19
			Orange gel mat	-13.605 [*]	2.708	0.000	-22.07	-5.14
			Orange gel mat with black pinnacles	-21.322 [*]	3.781	0.000	-33.14	-9.51
			Orange/brown bulbous mat	-2.621 [*]	3.028	0.995	-12.08	6.84
			Spar	-13.699 [*]	2.956	0.000	-22.94	-4.46
		Carpet	Black domes	-5.173 [*]	3.905	0.923	-17.38	7.03
			Black semi cohesive mat	3.994 [*]	4.599	0.994	-10.38	18.36
			Floccules	1.702 [*]	2.530	0.999	-6.20	9.61
			Network on bulbous mat	3.129 [*]	2.983	0.981	-6.19	12.45
			Orange gel mat	-10.476 [*]	2.311	0.000	-17.70	-3.25
			Orange gel mat with black pinnacles	-18.194 [*]	3.507	0.000	-29.15	-7.23
			Orange/brown bulbous mat	0.507 [*]	2.679	1.000	-7.87	8.88
			Spar	-10.570 [*]	2.597	0.002	-18.69	-2.45
		Orange gel mat	Black domes	5.303 [*]	3.699	0.884	-6.26	16.86
			Black semi cohesive mat	14.470 [*]	4.426	0.032	0.64	28.30
			Floccules	12.178 [*]	2.199	0.000	5.31	19.05
			Network on bulbous mat	13.605 [*]	2.708	0.000	5.14	22.07
			Carpet	10.476 [*]	2.311	0.000	3.25	17.70
			Orange gel mat with black pinnacles	-7.718 [*]	3.277	0.313	-17.96	2.52
			Orange/brown bulbous mat	10.983 [*]	2.369	0.000	3.58	18.39
			Spar	-0.094 [*]	2.276	1.000	-7.21	7.02
		Orange gel mat with black pinnacles	Black domes	13.021 [*]	4.544	0.101	-1.18	27.22
			Black semi cohesive mat	22.188 [*]	5.152	0.001	6.09	38.29
			Floccules	19.896 [*]	3.435	0.000	9.16	30.63
			Network on bulbous mat	21.322 [*]	3.781	0.000	9.51	33.14
			Carpet	18.194 [*]	3.507	0.000	7.23	29.15
			Orange gel mat	7.718 [*]	3.277	0.313	-2.52	17.96
			Orange/brown bulbous mat	18.701 [*]	3.546	0.000	7.62	29.78
			Spar	7.624 [*]	3.484	0.416	-3.26	18.51
		Orange/brown bulbous mat	Black domes	-5.680 [*]	3.940	0.881	-17.99	6.63
			Black semi cohesive mat	3.487 [*]	4.629	0.998	-10.98	17.95
			Floccules	1.195 [*]	2.584	1.000	-6.88	9.27
			Network on bulbous mat	2.621 [*]	3.028	0.995	-6.84	12.08
			Carpet	-0.507 [*]	2.679	1.000	-8.88	7.87
			Orange gel mat	-10.983 [*]	2.369	0.000	-18.39	-3.58
			Orange gel mat with black pinnacles	-18.701 [*]	3.546	0.000	-29.78	-7.62
			Spar	-11.077 [*]	2.649	0.001	-19.36	-2.80
		Spar	Black domes	5.397 [*]	3.885	0.901	-6.74	17.54
			Black semi cohesive mat	14.564 [*]	4.582	0.043	0.25	28.88
			Floccules	12.272 [*]	2.498	0.000	4.47	20.08
			Network on bulbous mat	13.699 [*]	2.956	0.000	4.46	22.94
			Carpet	10.570 [*]	2.597	0.002	2.45	18.69

Games-Howell	Black domes	Orange gel mat	0.094	2.276	1.000	-7.02	7.21
		Orange gel mat with black pinnacles	-7.624	3.484	0.416	-18.51	3.26
		Orange/brown bulbous mat	11.077*	2.649	0.001	2.80	19.36
		Black semi cohesive mat	9.167	5.399	0.740	-9.90	28.23
