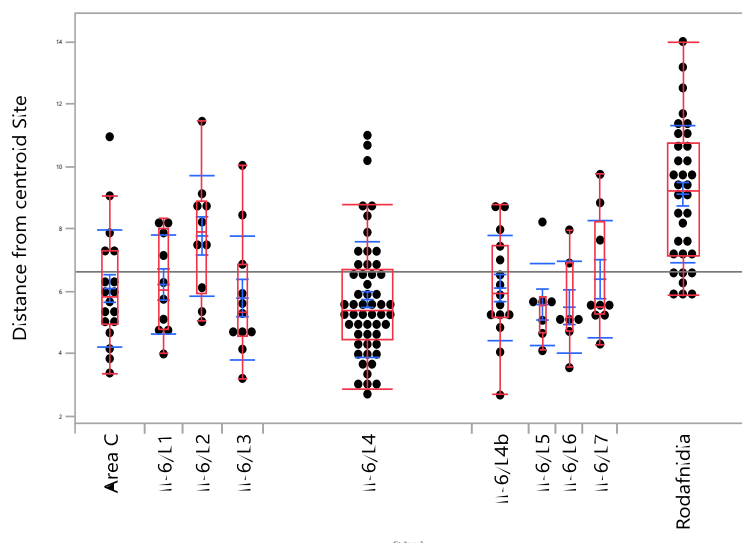


Statistical Analyses of cleavers morphological variables vs. provenance

Oneway Analysis of Distance from centroid Site By Site/Layer 2



Means and Std Deviations

Level	Number	Mean	Std Dev	Std Err Mean	Lower 95%	Upper 95%
Area C	18	6.0993838	1.8772341	0.4424683	5.1658572	7.0329103
II-6/L1	10	6.2274713	1.5872664	0.5019377	5.0920094	7.3629333
II-6/L2	10	7.7850313	1.9330052	0.6112699	6.4022427	9.1678199
II-6/L3	11	5.7937635	1.9856364	0.5986919	4.4597948	7.1277321
II-6/L4	54	5.7451451	1.8539551	0.2522913	5.2391127	6.2511774
II-6/L4b	15	6.1135114	1.6864657	0.4354436	5.1795779	7.047445
II-6/L5	7	5.5853359	1.3137473	0.4965498	4.3703223	6.8003495
II-6/L6	7	5.5002375	1.4721724	0.5564289	4.1387052	6.8617699
II-6/L7	9	6.3980657	1.87887	0.62629	4.9538383	7.842293
Rodafnidia	34	9.123652	2.1983224	0.3770092	8.356621	9.8906829

Wilcoxon / Kruskal-Wallis Tests (Rank Sums)

Level	Count	Score Sum	Expected Score	Score Mean	(Mean-Mean0)/Std0
Area C	18	1394.00	1584.00	77.444	-0.931
II-6/L1	10	810.000	880.000	81.000	-0.447
II-6/L2	10	1182.00	880.000	118.200	1.938
II-6/L3	11	738.000	968.000	67.091	-1.411
II-6/L4	54	3672.00	4752.00	68.000	-3.487
II-6/L4b	15	1222.00	1320.00	81.467	-0.520
II-6/L5	7	451.000	616.000	64.429	-1.253
II-6/L6	7	418.000	616.000	59.714	-1.504

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Level	Count	Score Sum	Expected Score	Score Mean	(Mean-Mean0)/Std0
II-6/L7	9	761.000	792.000	84.556	-0.206
Rodafnidia	34	4752.00	2992.00	139.765	6.636

Kruskal-Wallis Test, ChiSquare Approximation

ChiSquare	DF	Prob>ChiSq
54.2992	9	<.0001*

Nonparametric Comparisons For Each Pair Using Wilcoxon Method

q*	Alpha
1.95996	0.05

Level	- Level	Score Mean Difference	Std Err Dif	Z	p-Value	Hodges-Lehmann	Lower CL	Upper CL
Rodafnidia	II-6/L4	34.0545	5.593076	6.08868	<.0001*	3.40660	2.42534	4.36317
Rodafnidia	Area C	19.0752	4.417484	4.31811	<.0001*	3.10153	1.76254	4.34676
Rodafnidia	II-6/L5	18.3466	4.971980	3.69001	0.0002*	3.52586	1.71357	5.27571
Rodafnidia	II-6/L4b	17.8225	4.428997	4.02406	<.0001*	2.97190	1.57248	4.32506
Rodafnidia	II-6/L3	17.3864	4.555804	3.81631	0.0001*	3.37846	1.75234	4.94948
Rodafnidia	II-6/L6	17.1408	4.971980	3.44747	0.0006*	3.57665	1.73556	5.48337
Rodafnidia	II-6/L1	15.7235	4.620924	3.40268	0.0007*	2.73083	1.32293	4.47509
Rodafnidia	II-6/L7	14.6846	4.706992	3.11975	0.0018*	2.77407	1.08360	4.44447
Rodafnidia	II-6/L2	7.5706	4.620924	1.63833	0.1014	1.35997	-0.33602	2.90315
II-6/L2	Area C	7.0778	3.244368	2.18156	0.0291*	1.83347	0.07004	3.31039
II-6/L7	II-6/L4	6.1574	6.599663	0.93299	0.3508	0.48535	-0.61634	2.05416
II-6/L4b	II-6/L4	6.0056	5.855513	1.02562	0.3051	0.50019	-0.44806	1.54119
II-6/L2	II-6/L1	4.9000	2.645751	1.85203	0.0640	1.34168	-0.16717	3.42417
II-6/L7	II-6/L6	3.5556	2.399294	1.48192	0.1384	0.54814	-1.37430	2.92898
II-6/L4b	II-6/L3	2.6788	3.036146	0.88230	0.3776	0.60527	-0.99933	1.95068
II-6/L7	II-6/L3	1.8182	2.659080	0.68376	0.4941	0.62628	-1.04300	2.32519
II-6/L4b	Area C	1.0389	3.380500	0.30732	0.7586	0.16371	-1.02136	1.40070
II-6/L7	II-6/L5	1.0159	2.399294	0.42340	0.6720	0.41148	-0.57844	3.23427
II-6/L7	Area C	0.9167	3.240370	0.28289	0.7773	0.17735	-1.00090	1.85544
II-6/L1	Area C	0.8556	3.244368	0.26370	0.7920	0.16607	-1.13801	1.85397
II-6/L7	II-6/L4b	0.5333	2.981424	0.17889	0.8580	0.05957	-1.25351	2.15426
II-6/L7	II-6/L1	0.5278	2.585573	0.20412	0.8383	0.31635	-1.97394	1.69580
II-6/L4	II-6/L3	0.1641	6.254628	0.02624	0.9791	0.01910	-1.17505	1.13041
II-6/L4b	II-6/L1	0.0833	3.004626	0.02774	0.9779	0.04178	-1.74691	1.38664
II-6/L5	II-6/L3	0.0000	2.581150	0.00000	1.0000	-0.04582	-1.79585	1.42235
II-6/L6	II-6/L3	-0.2338	2.581150	-0.09057	0.9278	-0.07818	-2.06875	1.72728
II-6/L5	II-6/L4	-0.2421	7.131636	-0.03394	0.9729	-0.02991	-1.25402	1.12709
II-6/L6	II-6/L5	-0.5714	2.236068	-0.25555	0.7983	-0.35753	-2.01423	2.14749
II-6/L3	II-6/L1	-1.8136	2.711088	-0.66897	0.5035	-0.51537	-2.38157	1.10788
II-6/L5	II-6/L1	-1.8214	2.488545	-0.73193	0.4642	-0.52985	-2.49803	0.91038
II-6/L6	II-6/L1	-2.0643	2.488545	-0.82952	0.4068	-0.56474	-2.86070	0.94450
II-6/L5	Area C	-2.2817	3.278316	-0.69601	0.4864	-0.40272	-1.73147	0.91200
II-6/L5	II-6/L4b	-2.3048	2.972359	-0.77540	0.4381	-0.55863	-2.18308	0.76510
II-6/L3	Area C	-2.4167	3.258633	-0.74162	0.4583	-0.43289	-1.67451	1.03814

