

Pairwise Tukey's HSD, p.adj: Dunnett

Tukey(Alpha.Score ~ Temperature*Time); Exposed fish

Temperature	y.	term	group1	group2	estimate	std.error	statistic	adj.p.value	Variance
Shannon									
28	Alpha.Score	DPE	21	14	-3.311	1.822	-1.817	0.246	DPE
28	Alpha.Score	DPE	28	14	-2.027	1.023	-1.982	0.178	DPE
28	Alpha.Score	DPE	42	14	-1.024	0.705	-1.452	≥0.25	DPE
28	Alpha.Score	DPE	28	21	1.284	1.982	0.648	≥0.25	DPE
28	Alpha.Score	DPE	42	21	2.287	1.838	1.245	≥0.25	DPE
28	Alpha.Score	DPE	42	28	1.004	1.050	0.956	≥0.25	DPE
32	Alpha.Score	DPE	21	14	-0.536	0.537	-0.999	≥0.25	DPE
32	Alpha.Score	DPE	28	14	0.056	0.558	0.099	≥0.25	DPE
32	Alpha.Score	DPE	42	14	-0.271	0.532	-0.509	≥0.25	DPE
32	Alpha.Score	DPE	28	21	0.592	0.606	0.977	≥0.25	DPE
32	Alpha.Score	DPE	42	21	0.266	0.581	0.457	≥0.25	DPE
32	Alpha.Score	DPE	42	28	-0.326	0.601	-0.543	≥0.25	DPE
35	Alpha.Score	DPE	21	14	-0.246	0.270	-0.909	≥0.25	DPE
35	Alpha.Score	DPE	28	14	-0.292	0.271	-1.075	≥0.25	DPE
35	Alpha.Score	DPE	42	14	0.097	0.258	0.377	≥0.25	DPE
35	Alpha.Score	DPE	28	21	-0.046	0.283	-0.162	≥0.25	DPE
35	Alpha.Score	DPE	42	21	0.343	0.270	1.273	≥0.25	DPE
35	Alpha.Score	DPE	42	28	0.389	0.271	1.438	≥0.25	DPE
Simpson									
28	Alpha.Score	DPE	21	14	-3.141	1.820	-1.725	≥0.25	DPE
28	Alpha.Score	DPE	28	14	-1.994	1.072	-1.861	0.227	DPE
28	Alpha.Score	DPE	42	14	-0.925	0.721	-1.283	≥0.25	DPE
28	Alpha.Score	DPE	28	21	1.147	2.001	0.573	≥0.25	DPE

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28	Alpha.Score	DPE	42	21	2.215	1.837	1.206	≥0.25	DPE
28	Alpha.Score	DPE	42	28	1.069	1.100	0.971	≥0.25	DPE
32	Alpha.Score	DPE	21	14	-0.416	0.550	-0.756	≥0.25	DPE
32	Alpha.Score	DPE	28	14	0.275	0.580	0.474	≥0.25	DPE
32	Alpha.Score	DPE	42	14	-0.138	0.546	-0.252	≥0.25	DPE
32	Alpha.Score	DPE	28	21	0.691	0.626	1.103	≥0.25	DPE
32	Alpha.Score	DPE	42	21	0.278	0.595	0.467	≥0.25	DPE
32	Alpha.Score	DPE	42	28	-0.413	0.623	-0.662	≥0.25	DPE
35	Alpha.Score	DPE	21	14	-0.374	0.297	-1.258	≥0.25	DPE
35	Alpha.Score	DPE	28	14	-0.285	0.296	-0.966	≥0.25	DPE
35	Alpha.Score	DPE	42	14	0.142	0.284	0.502	≥0.25	DPE
35	Alpha.Score	DPE	28	21	0.088	0.308	0.287	≥0.25	DPE
35	Alpha.Score	DPE	42	21	0.516	0.297	1.738	≥0.25	DPE
35	Alpha.Score	DPE	42	28	0.428	0.295	1.448	≥0.25	DPE
Richness									
28	Alpha.Score	DPE	21	14	-2.219	1.016	-2.185	0.123	DPE
28	Alpha.Score	DPE	28	14	-1.585	0.795	-1.993	0.184	DPE
28	Alpha.Score	DPE	42	14	-1.239	0.650	-1.907	0.218	DPE
28	Alpha.Score	DPE	28	21	0.634	1.133	0.560	≥0.25	DPE
28	Alpha.Score	DPE	42	21	0.980	1.036	0.946	≥0.25	DPE
28	Alpha.Score	DPE	42	28	0.346	0.821	0.421	≥0.25	DPE
32	Alpha.Score	DPE	21	14	-0.561	0.412	-1.363	≥0.25	DPE
32	Alpha.Score	DPE	28	14	-0.470	0.430	-1.091	≥0.25	DPE
32	Alpha.Score	DPE	42	14	-0.357	0.410	-0.871	≥0.25	DPE