		Floccules	6.875	4.153	0.763	-7.89	21.64
		Network on bulbous mat	8.301	4.275	0.597	-6.72	23.32
		Carpet	5.173	4.285	0.945	-9.84	20.19
		Orange gel mat	-5.303	4.094	0.918	-19.96	9.36
		Orange gel mat with black pinnacles	-13.021	3.975	0.094	-27.52	1.48
		Orange/brown bulbous mat	5.680	4.246	0.906	-9.26	20.62
		Spar	-5.397	3.981	0.896	-19.89	9.10
	Black semi cohesive mat	Black domes	-9.167	5.399	0.740	-28.23	9.90
		Floccules	-2.292	4.244	1.000	-18.65	14.06
		Network on bulbous mat	-0.865	4.364	1.000	-17.35	15.62
		Carpet	-3.994	4.374	0.987	-20.46	12.48
		Orange gel mat	-14.470	4.187	0.093	-30.79	1.85
		Orange gel mat with black pinnacles	-22.187*	4.070	0.008	-38.50	-5.88
		Orange/brown bulbous mat	-3.487	4.335	0.994	-19.92	12.95
		Spar	-14.564	4.076	0.088	-30.86	1.73
		Black domes	-6.875	4.153	0.763	-21.64	7.89
		Black semi cohesive mat	2.292	4.244	1.000	-14.06	18.65
	Floccules	Network on bulbous mat	1.426	2.674	1.000	-7.18	10.03
		Carpet	-1.702	2.689	0.999	-10.27	6.87
		Orange gel mat	-12.178*	2.374	0.000	-19.69	-4.67
		Orange gel mat with black pinnacles	-19.896*	2.160	0.000	-26.85	-12.94
		Orange/brown bulbous mat	-1.195	2.626	1.000	-9.57	7.18
		Spar	-12.272*	2.172	0.000	-19.19	-5.36
		Black domes	-8.301	4.275	0.597	-23.32	6.72
		Black semi cohesive mat	0.865	4.364	1.000	-15.62	17.35
		Floccules	-1.426	2.674	1.000	-10.03	7.18
		Carpet	-3.129	2.875	0.974	-12.37	6.11
	Network on bulbous mat	Orange gel mat	-13.605*	2.582	0.000	-21.92	-5.29
		Orange gel mat with black pinnacles	-21.322*	2.387	0.000	-29.16	-13.48
		Orange/brown bulbous mat	-2.621	2.816	0.990	-11.69	6.45
		Spar	-13.699*	2.398	0.000	-21.51	-5.89
		Black domes	-5.173	4.285	0.945	-20.19	9.84
		Black semi cohesive mat	3.994	4.374	0.987	-12.48	20.46
		Floccules	1.702	2.689	0.999	-6.87	10.27
		Network on bulbous mat	3.129	2.875	0.974	-6.11	12.37
		Orange gel mat	-10.476*	2.598	0.004	-18.74	-2.21
		Orange gel mat with black pinnacles	-18.194*	2.405	0.000	-25.96	-10.43
	Carpet	Orange/brown bulbous mat	0.507	2.831	1.000	-8.53	9.54
		Spar	-10.570*	2.415	0.001	-18.31	-2.83
		Black domes	5.303	4.094	0.918	-9.36	19.96
		Black semi cohesive mat	14.470	4.187	0.093	-1.85	30.79
		Floccules	12.178*	2.374	0.000	4.67	19.69
		Network on bulbous mat	13.605*	2.582	0.000	5.29	21.92
		Carpet	10.476*	2.598	0.004	2.21	18.74
		Orange gel mat with black pinnacles	-7.718*	2.046	0.010	-14.27	-1.16
		Orange/brown bulbous mat	10.983*	2.533	0.001	2.92	19.05
		Spar	-0.094	2.058	1.000	-6.60	6.41
	Orange gel mat	Black domes	13.021	3.975	0.094	-1.48	27.52
		Black semi cohesive mat	22.188*	4.070	0.008	5.88	38.50