Herzlinger and Galanidou. The Acheulean Large Cutting Tool assemblage from Rodafnidia, Lesvos: A 3D morpho-technological cross-regional comparative analysis. ESM 10

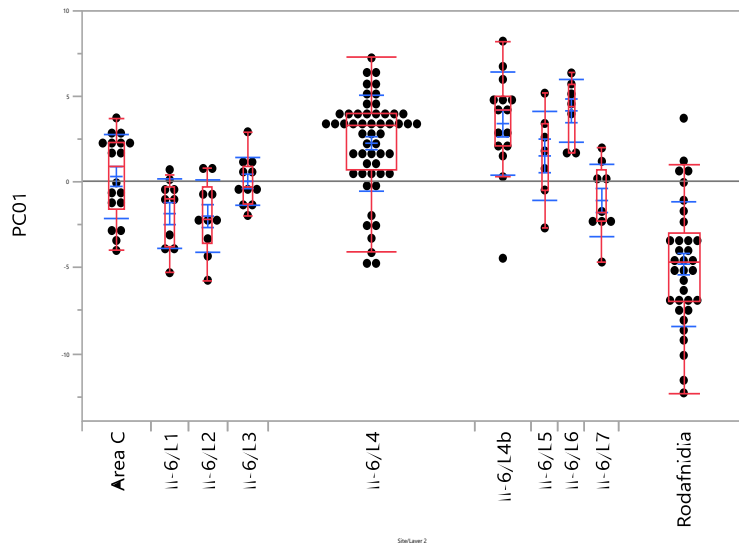
Level	- Level	Score Mean Difference	Std Err Dif	Z	p-Value	Hodges-Lehmann	Lower CL	Upper CL
II-6/L6	Area C	-2.4802	3.278316	-0.75653	0.4493	-0.53546	-2.13428	1.05477
II-6/L6	II-6/L4	-2.5013	7.131636	-0.35074	0.7258	-0.14681	-1.56655	1.23125
II-6/L7	II-6/L2	-3.0611	2.585573	-1.18392	0.2364	-1.75344	-3.38861	0.43065
II-6/L6	II-6/L4b	-3.3524	2.972359	-1.12785	0.2594	-0.66301	-2.27777	0.96619
II-6/L4	Area C	-4.4074	5.696002	-0.77377	0.4391	-0.35387	-1.26931	0.58418
II-6/L5	II-6/L2	-5.2214	2.488545	-2.09819	0.0359*	-2.46762	-4.00974	-0.27743
II-6/L4	II-6/L1	-5.6296	6.409869	-0.87828	0.3798	-0.61246	-1.82502	0.62106
II-6/L4b	II-6/L2	-5.7500	3.004626	-1.91372	0.0557	-1.70640	-3.31531	0.05224
II-6/L3	II-6/L2	-5.8227	2.711088	-2.14775	0.0317*	-2.19853	-4.01489	-0.26019
II-6/L6	II-6/L2	-5.9500	2.488545	-2.39096	0.0168*	-2.42386	-4.05528	-0.25230
II-6/L4	II-6/L2	-19.1407	6.409869	-2.98614	0.0028*	-2.15539	-3.42445	-0.76106

Connecting Letters Report

Level	
Area C	A
II-6/L1	A B
II-6/L2	B C
II-6/L3	A
II-6/L4	A
II-6/L4b	A B
II-6/L5	A
II-6/L6	A
II-6/L7	A B
Rodafnidia	C

Levels not connected by same letter are significantly different.

Oneway Analysis of PC01 By Site/Layer 2



Means and Std Deviations

Level	Number	Mean	Std Dev	Std Err Mean	Lower 95%	Upper 95%
Area C	18	0.3349056	2.4508836	0.5776788	-0.88389	1.5537013
II-6/L1	10	-1.83094	2.0279945	0.6413082	-3.28168	-0.3802
II-6/L2	10	-1.97577	2.1119851	0.6678683	-3.486593	-0.464947
II-6/L3	11	0.0519455	1.3944248	0.4204349	-0.884842	0.9887328
II-6/L4	54	2.2783463	2.7996574	0.3809851	1.5141869	3.0425057
II-6/L4b	15	3.42324	3.0110958	0.7774616	1.7557507	5.0907293
II-6/L5	7	1.5381286	2.5968611	0.9815212	-0.863567	3.9398245
II-6/L6	7	4.1677143	1.8316686	0.6923057	2.4737033	5.8617252
II-6/L7	9	-1.065044	2.1099941	0.7033314	-2.686929	0.5568406
Rodafnidia	34	-4.779191	3.6389307	0.6240715	-6.048874	-3.509508

Wilcoxon / Kruskal-Wallis Tests (Rank Sums)

Level	Count	Score Sum	Expected Score	Score Mean	(Mean-Mean0)/Std0
Area C	18	1582.00	1584.00	87.889	-0.007
II-6/L1	10	550.000	880.000	55.000	-2.118
II-6/L2	10	548.000	880.000	54.800	-2.131
II-6/L3	11	887.000	968.000	80.636	-0.495
II-6/L4	54	6361.00	4752.00	117.796	5.196
II-6/L4b	15	1999.00	1320.00	133.267	3.616
II-6/L5	7	740.000	616.000	105.714	0.940
II-6/L6	7	1025.00	616.000	146.429	3.110
II-6/L7	9	601.000	792.000	66.778	-1.287
Rodafnidia	34	1107.00	2992.00	32.559	-7.107

Kruskal-Wallis Test, ChiSquare Approximation

ChiSquare	DF	Prob>ChiSq
91.8862	9	<.0001*

Nonparametric Comparisons For Each Pair Using Wilcoxon Method

q*	Alpha
1.95996	0.05

Level	- Level	Score Mean Difference	Std Err Dif	Z	p-Value	Hodges-Lehmann	Lower CL	Upper CL
II-6/L4	II-6/L1	25.1852	6.409869	3.92913	<.0001*	4.23945	2.7901	6.02410
II-6/L4	II-6/L2	24.2370	6.409869	3.78121	0.0002*	4.47920	2.7091	6.07420
II-6/L4	II-6/L3	19.2045	6.254628	3.07045	0.0021*	2.68315	1.0241	3.92210
II-6/L4	Area C	16.1111	5.696002	2.82849	0.0047*	1.78160	0.8133	3.68000
II-6/L6	II-6/L4	14.4431	7.131636	2.02522	0.0428*	1.58390	0.0158	3.64130
II-6/L4b	II-6/L1	10.5833	3.004626	3.52235	0.0004*	5.43655	3.3076	7.68640

