Pairwise Tukey's HSD, p.adj: Dunnett

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

Temperature	.y.	term	group1	group2	estimate	std.error	statistic	adj.p.value	Varia
Shannon									
28	Alpha.Score	DPE	14	0	1.065	0.294	3.625	0.003	DPE
28	Alpha.Score	DPE	21	0	0.722	0.281	2.566	0.076	DPE
28	Alpha.Score	DPE	28	0	1.187	0.274	4.335	<0.001	DPE
28	Alpha.Score	DPE	42	0	0.548	0.296	1.853	≥0.25	DPE
28	Alpha.Score	DPE	21	14	−0.343	0.317	−1.083	≥0.25	DPE
28	Alpha.Score	DPE	28	14	0.122	0.310	0.392	≥0.25	DPE
28	Alpha.Score	DPE	42	14	−0.517	0.330	−1.567	≥0.25	DPE
28	Alpha.Score	DPE	28	21	0.465	0.299	1.558	≥0.25	DPE
28	Alpha.Score	DPE	42	21	−0.174	0.319	−0.545	≥0.25	DPE
28	Alpha.Score	DPE	42	28	−0.639	0.312	−2.045	0.243	DPE
32	Alpha.Score	DPE	14	0	0.006	0.250	0.022	≥0.25	DPE
32	Alpha.Score	DPE	21	0	0.112	0.247	0.452	≥0.25	DPE
32	Alpha.Score	DPE	28	0	0.420	0.248	1.695	≥0.25	DPE
32	Alpha.Score	DPE	42	0	0.694	0.236	2.943	0.027	DPE
32	Alpha.Score	DPE	21	14	0.106	0.286	0.371	≥0.25	DPE
32	Alpha.Score	DPE	28	14	0.414	0.287	1.445	≥0.25	DPE
32	Alpha.Score	DPE	42	14	0.688	0.276	2.490	0.092	DPE
32	Alpha.Score	DPE	28	21	0.308	0.283	1.087	≥0.25	DPE
32	Alpha.Score	DPE	42	21	0.582	0.273	2.131	0.205	DPE
32	Alpha.Score	DPE	42	28	0.274	0.274	1.001	≥0.25	DPE
35	Alpha.Score	DPE	14	0	−0.006	0.210	−0.027	≥0.25	DPE
35	Alpha.Score	DPE	21	0	−0.249	0.218	−1.145	≥0.25	DPE
35	Alpha.Score	DPE	28	0	0.232	0.204	1.138	≥0.25	DPE

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Temperature	.y.	term	group1	group2	estimate	std.error	statistic	adj.p.value	Varia
35	Alpha.Score	DPE	42	0	0.661	0.207	3.194	0.012	DPE
35	Alpha.Score	DPE	21	14	−0.243	0.253	−0.962	≥0.25	DPE
35	Alpha.Score	DPE	28	14	0.238	0.242	0.985	≥0.25	DPE
35	Alpha.Score	DPE	42	14	0.667	0.244	2.733	0.048	DPE
35	Alpha.Score	DPE	28	21	0.481	0.248	1.938	≥0.25	DPE
35	Alpha.Score	DPE	42	21	0.910	0.251	3.628	0.003	DPE
35	Alpha.Score	DPE	42	28	0.429	0.239	1.792	≥0.25	DPE
Simpson									
28	Alpha.Score	DPE	14	0	1.256	0.273	4.611	<0.001	DPE
28	Alpha.Score	DPE	21	0	0.761	0.247	3.076	0.018	DPE
28	Alpha.Score	DPE	28	0	1.334	0.254	5.241	<0.001	DPE
28	Alpha.Score	DPE	42	0	0.514	0.257	2.002	≥0.25	DPE
28	Alpha.Score	DPE	21	14	−0.496	0.302	−1.644	≥0.25	DPE
28	Alpha.Score	DPE	28	14	0.077	0.308	0.251	≥0.25	DPE
28	Alpha.Score	DPE	42	14	−0.742	0.310	−2.398	0.114	DPE
28	Alpha.Score	DPE	28	21	0.573	0.285	2.008	≥0.25	DPE
28	Alpha.Score	DPE	42	21	−0.246	0.288	−0.857	≥0.25	DPE
28	Alpha.Score	DPE	42	28	−0.819	0.294	−2.789	0.041	DPE
32	Alpha.Score	DPE	14	0	0.065	0.249	0.261	≥0.25	DPE
32	Alpha.Score	DPE	21	0	0.142	0.249	0.569	≥0.25	DPE
32	Alpha.Score	DPE	28	0	0.592	0.261	2.272	0.152	DPE
32	Alpha.Score	DPE	42	0	0.724	0.254	2.850	0.035	DPE
32	Alpha.Score	DPE	21	14	0.077	0.287	0.267	≥0.25	DPE
32	Alpha.Score	DPE	28	14	0.527	0.297	1.773	≥0.25	DPE