		Floccules	19.896*	2.160	0.000	12.94	26.85
		Network on bulbous mat	21.322*	2.387	0.000	13.48	29.16
		Carpet	18.194*	2.405	0.000	10.43	25.96
		Orange gel mat	7.718*	2.046	0.010	1.16	14.27
		Orange/brown bulbous mat	18.701*	2.334	0.000	11.15	26.25
		Spar	7.624*	1.808	0.003	1.74	13.51
		Black domes	-5.680	4.246	0.906	-20.62	9.26
		Black semi cohesive mat	3.487	4.335	0.994	-12.95	19.92
	Orange gel mat with black pinnacles	Floccules	1.195	2.626	1.000	-7.18	9.57
		Network on bulbous mat	2.621	2.816	0.990	-6.45	11.69
		Carpet	-0.507	2.831	1.000	-9.54	8.53
		Orange gel mat	-10.983*	2.533	0.001	-19.05	-2.92
		Orange gel mat with black pinnacles	-18.701*	2.334	0.000	-26.25	-11.15
		Spar	-11.077*	2.345	0.000	-18.60	-3.55
		Black domes	5.397	3.981	0.896	-9.10	19.89
		Black semi cohesive mat	14.564	4.076	0.088	-1.73	30.86
		Floccules	12.272*	2.172	0.000	5.36	19.19
		Network on bulbous mat	13.699*	2.398	0.000	5.89	21.51
	Orange/brown bulbous mat	Carpet	10.570*	2.415	0.001	2.83	18.31
		Orange gel mat	0.094	2.058	1.000	-6.41	6.60
		Orange gel mat with black pinnacles	-7.624*	1.808	0.003	-13.51	-1.74
		Orange/brown bulbous mat	11.077*	2.345	0.000	3.55	18.60
		Black semi cohesive mat	-9.7208	44.3874	1.000	-148.421	128.979
		Floccules	-47.8083	31.3867	0.844	-145.884	50.267
		Network on bulbous mat	0.2244	33.9387	1.000	-105.826	106.274
		Carpet	-38.3041	31.9180	0.956	-138.040	61.432
		Orange gel mat	-29.4960	30.2356	0.988	-123.975	64.983
		Orange gel mat with black pinnacles	-4.3583	37.1372	1.000	-120.403	111.686
Turbidity (FNU)	Tukey HSD	Black domes					
		Black semi cohesive mat					
		Floccules					
		Network on bulbous mat					
		Carpet					
		Orange gel mat					

		Orange/brown bulbous mat	-22.0412	32.2020	0.999	-122.665	78.582
		spar	4.1155	31.7495	1.000	-95.094	103.325
	Black semi cohesive mat	Black domes	9.7208	44.3874	1.000	-128.979	148.421
		Floccules	-38.0875	37.1372	0.983	-154.132	77.957
		Network on bulbous mat	9.9452	39.3177	1.000	-112.913	132.803
		Carpet	-28.5832	37.5874	0.998	-146.035	88.868
	Orange gel mat	Orange gel mat	-19.7752	36.1696	1.000	-132.796	93.246
		Orange gel mat with black pinnacles	5.3625	42.1096	1.000	-126.220	136.945
		Orange/brown bulbous mat	-12.3204	37.8288	1.000	-130.526	105.885
		Spar	13.8363	37.4444	1.000	-103.168	130.841
	Floccules	Black domes	47.8083	31.3867	0.844	-50.267	145.884
		Black semi cohesive mat	38.0875	37.1372	0.983	-77.957	154.132
		Network on bulbous mat	48.0327	23.6804	0.525	-25.963	122.028
		Carpet	9.5043	20.6806	1.000	-55.118	74.126
	Orange gel mat	Orange gel mat	18.3123	17.9755	0.984	-37.857	74.481