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Level	- Level	Score Mean Difference	Std Err Dif	Z	p-Value	Hodges-Lehmann	Lower CL	Upper CL
II-6/L4b	II-6/L2	10.5833	3.004626	3.52235	0.0004*	5.44845	3.5229	7.51090
II-6/L4b	Area C	10.0833	3.380500	2.98279	0.0029*	3.02395	1.1905	5.31590
II-6/L4b	II-6/L3	9.7697	3.036146	3.21780	0.0013*	3.57990	1.8655	5.32370
II-6/L6	Area C	8.8294	3.278316	2.69326	0.0071*	3.51805	1.9073	6.18390
II-6/L4b	II-6/L4	8.8167	5.855513	1.50570	0.1321	1.02355	-0.4720	2.63040
II-6/L6	II-6/L3	8.4156	2.581150	3.26040	0.0011*	4.37830	2.1342	6.09930
II-6/L6	II-6/L1	8.3786	2.488545	3.36686	0.0008*	5.83750	3.8073	8.53080
II-6/L6	II-6/L2	8.3786	2.488545	3.36686	0.0008*	6.31010	3.8095	8.53140
II-6/L5	II-6/L1	6.4357	2.488545	2.58614	0.0097*	3.20560	0.4069	6.07710
II-6/L3	II-6/L2	6.3955	2.711088	2.35900	0.0183*	1.81850	0.1415	3.79820
II-6/L5	II-6/L2	5.9500	2.488545	2.39096	0.0168*	3.61800	0.6289	6.13910
II-6/L3	II-6/L1	5.6318	2.711088	2.07733	0.0378*	1.66260	0.0802	3.83230
II-6/L6	II-6/L5	3.7143	2.236068	1.66108	0.0967	2.45150	-0.8056	5.58210
II-6/L5	II-6/L3	3.5065	2.581150	1.35850	0.1743	1.70470	-1.1552	3.94530
II-6/L5	Area C	3.2738	3.278316	0.99863	0.3180	1.01160	-1.4455	3.67970
II-6/L7	II-6/L2	2.2167	2.585573	0.85732	0.3913	0.86475	-1.4727	3.37870
II-6/L7	II-6/L1	1.5833	2.585573	0.61237	0.5403	0.85490	-1.6120	3.05590
II-6/L6	II-6/L4b	1.4667	2.972359	0.49344	0.6217	0.37630	-1.7831	2.90510
II-6/L2	II-6/L1	-0.3000	2.645751	-0.11339	0.9097	-0.14490	-2.5185	1.95140
II-6/L3	Area C	-1.8308	3.258633	-0.56183	0.5742	-0.79970	-2.3793	1.58550
II-6/L7	II-6/L3	-3.2323	2.659080	-1.21558	0.2241	-0.94340	-3.0119	0.83480
II-6/L7	II-6/L5	-4.0635	2.399294	-1.69362	0.0903	-2.57750	-5.4546	0.44270
II-6/L5	II-6/L4b	-4.4000	2.972359	-1.48031	0.1388	-2.02440	-4.8027	0.58660
II-6/L7	Area C	-4.4167	3.240370	-1.36301	0.1729	-1.51230	-4.0929	0.88070
II-6/L5	II-6/L4	-6.6971	7.131636	-0.93907	0.3477	-0.84545	-3.1355	1.46560
II-6/L1	Area C	-6.7667	3.244368	-2.08567	0.0370*	-2.51305	-3.8099	-0.06520
II-6/L2	Area C	-6.7667	3.244368	-2.08567	0.0370*	-2.31985	-4.5073	-0.39610
II-6/L7	II-6/L6	-7.3651	2.399294	-3.06969	0.0021*	-5.15730	-7.8342	-3.07680
II-6/L7	II-6/L4b	-9.7778	2.981424	-3.27957	0.0010*	-4.55190	-6.7950	-2.47760
Rodafnidia	II-6/L2	-11.3235	4.620924	-2.45049	0.0143*	-2.97170	-5.0417	-0.79100
Rodafnidia	II-6/L1	-11.4529	4.620924	-2.47850	0.0132*	-3.19420	-5.2785	-0.61530
Rodafnidia	II-6/L7	-13.5605	4.706992	-2.88092	0.0040*	-3.85040	-6.0798	-1.42050
Rodafnidia	II-6/L3	-17.0254	4.555804	-3.73708	0.0002*	-4.91850	-6.6747	-3.06020
Rodafnidia	II-6/L5	-17.1408	4.971980	-3.44747	0.0006*	-6.38700	-9.2775	-3.51210
Rodafnidia	Area C	-19.7549	4.417484	-4.47198	<.0001*	-5.48140	-7.1166	-3.33500
Rodafnidia	II-6/L6	-20.0693	4.971980	-4.03649	<.0001*	-9.06415	-11.6702	-6.19820
II-6/L7	II-6/L4	-20.9352	6.599663	-3.17216	0.0015*	-3.50835	-5.5769	-1.85130
Rodafnidia	II-6/L4b	-22.2422	4.428997	-5.02194	<.0001*	-8.44255	-10.4485	-6.43590
Rodafnidia	II-6/L4	-37.6972	5.593076	-6.73997	<.0001*	-7.41155	-8.6780	-5.90650

Connecting Letters Report

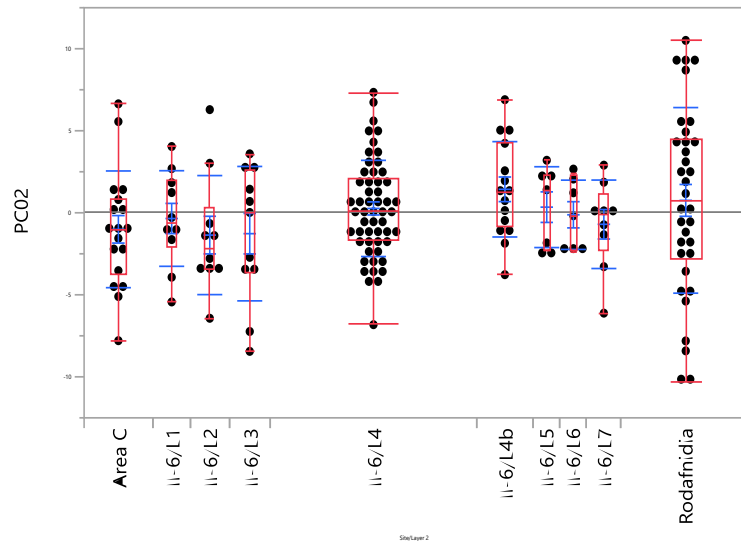
Level	
Area C	A
II-6/L1	B
II-6/L2	B
II-6/L3	A
II-6/L4	C
II-6/L4b	C D
II-6/L5	A C D

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Level		
II-6/L6		D
II-6/L7	A B	
Rodafnidia		E

Levels not connected by same letter are significantly different.

Oneway Analysis of PC02 By Site/Layer 2



Means and Std Deviations

Level	Number	Mean	Std Dev	Std Err Mean	Lower 95%	Upper 95%
Area C	18	-1.008572	3.5577398	0.8385673	-2.777795	0.7606502
II-6/L1	10	-0.35005	2.9138784	0.9214492	-2.434513	1.734413
II-6/L2	10	-1.36049	3.6282406	1.1473504	-3.955977	1.234997
II-6/L3	11	-1.273109	4.0966684	1.235192	-4.025288	1.4790702
II-6/L4	54	0.2641093	2.9320423	0.3990004	-0.536184	1.0644027
II-6/L4b	15	1.4305133	2.9061201	0.750357	-0.178842	3.039869
II-6/L5	7	0.3431	2.463248	0.9310202	-1.935024	2.6212244
II-6/L6	7	-0.122486	2.1117535	0.7981678	-2.075532	1.8305605
II-6/L7	9	-0.701878	2.6960882	0.8986961	-2.774275	1.370519
Rodafnidia	34	0.7561765	5.6569702	0.9701624	-1.217634	2.7299867

Wilcoxon / Kruskal-Wallis Tests (Rank Sums)

Level	Count	Score Sum	Expected Score	Score Mean	(Mean-Mean0)/Std0
Area C	18	1292.00	1584.00	71.778	-1.432
II-6/L1	10	832.000	880.000	83.200	-0.305

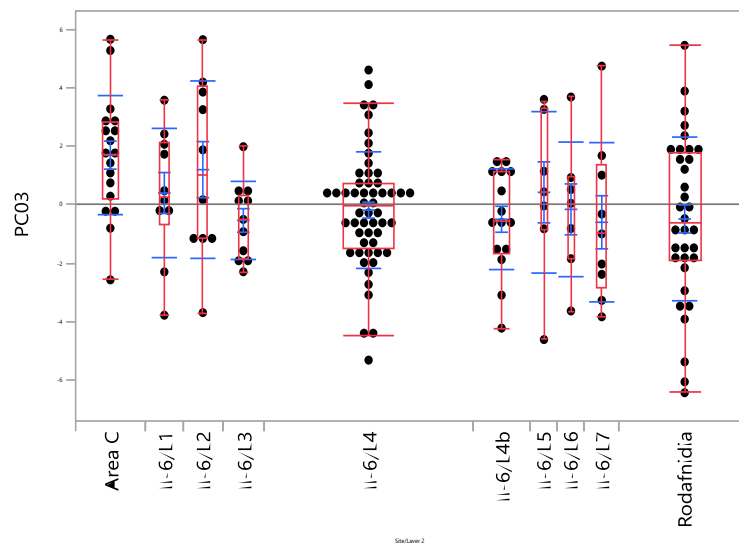
Herzlinger and Galanidou. The Acheulean Large Cutting Tool assemblage from Rodafnidia, Lesvos: A 3D morpho-technological cross-regional comparative analysis. ESM 10