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Temperature	.y.	term	group1	group2	estimate	std.error	statistic	adj.p.value	Variable
32	Alpha.Score	DPE	28	21	0.092	0.462	0.199	≥0.25	DPE
32	Alpha.Score	DPE	42	21	0.204	0.444	0.460	≥0.25	DPE
32	Alpha.Score	DPE	42	28	0.112	0.461	0.243	≥0.25	DPE
35	Alpha.Score	DPE	21	14	-0.338	0.242	-1.396	≥0.25	DPE
35	Alpha.Score	DPE	28	14	-0.329	0.242	-1.361	≥0.25	DPE
35	Alpha.Score	DPE	42	14	-0.233	0.233	-1.000	≥0.25	DPE
35	Alpha.Score	DPE	28	21	0.009	0.252	0.035	≥0.25	DPE
35	Alpha.Score	DPE	42	21	0.105	0.244	0.430	≥0.25	DPE
35	Alpha.Score	DPE	42	28	0.096	0.244	0.394	≥0.25	DPE
Phylogenetic									
28	Alpha.Score	DPE	21	14	-2.030	0.921	-2.205	0.118	DPE
28	Alpha.Score	DPE	28	14	-1.472	0.742	-1.985	0.188	DPE
28	Alpha.Score	DPE	42	14	-1.216	0.616	-1.975	0.192	DPE
28	Alpha.Score	DPE	28	21	0.557	1.029	0.542	≥0.25	DPE
28	Alpha.Score	DPE	42	21	0.814	0.942	0.864	≥0.25	DPE
28	Alpha.Score	DPE	42	28	0.256	0.768	0.334	≥0.25	DPE
32	Alpha.Score	DPE	21	14	-0.537	0.382	-1.406	≥0.25	DPE
32	Alpha.Score	DPE	28	14	-0.442	0.399	-1.108	≥0.25	DPE
32	Alpha.Score	DPE	42	14	-0.329	0.380	-0.866	≥0.25	DPE
32	Alpha.Score	DPE	28	21	0.095	0.430	0.222	≥0.25	DPE
32	Alpha.Score	DPE	42	21	0.208	0.413	0.504	≥0.25	DPE
32	Alpha.Score	DPE	42	28	0.113	0.428	0.263	≥0.25	DPE
35	Alpha.Score	DPE	21	14	-0.273	0.236	-1.159	≥0.25	DPE
35	Alpha.Score	DPE	28	14	-0.214	0.235	-0.911	≥0.25	DPE

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Temperature	.y.	term	group1	group2	estimate	std.error	statistic	adj.p.value	Variation
35	Alpha.Score	DPE	42	14	-0.121	0.226	-0.535	≥0.25	DPE
35	Alpha.Score	DPE	28	21	0.059	0.246	0.242	≥0.25	DPE
35	Alpha.Score	DPE	42	21	0.152	0.237	0.642	≥0.25	DPE
35	Alpha.Score	DPE	42	28	0.093	0.236	0.393	≥0.25	DPE