		Orange gel mat with black pinnacles	43.4500	28.0731	0.832	-44.271	131.171
		Orange/brown bulbous mat	25.7671	21.1163	0.952	-40.216	91.750
		Spar	51.9238	20.4196	0.216	-11.882	115.730
	Network on bulbous mat	Black domes	-0.2244	33.9387	1.000	-106.274	105.826
		Black semi cohesive mat	-9.9452	39.3177	1.000	-132.803	112.913
		Floccules	-48.0327	23.6804	0.525	-122.028	25.963
		Carpet	-38.5284	24.3803	0.815	-114.711	37.654
	Orange gel mat	Orange gel mat	-29.7204	22.1322	0.917	-98.878	39.437
		Orange gel mat with black pinnacles	-4.5827	30.9000	1.000	-101.138	91.972
		Orange/brown bulbous mat	-22.2656	24.7510	0.993	-99.606	55.075
		Spar	3.8911	24.1593	1.000	-71.601	79.383
	Carpet	Black domes	38.3041	31.9180	0.956	-61.432	138.040
		Black semi cohesive mat	28.5832	37.5874	0.998	-88.868	146.035
		Floccules	-9.5043	20.6806	1.000	-74.126	55.118
		Network on bulbous mat	38.5284	24.3803	0.815	-37.654	114.711
	Orange gel mat	Orange gel mat	8.8081	18.8881	1.000	-50.212	67.829
		Orange gel mat with black pinnacles	33.9457	28.6659	0.959	-55.628	123.520
		Orange/brown bulbous mat	16.2628	21.8983	0.998	-52.164	84.690
		Spar	42.4196	21.2273	0.546	-23.910	108.750
	Orange gel mat	Black domes	29.4960	30.2356	0.988	-64.983	123.975
		Black semi cohesive mat	19.7752	36.1696	1.000	-93.246	132.796
		Floccules	-18.3123	17.9755	0.984	-74.481	37.857
		Network on bulbous mat	29.7204	22.1322	0.917	-39.437	98.878
	Orange gel mat with black pinnacles	Carpet	-8.8081	18.8881	1.000	-67.829	50.212
		Orange gel mat with black pinnacles	25.1377	26.7800	0.991	-58.543	108.819
		Orange/brown bulbous mat	7.4548	19.3641	1.000	-53.053	67.963
		Spar	33.6115	18.6019	0.678	-24.515	91.738
	Orange gel mat with black pinnacles	Black domes	4.3583	37.1372	1.000	-111.686	120.403
		Black semi cohesive mat	-5.3625	42.1096	1.000	-136.945	126.220
		Floccules	-43.4500	28.0731	0.832	-131.171	44.271
		Network on bulbous mat	4.5827	30.9000	1.000	-91.972	101.138
	Orange/brown bulbous mat	Carpet	-33.9457	28.6659	0.959	-123.520	55.628
		Orange gel mat	-25.1377	26.7800	0.991	-108.819	58.543
		Orange/brown bulbous mat	-17.6829	28.9818	1.000	-108.244	72.878
		Spar	8.4738	28.4782	1.000	-80.514	97.461
	Orange gel mat	Black domes	22.0412	32.2020	0.999	-78.582	122.665
		Black semi cohesive mat	12.3204	37.8288	1.000	-105.885	130.526
		Floccules	-25.7671	21.1163	0.952	-91.750	40.216
		Network on bulbous mat	22.2656	24.7510	0.993	-55.075	99.606
	Carpet	Carpet	-16.2628	21.8983	0.998	-84.690	52.164
		Orange gel mat	-7.4548	19.3641	1.000	-67.963	53.053
		Orange gel mat with black pinnacles	17.6829	28.9818	1.000	-72.878	108.244
		Spar	26.1567	21.6520	0.954	-41.500	93.814