Level	Count	Score Sum	Expected Score	Score Mean	(Mean-Mean0)/Std0
II-6/L2	10	642.000	880.000	64.200	-1.527
II-6/L3	11	838.000	968.000	76.182	-0.796
II-6/L4	54	4909.00	4752.00	90.907	0.506
II-6/L4b	15	1634.00	1320.00	108.933	1.671
II-6/L5	7	658.000	616.000	94.000	0.316
II-6/L6	7	599.000	616.000	85.571	-0.126
II-6/L7	9	719.000	792.000	79.889	-0.490
Rodafnidia	34	3277.00	2992.00	96.382	1.073

Kruskal-Wallis Test, ChiSquare Approximation

ChiSquare	DF	Prob>ChiSq
8.7553	9	0.4602

Oneway Analysis of PC03 By Site/Layer 2



Means and Std Deviations

Level	Number	Mean	Std Dev	Std Err Mean	Lower 95%	Upper 95%
Area C	18	1.6964444	2.0367967	0.4800776	0.6835693	2.7093196
II-6/L1	10	0.39969	2.2109865	0.6991753	-1.181954	1.9813345
II-6/L2	10	1.19843	3.0347715	0.959679	-0.972515	3.3693748
II-6/L3	11	-0.538145	1.3361561	0.4028662	-1.435787	0.3594964
II-6/L4	54	-0.18595	1.994304	0.2713904	-0.73029	0.3583902
II-6/L4b	15	-0.498067	1.7210756	0.4443798	-1.451167	0.4550332

Herzlinger and Galanidou. The Acheulean Large Cutting Tool assemblage from Rodafnidia, Lesvos: A 3D morpho-technological cross-regional comparative analysis. ESM 10

Level	Number	Mean	Std Dev	Std Err Mean	Lower 95%	Upper 95%
II-6/L5	7	0.4222143	2.761449	1.0437296	-2.1317	2.9761286
II-6/L6	7	-0.159857	2.302877	0.8704057	-2.289663	1.9699488
II-6/L7	9	-0.601111	2.7242967	0.9080989	-2.695191	1.4929687
Rodafnidia	34	-0.487003	2.7998371	0.4801681	-1.463912	0.4899064

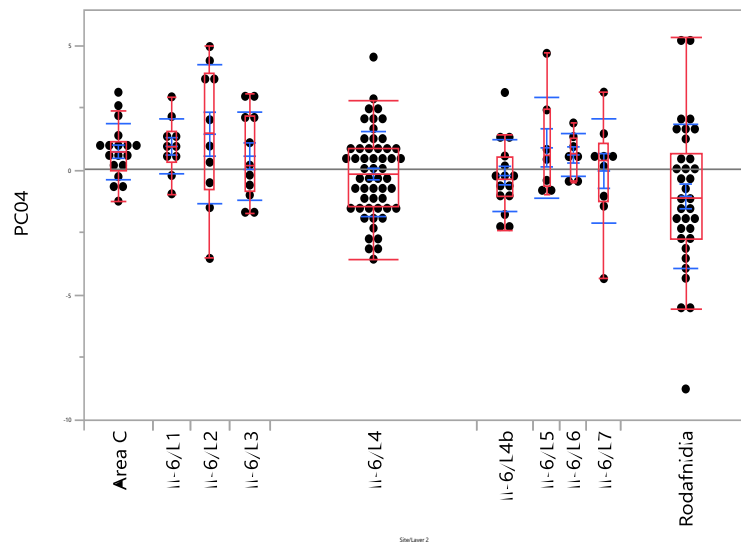
Wilcoxon / Kruskal-Wallis Tests (Rank Sums)

Level	Count	Score Sum	Expected Score	Score Mean	(Mean-Mean0)/Std0
Area C	18	2249.00	1584.00	124.944	3.264
II-6/L1	10	989.000	880.000	98.900	0.697
II-6/L2	10	1066.00	880.000	106.600	1.192
II-6/L3	11	796.000	968.000	72.364	-1.054
II-6/L4	54	4499.00	4752.00	83.315	-0.816
II-6/L4b	15	1166.00	1320.00	77.733	-0.818
II-6/L5	7	700.000	616.000	100.000	0.636
II-6/L6	7	587.000	616.000	83.857	-0.217
II-6/L7	9	633.000	792.000	70.333	-1.071
Rodafnidia	34	2715.00	2992.00	79.853	-1.043

Kruskal-Wallis Test, ChiSquare Approximation

ChiSquare	DF	Prob>ChiSq
15.9216	9	0.0685

Oneway Analysis of PC04 By Site/Layer 2



Means and Std Deviations

Level	Number	Mean	Std Dev	Std Err Mean	Lower 95%	Upper 95%
Area C	18	0.7603944	1.124134	0.2649609	0.2013758	1.3194131
II-6/L1	10	0.97462	1.1001538	0.3478992	0.1876174	1.7616226
II-6/L2	10	1.46139	2.7851488	0.8807414	-0.530985	3.4537654
II-6/L3	11	0.5802636	1.7664766	0.5326127	-0.606471	1.7669988
II-6/L4	54	-0.136267	1.7034038	0.2318039	-0.601206	0.3286731
II-6/L4b	15	-0.197247	1.4389012	0.3715227	-0.994084	0.5995903
II-6/L5	7	0.9153286	2.0196995	0.7633747	-0.952582	2.7832391
II-6/L6	7	0.6301571	0.8567155	0.323808	-0.162173	1.4224868
II-6/L7	9	-0.0122	2.0890853	0.6963618	-1.618013	1.5936131
Rodafnidia	34	-1.031144	2.8880579	0.4952979	-2.038835	-0.023453

Wilcoxon / Kruskal-Wallis Tests (Rank Sums)

Level	Count	Score Sum	Expected Score	Score Mean	(Mean-Mean0)/Std0
Area C	18	1963.00	1584.00	109.056	1.859
II-6/L1	10	1171.00	880.000	117.100	1.867
II-6/L2	10	1153.00	880.000	115.300	1.752
II-6/L3	11	1096.00	968.000	99.636	0.784
II-6/L4	54	4397.00	4752.00	81.426	-1.145
II-6/L4b	15	1155.00	1320.00	77.000	-0.877
II-6/L5	7	726.000	616.000	103.714	0.834
II-6/L6	7	749.000	616.000	107.000	1.009
II-6/L7	9	800.000	792.000	88.889	0.051
Rodafnidia	34	2190.00	2992.00	64.412	-3.023

Kruskal-Wallis Test, ChiSquare Approximation

ChiSquare	DF	Prob>ChiSq
20.5402	9	0.0149*

Nonparametric Comparisons For Each Pair Using Wilcoxon Method

q*	Alpha
1.95996	0.05

Level	- Level	Score Mean Difference	Std Err Dif	Z	p-Value	Hodges-Leh mann	Lower CL	Upper CL
II-6/L6	II-6/L4	9.9246	7.131636	1.39163	0.1640	0.81760	-0.40350	2.04910
II-6/L5	II-6/L4	8.3108	7.131636	1.16535	0.2439	0.80890	-0.63760	2.42500
II-6/L6	II-6/L4b	4.8190	2.972359	1.62129	0.1050	0.94930	-0.30490	1.98540
II-6/L5	II-6/L4b	3.5619	2.972359	1.19834	0.2308	0.93090	-0.60830	2.79510
II-6/L7	II-6/L4	2.7870	6.599663	0.42230	0.6728	0.30285	-1.13930	1.70460
II-6/L2	Area C	2.2556	3.244368	0.69522	0.4869	0.93760	-1.12800	3.02540
II-6/L7	II-6/L4b	2.1333	2.981424	0.71554	0.4743	0.51680	-1.10640	1.75430