Pairwise Tukey's HSD, p.adj: Dunnett

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

Temperature	.y.	term	group1	group2	estimate	std.error	statistic	adj.p.value	Varia
32	Alpha.Score	DPE	42	14	0.659	0.292	2.260	0.156	DPE
32	Alpha.Score	DPE	28	21	0.451	0.297	1.517	≥0.25	DPE
32	Alpha.Score	DPE	42	21	0.582	0.291	1.999	≥0.25	DPE
32	Alpha.Score	DPE	42	28	0.132	0.302	0.436	≥0.25	DPE
35	Alpha.Score	DPE	14	0	0.149	0.219	0.683	≥0.25	DPE
35	Alpha.Score	DPE	21	0	−0.167	0.218	−0.766	≥0.25	DPE
35	Alpha.Score	DPE	28	0	0.413	0.222	1.858	≥0.25	DPE
35	Alpha.Score	DPE	42	0	0.836	0.244	3.431	0.005	DPE
35	Alpha.Score	DPE	21	14	−0.316	0.257	−1.232	≥0.25	DPE
35	Alpha.Score	DPE	28	14	0.263	0.260	1.013	≥0.25	DPE
35	Alpha.Score	DPE	42	14	0.687	0.279	2.465	0.097	DPE
35	Alpha.Score	DPE	28	21	0.579	0.260	2.233	0.165	DPE
35	Alpha.Score	DPE	42	21	1.003	0.278	3.604	0.003	DPE
35	Alpha.Score	DPE	42	28	0.424	0.282	1.506	≥0.25	DPE
Richness									
28	Alpha.Score	DPE	14	0	0.432	0.236	1.836	≥0.25	DPE
28	Alpha.Score	DPE	21	0	0.550	0.218	2.526	0.084	DPE
28	Alpha.Score	DPE	28	0	0.767	0.218	3.525	0.004	DPE
28	Alpha.Score	DPE	42	0	0.970	0.227	4.278	<0.001	DPE
28	Alpha.Score	DPE	21	14	0.118	0.263	0.449	≥0.25	DPE
28	Alpha.Score	DPE	28	14	0.335	0.262	1.275	≥0.25	DPE
28	Alpha.Score	DPE	42	14	0.537	0.270	1.990	≥0.25	DPE
28	Alpha.Score	DPE	28	21	0.217	0.247	0.880	≥0.25	DPE
28	Alpha.Score	DPE	42	21	0.419	0.255	1.647	≥0.25	DPE