	Spar	Black domes	-4.1155	31.7495	1.000	-103.325	95.094
		Black semi cohesive mat	-13.8363	37.4444	1.000	-130.841	103.168
		Floccules	-51.9238	20.4196	0.216	-115.730	11.882
		Network on bulbous mat	-3.8911	24.1593	1.000	-79.383	71.601
	Orange/brown bulbous mat	Carpet	-42.4196	21.2273	0.546	-108.750	23.910
		Orange gel mat	-33.6115	18.6019	0.678	-91.738	24.515
		Orange gel mat with black pinnacles	-8.4738	28.4782	1.000	-97.461	80.514
		Orange/brown bulbous mat	-26.1567	21.6520	0.954	-93.814	41.500
Games-Howell	Black domes	Black semi cohesive mat	-9.7208	6.1453	0.792	-34.933	15.491
		Floccules	-47.8083	12.0009	0.006	-86.765	-8.852
		Network on bulbous mat	0.2244	2.4580	1.000	-7.884	8.332
		Carpet	-38.3041	22.8647	0.757	-113.200	36.592
	Orange gel mat	Orange gel mat	-29.4960	14.3149	0.507	-75.211	16.219
		Orange gel mat with black pinnacles	-4.3583	4.9396	0.991	-21.698	12.981
		Orange/brown bulbous mat	-22.0412	19.0388	0.960	-84.668	40.586
		Spar	4.1155	1.7164	0.335	-1.798	10.029
	Black semi cohesive mat	Black domes	9.7208	6.1453	0.792	-15.491	34.933
		Floccules	-38.0875	13.3267	0.124	-81.222	5.047
		Network on bulbous mat	9.9452	6.2945	0.794	-15.235	35.125
		Carpet	-28.5832	23.5875	0.950	-105.455	48.289
	Orange gel mat	Orange gel mat	-19.7752	15.4433	0.934	-69.064	29.513
		Orange gel mat with black pinnacles	5.3625	7.6144	0.998	-21.811	32.536
		Orange/brown bulbous mat	-12.3204	19.9011	0.999	-77.328	52.688
		Spar	13.8363	6.0436	0.443	-11.426	39.099
	Floccules	Black domes	47.8083	12.0009	0.006	8.852	86.765

	Black semi cohesive mat	38.0875	13.3267	0.124	-5.047	81.222
	Network on bulbous mat	48.0327*	12.0780	0.006	8.870	87.195
	Carpet	9.5043	25.7416	1.000	-73.276	92.285
	Orange gel mat	18.3123	18.5675	0.987	-40.339	76.964
	Orange gel mat with black pinnacles	43.4500*	12.8155	0.032	2.174	84.726
	Orange/brown bulbous mat	25.7671	22.4123	0.964	-46.180	97.714
	Spar	51.9238*	11.9491	0.002	13.106	90.742
	Black domes	-0.2244	2.4580	1.000	-8.332	7.884
	Black semi cohesive mat	-9.9452	6.2945	0.794	-35.125	15.235
	Floccules	-48.0327*	12.0780	0.006	-87.195	-8.870
	Carpet	-38.5284	22.9052	0.753	-113.529	36.472
	Orange gel mat	-29.7204	14.3796	0.503	-75.619	16.178
	Orange gel mat with black pinnacles	-4.5827	5.1240	0.991	-22.282	13.117
	Orange/brown bulbous mat	-22.2656	19.0875	0.959	-85.016	40.484
	Spar	3.8911	2.1913	0.697	-3.334	11.117
	Black domes	38.3041	22.8647	0.757	-36.592	113.200
	Black semi cohesive mat	28.5832	23.5875	0.950	-48.289	105.455
	Floccules	-9.5043	25.7416	1.000	-92.285	73.276
	Network on bulbous mat	38.5284	22.9052	0.753	-36.472	113.529