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Level	- Level	Score Mean Difference	Std Err Dif	Z	p-Value	Hodges-Lehmann	Lower CL	Upper CL
II-6/L1	Area C	1.9444	3.244368	0.59933	0.5490	0.21755	-0.61670	1.14170
II-6/L2	II-6/L1	1.1000	2.645751	0.41576	0.6776	0.67285	-1.84840	2.99580
II-6/L6	II-6/L5	0.5714	2.236068	0.25555	0.7983	0.18090	-2.82850	1.60920
II-6/L5	II-6/L3	0.4675	2.581150	0.18113	0.8563	0.27060	-2.20910	2.31170
II-6/L6	II-6/L3	0.2338	2.581150	0.09057	0.9278	0.17220	-1.70430	1.77340
II-6/L6	Area C	-0.2976	3.278316	-0.09078	0.9277	-0.07750	-1.14440	0.84570
II-6/L7	II-6/L3	-0.6061	2.659080	-0.22792	0.8197	-0.52390	-2.49890	1.34400
II-6/L5	Area C	-1.0913	3.278316	-0.33288	0.7392	-0.27975	-1.55040	1.51500
II-6/L5	II-6/L2	-1.0929	2.488545	-0.43916	0.6605	-0.61455	-4.06460	2.57800
II-6/L3	Area C	-1.2449	3.258633	-0.38205	0.7024	-0.24840	-1.54790	1.24440
II-6/L7	II-6/L5	-1.2698	2.399294	-0.52926	0.5966	-0.30060	-3.68910	1.33820
II-6/L4b	II-6/L4	-1.4056	5.855513	-0.24004	0.8103	-0.11585	-1.03870	0.88640
II-6/L6	II-6/L2	-1.5786	2.488545	-0.63434	0.5259	-0.94315	-3.70760	1.74810
II-6/L3	II-6/L1	-1.6227	2.711088	-0.59855	0.5495	-0.59080	-1.99670	1.31400
II-6/L7	II-6/L6	-1.7778	2.399294	-0.74096	0.4587	-0.43200	-2.18660	1.05260
II-6/L5	II-6/L1	-1.8214	2.488545	-0.73193	0.4642	-0.47985	-1.80140	1.71440
II-6/L6	II-6/L1	-1.8214	2.488545	-0.73193	0.4642	-0.25940	-1.56070	0.78770
II-6/L3	II-6/L2	-2.5773	2.711088	-0.95064	0.3418	-1.15160	-3.54440	1.75890
II-6/L4b	II-6/L3	-2.9939	3.036146	-0.98610	0.3241	-0.68990	-2.34600	0.73240
II-6/L7	II-6/L2	-3.0611	2.585573	-1.18392	0.2364	-1.55980	-4.08870	1.14240
II-6/L7	Area C	-3.0833	3.240370	-0.95154	0.3413	-0.51915	-2.01030	0.66750
II-6/L7	II-6/L1	-3.4833	2.585573	-1.34722	0.1779	-0.66925	-2.41110	0.62090
Rodafnidia	II-6/L4b	-4.7559	4.428997	-1.07381	0.2829	-0.88465	-2.10670	0.55510
II-6/L4b	II-6/L2	-5.0833	3.004626	-1.69184	0.0907	-1.82935	-4.06010	0.43710
Rodafnidia	II-6/L7	-5.6912	4.706992	-1.20909	0.2266	-1.11000	-2.91850	1.05430
II-6/L4b	II-6/L1	-6.0833	3.004626	-2.02466	0.0429*	-1.27115	-2.27170	-0.09350
II-6/L4b	Area C	-6.9056	3.380500	-2.04276	0.0411*	-1.06605	-1.86820	-0.02660
II-6/L4	II-6/L3	-6.9487	6.254628	-1.11096	0.2666	-0.72085	-2.00430	0.59160
Rodafnidia	II-6/L6	-9.0441	4.971980	-1.81902	0.0689	-1.64265	-3.40720	0.12000
Rodafnidia	II-6/L3	-9.2045	4.555804	-2.02040	0.0433*	-1.54900	-3.28370	-0.02270
Rodafnidia	II-6/L5	-9.2164	4.971980	-1.85367	0.0638	-1.77750	-4.08020	0.35230
Rodafnidia	II-6/L2	-10.1588	4.620924	-2.19844	0.0279*	-2.56040	-4.75940	-0.27010
Rodafnidia	II-6/L4	-10.2810	5.593076	-1.83817	0.0660	-0.84125	-1.88950	0.07830
Rodafnidia	II-6/L1	-11.5824	4.620924	-2.50650	0.0122*	-2.03085	-3.42660	-0.44640
II-6/L4	II-6/L2	-11.9111	6.409869	-1.85825	0.0631	-1.74995	-3.58770	0.12170
Rodafnidia	Area C	-12.1078	4.417484	-2.74089	0.0061*	-1.81990	-3.00830	-0.58910
II-6/L4	Area C	-12.6296	5.696002	-2.21728	0.0266*	-0.91405	-1.74620	-0.09520
II-6/L4	II-6/L1	-13.5704	6.409869	-2.11711	0.0343*	-1.12585	-2.16170	-0.10250

Connecting Letters Report

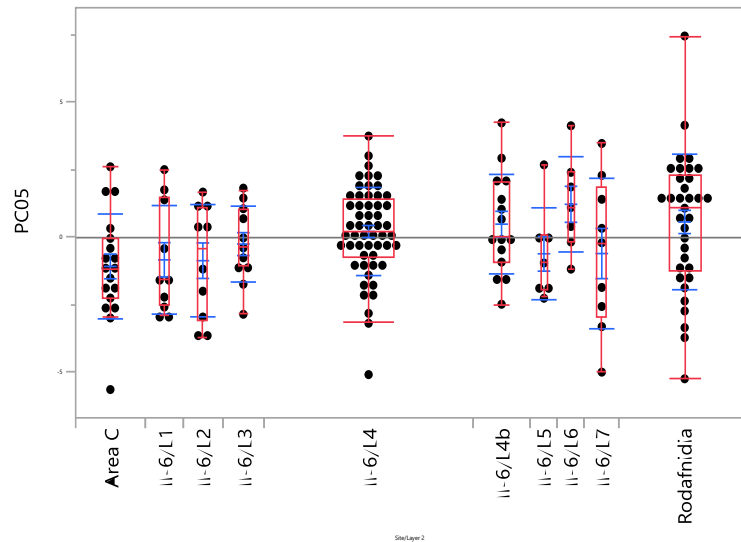
Level	
Area C	A
II-6/L1	A
II-6/L2	A B
II-6/L3	A B
II-6/L4	B C
II-6/L4b	B C
II-6/L5	A B C
II-6/L6	A B C

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Level			
II-6/L7	A	B	C
Rodafnidia		C	

Levels not connected by same letter are significantly different.

Oneway Analysis of PC05 By Site/Layer 2



Means and Std Deviations

Level	Number	Mean	Std Dev	Std Err Mean	Lower 95%	Upper 95%
Area C	18	-1.08345	1.9408227	0.4574563	-2.048598	-0.118302
II-6/L1	10	-0.83935	2.009918	0.6355919	-2.277159	0.5984587
II-6/L2	10	-0.8706	2.0779688	0.6571114	-2.357089	0.6158893
II-6/L3	11	-0.256282	1.404343	0.4234253	-1.199732	0.6871686
II-6/L4	54	0.2095296	1.6310603	0.2219592	-0.235664	0.6547234
II-6/L4b	15	0.4814333	1.8411659	0.475387	-0.53817	1.501037
II-6/L5	7	-0.6148	1.7011226	0.6429639	-2.188076	0.958476
II-6/L6	7	1.2155571	1.7631279	0.6663997	-0.415064	2.8461785
II-6/L7	9	-0.606367	2.7845561	0.9281854	-2.746766	1.5340326
Rodafnidia	34	0.5627118	2.5086888	0.4302366	-0.312611	1.4380347

Wilcoxon / Kruskal-Wallis Tests (Rank Sums)

Level	Count	Score Sum	Expected Score	Score Mean	(Mean-Mean0)/Std0
Area C	18	1098.00	1584.00	61.000	-2.385
II-6/L1	10	655.000	880.000	65.500	-1.443
II-6/L2	10	682.000	880.000	68.200	-1.270

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Level	Count	Score Sum	Expected Score	Score Mean	(Mean-Mean0)/Std0
II-6/L3	11	887.000	968.000	80.636	-0.495
II-6/L4	54	5107.00	4752.00	94.574	1.145
II-6/L4b	15	1483.00	1320.00	98.867	0.866
II-6/L5	7	486.000	616.000	69.429	-0.986
II-6/L6	7	828.000	616.000	118.286	1.610
II-6/L7	9	694.000	792.000	77.111	-0.659
Rodafnidia	34	3480.00	2992.00	102.353	1.838