Pairwise Tukey's HSD, p.adj: Dunnett

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

Temperature	.y.	term	group1	group2	estimate	std.error	statistic	adj.p.value	Varia
28	Alpha.Score	DPE	42	28	0.203	0.254	0.796	≥0.25	DPE
32	Alpha.Score	DPE	14	0	−0.170	0.177	−0.965	≥0.25	DPE
32	Alpha.Score	DPE	21	0	−0.026	0.175	−0.147	≥0.25	DPE
32	Alpha.Score	DPE	28	0	0.187	0.180	1.041	≥0.25	DPE
32	Alpha.Score	DPE	42	0	0.769	0.176	4.359	<0.001	DPE
32	Alpha.Score	DPE	21	14	0.145	0.204	0.711	≥0.25	DPE
32	Alpha.Score	DPE	28	14	0.358	0.208	1.721	≥0.25	DPE
32	Alpha.Score	DPE	42	14	0.939	0.205	4.585	<0.001	DPE
32	Alpha.Score	DPE	28	21	0.213	0.206	1.031	≥0.25	DPE
32	Alpha.Score	DPE	42	21	0.794	0.203	3.906	<0.001	DPE
32	Alpha.Score	DPE	42	28	0.581	0.208	2.801	0.040	DPE
35	Alpha.Score	DPE	14	0	−0.560	0.214	−2.612	0.067	DPE
35	Alpha.Score	DPE	21	0	−0.551	0.214	−2.578	0.073	DPE
35	Alpha.Score	DPE	28	0	0.110	0.196	0.561	≥0.25	DPE
35	Alpha.Score	DPE	42	0	0.007	0.206	0.036	≥0.25	DPE
35	Alpha.Score	DPE	21	14	0.008	0.259	0.032	≥0.25	DPE
35	Alpha.Score	DPE	28	14	0.670	0.245	2.733	0.048	DPE
35	Alpha.Score	DPE	42	14	0.567	0.253	2.240	0.162	DPE
35	Alpha.Score	DPE	28	21	0.661	0.245	2.702	0.053	DPE
35	Alpha.Score	DPE	42	21	0.559	0.253	2.210	0.173	DPE
35	Alpha.Score	DPE	42	28	−0.103	0.238	−0.431	≥0.25	DPE
Phylogenetic									
28	Alpha.Score	DPE	14	0	0.452	0.229	1.969	≥0.25	DPE
28	Alpha.Score	DPE	21	0	0.679	0.211	3.210	0.011	DPE

Pairwise Tukey's HSD, p.adj: Dunnett

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

Temperature	.y.	term	group1	group2	estimate	std.error	statistic	adj.p.value	Varia
28	Alpha.Score	DPE	28	0	0.872	0.212	4.120	<0.001	DPE
28	Alpha.Score	DPE	42	0	1.012	0.220	4.602	<0.001	DPE
28	Alpha.Score	DPE	21	14	0.227	0.254	0.893	≥0.25	DPE
28	Alpha.Score	DPE	28	14	0.420	0.254	1.651	≥0.25	DPE
28	Alpha.Score	DPE	42	14	0.560	0.261	2.142	0.200	DPE
28	Alpha.Score	DPE	28	21	0.193	0.238	0.809	≥0.25	DPE
28	Alpha.Score	DPE	42	21	0.333	0.246	1.353	≥0.25	DPE
28	Alpha.Score	DPE	42	28	0.140	0.246	0.569	≥0.25	DPE
32	Alpha.Score	DPE	14	0	−0.030	0.164	−0.181	≥0.25	DPE
32	Alpha.Score	DPE	21	0	0.154	0.163	0.945	≥0.25	DPE
32	Alpha.Score	DPE	28	0	0.260	0.168	1.550	≥0.25	DPE
32	Alpha.Score	DPE	42	0	0.753	0.164	4.594	<0.001	DPE
32	Alpha.Score	DPE	21	14	0.183	0.188	0.974	≥0.25	DPE
32	Alpha.Score	DPE	28	14	0.290	0.193	1.503	≥0.25	DPE
32	Alpha.Score	DPE	42	14	0.783	0.190	4.130	<0.001	DPE
32	Alpha.Score	DPE	28	21	0.107	0.192	0.556	≥0.25	DPE
32	Alpha.Score	DPE	42	21	0.599	0.188	3.185	0.012	DPE
32	Alpha.Score	DPE	42	28	0.493	0.193	2.555	0.078	DPE
35	Alpha.Score	DPE	14	0	−0.393	0.204	−1.929	≥0.25	DPE
35	Alpha.Score	DPE	21	0	−0.453	0.206	−2.198	0.177	DPE
35	Alpha.Score	DPE	28	0	0.090	0.192	0.468	≥0.25	DPE
35	Alpha.Score	DPE	42	0	−0.111	0.204	−0.542	≥0.25	DPE
35	Alpha.Score	DPE	21	14	−0.059	0.246	−0.241	≥0.25	DPE
35	Alpha.Score	DPE	28	14	0.483	0.235	2.057	0.235	DPE

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Temperature	.y.	term	group1	group2	estimate	std.error	statistic	adj.p.value	Varia
35	Alpha.Score	DPE	42	14	0.282	0.245	1.153	≥0.25	DPE
35	Alpha.Score	DPE	28	21	0.542	0.237	2.292	0.145	DPE
35	Alpha.Score	DPE	42	21	0.342	0.247	1.386	≥0.25	DPE
35	Alpha.Score	DPE	42	28	−0.200	0.235	−0.853	≥0.25	DPE