Carpet	Orange gel mat	8.8081	26.8984	1.000	-77.237	94.853
	Orange gel mat with black pinnacles	33.9457	23.3025	0.869	-42.100	109.992
	Orange/brown bulbous mat	16.2628	29.6830	1.000	-78.532	111.058
	Spar	42.4196	22.8375	0.645	-32.407	117.246
	Black domes	29.4960	14.3149	0.507	-16.219	75.211
	Black semi cohesive mat	19.7752	15.4433	0.934	-29.513	69.064
	Floccules	-18.3123	18.5675	0.987	-76.964	40.339
	Network on bulbous mat	29.7204	14.3796	0.503	-16.178	75.619
	Carpet	-8.8081	26.8984	1.000	-94.853	77.237
	Orange gel mat with black pinnacles	25.1377	15.0043	0.760	-22.608	72.884
Orange gel mat	Orange/brown bulbous mat	7.4548	23.7320	1.000	-68.263	83.172
	Spar	33.6115	14.2715	0.324	-11.980	79.203
	Black domes	4.3583	4.9396	0.991	-12.981	21.698
	Black semi cohesive mat	-5.3625	7.6144	0.998	-32.536	21.811
	Floccules	-43.4500*	12.8155	0.032	-84.726	-2.174
	Network on bulbous mat	4.5827	5.1240	0.991	-13.117	22.282
	Carpet	-33.9457	23.3025	0.869	-109.992	42.100
	Orange gel mat	-25.1377	15.0043	0.760	-72.884	22.608
	Orange/brown bulbous mat	-17.6829	19.5625	0.992	-81.677	46.311
	Spar	8.4738	4.8125	0.705	-8.623	25.571
Orange gel mat with black pinnacles	Black domes	22.0412	19.0388	0.960	-40.586	84.668
	Black semi cohesive mat	12.3204	19.9011	0.999	-52.688	77.328
	Floccules	-25.7671	22.4123	0.964	-97.714	46.180
	Network on bulbous mat	22.2656	19.0875	0.959	-40.484	85.016
	Carpet	-16.2628	29.6830	1.000	-111.058	78.532
	Orange gel mat	-7.4548	23.7320	1.000	-83.172	68.263
	Orange gel mat with black pinnacles	17.6829	19.5625	0.992	-46.311	81.677
	Spar	26.1567	19.0062	0.900	-36.388	88.701
	Black domes	-4.1155	1.7164	0.335	-10.029	1.798
	Black semi cohesive mat	-13.8363	6.0436	0.443	-39.099	11.426
Orange/brown bulbous mat	Floccules	-51.9238*	11.9491	0.002	-90.742	-13.106
	Network on bulbous mat	-3.8911	2.1913	0.697	-11.117	3.334
	Carpet	-42.4196	22.8375	0.645	-117.246	32.407
	Orange gel mat	-33.6115	14.2715	0.324	-79.203	11.980
	Orange gel mat with black pinnacles	-8.4738	4.8125	0.705	-25.571	8.623
	Orange/brown bulbous mat	-26.1567	19.0062	0.900	-88.701	36.388
Spar	Black domes	-4.1155	1.7164	0.335	-10.029	1.798
	Black semi cohesive mat	-13.8363	6.0436	0.443	-39.099	11.426
	Floccules	-51.9238*	11.9491	0.002	-90.742	-13.106
	Network on bulbous mat	-3.8911	2.1913	0.697	-11.117	3.334
	Carpet	-42.4196	22.8375	0.645	-117.246	32.407
	Orange gel mat	-33.6115	14.2715	0.324	-79.203	11.980
	Orange gel mat with black pinnacles	-8.4738	4.8125	0.705	-25.571	8.623
	Orange/brown bulbous mat	-26.1567	19.0062	0.900	-88.701	36.388

*. The mean difference is significant at the 0.05 level.