Kruskal-Wallis Test, ChiSquare Approximation

ChiSquare	DF	Prob>ChiSq
17.0309	9	0.0482*

Nonparametric Comparisons For Each Pair Using Wilcoxon Method

q*	Alpha
1.95996	0.05

Level	- Level	Score Mean Difference	Std Err Dif	Z	p-Value	Hodges-Lehmann	Lower CL	Upper CL
II-6/L4	Area C	15.5926	5.696002	2.73746	0.0062*	1.37400	0.40980	2.337100
II-6/L4	II-6/L1	11.2000	6.409869	1.74731	0.0806	1.37805	-0.27350	2.610800
Rodafnidia	Area C	10.4085	4.417484	2.35620	0.0185*	1.80220	0.30630	3.074600
II-6/L6	II-6/L4	9.2791	7.131636	1.30112	0.1932	0.81410	-0.49100	2.336800
II-6/L4	II-6/L2	8.9481	6.409869	1.39600	0.1627	0.98365	-0.40810	2.602800
Rodafnidia	II-6/L2	8.4765	4.620924	1.83437	0.0666	1.27460	-0.13070	3.218800
II-6/L6	Area C	8.2341	3.278316	2.51169	0.0120*	2.29920	0.55510	4.046400
Rodafnidia	II-6/L1	7.7000	4.620924	1.66633	0.0956	1.40615	-0.21390	3.521700
II-6/L4b	Area C	7.3944	3.380500	2.18738	0.0287*	1.53025	0.26780	2.836700
Rodafnidia	II-6/L5	6.6324	4.971980	1.33395	0.1822	1.41565	-0.79270	3.243400
II-6/L4	II-6/L3	6.1827	6.254628	0.98849	0.3229	0.55365	-0.47460	1.572100
Rodafnidia	II-6/L3	5.7152	4.555804	1.25450	0.2097	0.92585	-0.56480	2.336000
Rodafnidia	II-6/L4	5.5359	5.593076	0.98979	0.3223	0.43640	-0.48580	1.291000
Rodafnidia	II-6/L7	5.2696	4.706992	1.11953	0.2629	1.11400	-0.94400	3.432100
II-6/L4b	II-6/L1	4.7500	3.004626	1.58090	0.1139	1.46605	-0.31910	3.031500
II-6/L6	II-6/L1	4.7357	2.488545	1.90301	0.0570	2.25920	-0.28590	4.272300
II-6/L3	Area C	4.3207	3.258633	1.32593	0.1849	0.85590	-0.50370	2.200100
II-6/L6	II-6/L2	4.2500	2.488545	1.70783	0.0877	2.02250	-0.52490	4.400000
II-6/L6	II-6/L3	4.2078	2.581150	1.63020	0.1031	1.38990	-0.38340	3.248800
II-6/L4b	II-6/L2	4.0833	3.004626	1.35902	0.1741	1.22990	-0.60030	3.229400
II-6/L6	II-6/L5	3.7143	2.236068	1.66108	0.0967	1.96920	-0.27780	4.235100
II-6/L4b	II-6/L3	3.3091	3.036146	1.08990	0.2758	0.60330	-0.74650	2.237900
II-6/L6	II-6/L4b	2.5143	2.972359	0.84589	0.3976	0.74400	-1.06650	2.653600
II-6/L3	II-6/L1	2.3864	2.711088	0.88022	0.3787	0.92675	-1.31800	2.438700
II-6/L3	II-6/L2	1.8136	2.711088	0.66897	0.5035	0.49490	-1.37740	2.685800
II-6/L5	Area C	1.6865	3.278316	0.51444	0.6069	0.31795	-1.29690	2.065800
II-6/L5	II-6/L1	1.5786	2.488545	0.63434	0.5259	0.47545	-2.33920	2.303100
II-6/L4b	II-6/L4	1.5759	5.855513	0.26914	0.7878	0.13780	-0.87310	1.222000
Rodafnidia	II-6/L4b	1.2971	4.428997	0.29286	0.7696	0.19515	-1.27010	1.604500

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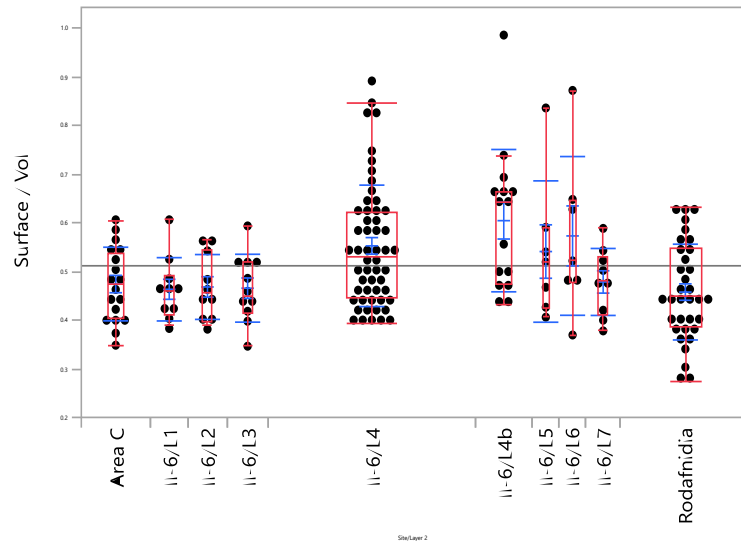
Level	- Level	Score Mean Difference	Std Err Dif	Z	p-Value	Hodges-Lehmann	Lower CL	Upper CL
II-6/L7	Area C	1.2500	3.240370	0.38576	0.6997	0.51810	-1.94340	2.807600
II-6/L2	Area C	0.7000	3.244368	0.21576	0.8292	0.10880	-1.53880	2.216500
II-6/L7	II-6/L2	0.5278	2.585573	0.20412	0.8383	0.31745	-2.88790	3.122400
II-6/L7	II-6/L1	0.3167	2.585573	0.12247	0.9025	0.21490	-2.21850	3.052200
II-6/L5	II-6/L2	0.1214	2.488545	0.04880	0.9611	0.10845	-2.28580	2.331100
II-6/L7	II-6/L5	0.0000	2.399294	0.00000	1.0000	-0.01630	-2.88400	3.246100
II-6/L1	Area C	-0.3889	3.244368	-0.11987	0.9046	-0.09885	-1.48990	2.207500
II-6/L7	II-6/L3	-0.6061	2.659080	-0.22792	0.8197	-0.34010	-2.87040	2.069300
II-6/L2	II-6/L1	-0.7000	2.645751	-0.26458	0.7913	-0.26390	-2.03980	2.715800
II-6/L5	II-6/L3	-1.6364	2.581150	-0.63397	0.5261	-0.79780	-1.96600	1.081400
II-6/L7	II-6/L4b	-2.4889	2.981424	-0.83480	0.4038	-0.94120	-3.30040	1.355200
Rodafnidia	II-6/L6	-2.6702	4.971980	-0.53704	0.5912	-0.48610	-2.57930	1.302700
II-6/L7	II-6/L6	-3.3016	2.399294	-1.37607	0.1688	-1.83700	-4.81740	1.188800
II-6/L5	II-6/L4b	-3.9810	2.972359	-1.33932	0.1805	-1.17610	-3.00330	0.563900
II-6/L7	II-6/L4	-5.2500	6.599663	-0.79550	0.4263	-0.77795	-2.72480	1.093700
II-6/L5	II-6/L4	-10.8929	7.131636	-1.52740	0.1267	-1.11305	-2.30830	0.342300

Connecting Letters Report

Level	
Area C	A
II-6/L1	A B
II-6/L2	A B
II-6/L3	A B
II-6/L4	B
II-6/L4b	B
II-6/L5	A B
II-6/L6	B
II-6/L7	A B
Rodafnidia	B

Levels not connected by same letter are significantly different.

Oneway Analysis of Surface / Vol By Site/Layer 2



Means and Std Deviations

Level	Number	Mean	Std Dev	Std Err Mean	Lower 95%	Upper 95%
Area C	18	0.4740156	0.0756636	0.0178341	0.4363889	0.5116422
II-6/L1	10	0.4632268	0.065045	0.020569	0.4166965	0.5097572
II-6/L2	10	0.4680121	0.066631	0.0210706	0.4203472	0.515677
II-6/L3	11	0.4654802	0.0697315	0.0210248	0.4186339	0.5123264
II-6/L4	54	0.5525116	0.1247895	0.0169817	0.5184506	0.5865726
II-6/L4b	15	0.6042981	0.1462312	0.0377567	0.5233179	0.6852782
II-6/L5	7	0.5408139	0.1452496	0.0548992	0.4064805	0.6751474
II-6/L6	7	0.5729221	0.1630994	0.0616458	0.4220802	0.7237639
II-6/L7	9	0.4783204	0.0688085	0.0229362	0.4254295	0.5312112
Rodafnidia	34	0.4575329	0.0983879	0.0168734	0.4232037	0.4918621

Wilcoxon / Kruskal-Wallis Tests (Rank Sums)

Level	Count	Score Sum	Expected Score	Score Mean	(Mean-Mean0)/Std0
Area C	18	1344.00	1584.00	74.667	-1.176
II-6/L1	10	673.000	880.000	67.300	-1.327
II-6/L2	10	704.000	880.000	70.400	-1.128
II-6/L3	11	770.000	968.000	70.000	-1.214
II-6/L4	54	5673.00	4752.00	105.056	2.974
II-6/L4b	15	1866.00	1320.00	124.400	2.908
II-6/L5	7	679.000	616.000	97.000	0.476
II-6/L6	7	769.000	616.000	109.857	1.161
II-6/L7	9	693.000	792.000	77.000	-0.665
Rodafnidia	34	2229.00	2992.00	65.559	-2.876

Kruskal-Wallis Test, ChiSquare Approximation

ChiSquare	DF	Prob>ChiSq
27.9942	9	0.0010*

Nonparametric Comparisons For Each Pair Using Wilcoxon Method

q*	Alpha
1.95996	0.05

Level	- Level	Score Mean Difference	Std Err Dif	Z	p-Value	Hodges-Lehmann	Lower CL	Upper CL
II-6/L4	II-6/L1	14.1630	6.409869	2.20956	0.0271*	0.069659	0.008603	0.145651
II-6/L4	II-6/L3	13.4049	6.254628	2.14319	0.0321*	0.070236	0.006767	0.142698
II-6/L4	Area C	13.2963	5.696002	2.33432	0.0196*	0.059652	0.009134	0.119776
II-6/L4	II-6/L2	12.8593	6.409869	2.00617	0.0448*	0.063674	0.002392	0.143047
II-6/L4b	Area C	9.2278	3.380500	2.72971	0.0063*	0.114712	0.038593	0.207004
II-6/L4b	II-6/L4	8.4759	5.855513	1.44751	0.1478	0.046378	-0.024121	0.125469
II-6/L4b	II-6/L1	8.4167	3.004626	2.80124	0.0051*	0.131129	0.032591	0.232974
II-6/L4b	II-6/L3	7.7212	3.036146	2.54310	0.0110*	0.131662	0.031004	0.219931
II-6/L4b	II-6/L2	7.5833	3.004626	2.52389	0.0116*	0.107997	0.029192	0.217099
II-6/L6	Area C	4.8611	3.278316	1.48281	0.1381	0.080502	-0.029625	0.214025
II-6/L6	II-6/L1	4.2500	2.488545	1.70783	0.0877	0.083957	-0.027954	0.240002
II-6/L6	II-6/L3	3.9740	2.581150	1.53963	0.1236	0.078500	-0.033352	0.232284
II-6/L6	II-6/L2	3.7643	2.488545	1.51265	0.1304	0.083982	-0.041676	0.247550
II-6/L5	Area C	3.0754	3.278316	0.93810	0.3482	0.037113	-0.047048	0.145166
II-6/L5	II-6/L1	3.0357	2.488545	1.21988	0.2225	0.054540	-0.046413	0.164689
II-6/L5	II-6/L3	2.8052	2.581150	1.08680	0.2771	0.053323	-0.042874	0.173008
II-6/L5	II-6/L2	2.5500	2.488545	1.02470	0.3055	0.039858	-0.044073	0.150264
II-6/L6	II-6/L4	2.1786	7.131636	0.30548	0.7600	0.019734	-0.098986	0.125003
II-6/L7	II-6/L1	1.5833	2.585573	0.61237	0.5403	0.016010	-0.058517	0.087724
II-6/L6	II-6/L5	1.1429	2.236068	0.51110	0.6093	0.046747	-0.170671	0.231130
II-6/L7	II-6/L2	0.9500	2.585573	0.36742	0.7133	0.014216	-0.062904	0.087167
II-6/L7	II-6/L3	0.8081	2.659080	0.30389	0.7612	0.012361	-0.054323	0.080870
II-6/L7	Area C	0.5833	3.240370	0.18002	0.8571	0.002801	-0.063424	0.072484
II-6/L3	II-6/L1	0.4773	2.711088	0.17604	0.8603	0.006668	-0.063040	0.065965
II-6/L2	II-6/L1	0.1000	2.645751	0.03780	0.9698	0.001258	-0.064399	0.078864
II-6/L3	II-6/L2	-0.0955	2.711088	-0.03521	0.9719	-0.003538	-0.064458	0.059121
II-6/L3	Area C	-0.9520	3.258633	-0.29215	0.7702	-0.008092	-0.076064	0.053387
II-6/L2	Area C	-1.1667	3.244368	-0.35960	0.7191	-0.005731	-0.075894	0.057958
II-6/L1	Area C	-1.4778	3.244368	-0.45549	0.6488	-0.009906	-0.076677	0.048997
Rodafnidia	II-6/L3	-1.6243	4.555804	-0.35654	0.7214	-0.008767	-0.071132	0.051058
II-6/L6	II-6/L4b	-1.8857	2.972359	-0.63442	0.5258	-0.019748	-0.174201	0.141016
II-6/L7	II-6/L5	-2.0317	2.399294	-0.84681	0.3971	-0.036155	-0.170901	0.069095
Rodafnidia	II-6/L1	-2.1353	4.620924	-0.46209	0.6440	-0.012120	-0.073886	0.058417
Rodafnidia	II-6/L2	-2.1353	4.620924	-0.46209	0.6440	-0.007498	-0.083446	0.056513
II-6/L7	II-6/L6	-2.5397	2.399294	-1.05851	0.2898	-0.075162	-0.244600	0.050308
II-6/L5	II-6/L4	-2.8241	7.131636	-0.39599	0.6921	-0.016255	-0.117512	0.079895
Rodafnidia	Area C	-3.0163	4.417484	-0.68282	0.4947	-0.019303	-0.077543	0.039725
Rodafnidia	II-6/L7	-3.3023	4.706992	-0.70157	0.4829	-0.024061	-0.092868	0.045768

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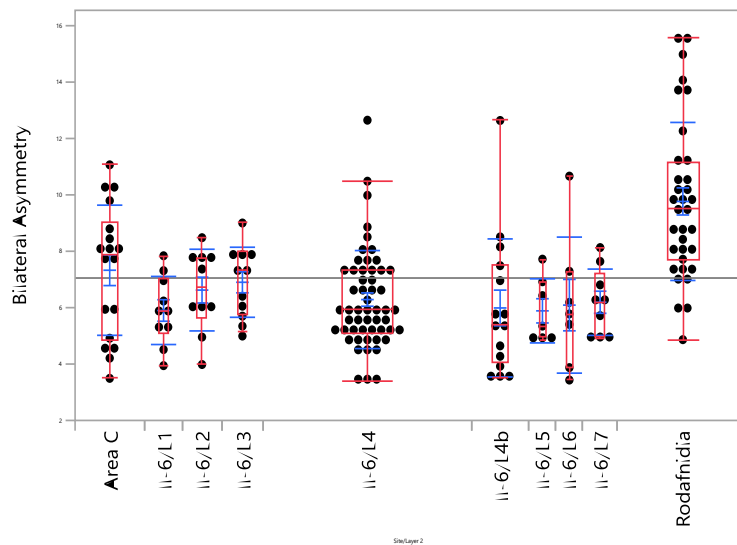
Level	- Level	Score Mean Difference	Std Err Dif	Z	p-Value	Hodges-Lehmann	Lower CL	Upper CL
II-6/L5	II-6/L4b	-3.5619	2.972359	-1.19834	0.2308	-0.067564	-0.198587	0.074186
II-6/L7	II-6/L4b	-6.4000	2.981424	-2.14663	0.0318*	-0.117917	-0.221012	-0.011083
Rodafnidia	II-6/L5	-7.1492	4.971980	-1.43789	0.1505	-0.064806	-0.158193	0.032259
Rodafnidia	II-6/L6	-9.7332	4.971980	-1.95761	0.0503	-0.092000	-0.233960	0.009015
II-6/L7	II-6/L4	-11.4722	6.599663	-1.73830	0.0822	-0.054463	-0.133689	0.012130
Rodafnidia	II-6/L4b	-15.3245	4.428997	-3.46004	0.0005*	-0.125987	-0.212704	-0.057816
Rodafnidia	II-6/L4	-18.9564	5.593076	-3.38927	0.0007*	-0.082062	-0.137025	-0.036037

Connecting Letters Report

Level	
Area C	A
II-6/L1	A
II-6/L2	A
II-6/L3	A
II-6/L4	B C
II-6/L4b	B
II-6/L5	A B C
II-6/L6	A B C
II-6/L7	A C
Rodafnidia	A

Levels not connected by same letter are significantly different.

Oneway Analysis of Bilateral Asymmetry By Site/Layer 2



Means and Std Deviations

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Level	Number	Mean	Std Dev	Std Err Mean	Lower 95%	Upper 95%
Area C	18	7.3177778	2.3041154	0.5430852	6.1719682	8.4635874
II-6/L1	10	5.893	1.2054418	0.3811942	5.0306789	6.7553211
II-6/L2	10	6.615	1.4458773	0.4572265	5.5806817	7.6493183
II-6/L3	11	6.8918182	1.2402001	0.3739344	6.0586404	7.724996
II-6/L4	54	6.2790741	1.7354672	0.2361672	5.8053827	6.7527654
II-6/L4b	15	5.9826667	2.4442541	0.6311037	4.6290839	7.3362495
II-6/L5	7	5.88	1.1349596	0.4289744	4.8303374	6.9296626
II-6/L6	7	6.0828571	2.4083169	0.9102582	3.8555355	8.3101788
II-6/L7	9	6.1844444	1.1741498	0.3913833	5.281913	7.0869759
Rodafnidia	34	9.7535294	2.7973709	0.4797452	8.7774806	10.729578

Wilcoxon / Kruskal-Wallis Tests (Rank Sums)

Level	Count	Score Sum	Expected Score	Score Mean	(Mean-Mean0)/Std0
Area C	18	1766.00	1584.00	98.111	0.892
II-6/L1	10	645.500	880.000	64.550	-1.504
II-6/L2	10	876.000	880.000	87.600	-0.022
II-6/L3	11	1032.00	968.000	93.818	0.390
II-6/L4	54	3904.00	4752.00	72.296	-2.738
II-6/L4b	15	929.500	1320.00	61.967	-2.079
II-6/L5	7	432.000	616.000	61.714	-1.397
II-6/L6	7	467.500	616.000	66.786	-1.127
II-6/L7	9	654.500	792.000	72.722	-0.926
Rodafnidia	34	4693.00	2992.00	138.029	6.413

Kruskal-Wallis Test, ChiSquare Approximation

ChiSquare	DF	Prob>ChiSq
49.2414	9	<.0001*

Nonparametric Comparisons For Each Pair Using Wilcoxon Method

q*	Alpha
1.95996	0.05

Level	- Level	Score Mean Difference	Std Err Dif	Z	p-Value	Hodges-Lehmann	Lower CL	Upper CL
Rodafnidia	II-6/L4	32.6166	5.592904	5.83178	<.0001*	3.18500	2.33000	4.190000
Rodafnidia	II-6/L1	18.7000	4.620924	4.04681	<.0001*	3.42000	2.02000	5.200000
Rodafnidia	II-6/L4b	17.9186	4.428997	4.04575	<.0001*	3.64500	2.29000	5.300000
Rodafnidia	II-6/L5	17.4853	4.971980	3.51677	0.0004*	3.38000	1.91000	5.500000
Rodafnidia	II-6/L7	17.0735	4.706992	3.62727	0.0003*	3.17500	1.81000	5.010000
Rodafnidia	II-6/L2	14.9471	4.620924	3.23465	0.0012*	2.63000	1.16000	4.540000
Rodafnidia	II-6/L3	14.8596	4.555804	3.26169	0.0011*	2.41000	0.98000	4.220000
Rodafnidia	II-6/L6	14.2122	4.971980	2.85846	0.0043*	3.69000	1.48000	6.050000
Rodafnidia	Area C	11.9379	4.417389	2.70248	0.0069*	2.24000	0.45000	3.910000
II-6/L3	II-6/L1	4.4864	2.711088	1.65482	0.0980	1.00500	-0.21000	2.130000

Herzlinger and Galanidou. The Acheulean Large Cutting Tool assemblage from Rodafnidia, Lesvos: A 3D morpho-technological cross-regional comparative analysis. ESM 10

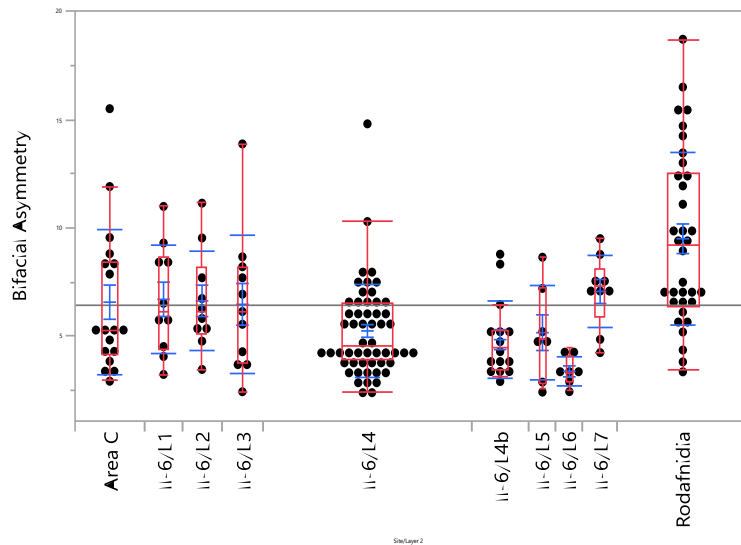
Level	- Level	Score Mean Difference	Std Err Dif	Z	p-Value	Hodges-Lehmann	Lower CL	Upper CL
II-6/L2	II-6/L1	3.4000	2.644756	1.28556	0.1986	0.73500	-0.84000	2.160000
II-6/L4	II-6/L1	2.5481	6.409649	0.39755	0.6910	0.17000	-0.71000	1.280000
II-6/L7	II-6/L4b	2.3111	2.981424	0.77517	0.4382	0.69000	-0.93000	2.120000
II-6/L7	II-6/L5	1.0159	2.399294	0.42340	0.6720	0.11000	-1.33000	1.700000
II-6/L7	II-6/L1	0.9500	2.585573	0.36742	0.7133	0.33500	-1.00000	1.650000
II-6/L7	II-6/L6	0.7619	2.399294	0.31755	0.7508	0.39000	-2.29000	2.290000
II-6/L5	II-6/L4b	0.7333	2.971520	0.24679	0.8051	0.34000	-1.77000	1.630000
II-6/L3	II-6/L2	0.4773	2.711088	0.17604	0.8603	0.15000	-1.15000	1.630000
II-6/L6	II-6/L4b	0.4190	2.972359	0.14098	0.8879	0.08000	-1.97000	2.250000
II-6/L7	II-6/L4	0.3889	6.599346	0.05893	0.9530	0.06500	-1.02000	1.060000
II-6/L6	II-6/L5	0.0000	2.236068	0.00000	1.0000	0.06000	-1.94000	2.430000
II-6/L6	II-6/L1	-0.1214	2.488545	-0.04880	0.9611	-0.07000	-1.97000	2.030000
II-6/L5	II-6/L1	-0.6071	2.488545	-0.24398	0.8073	-0.19500	-1.28000	1.400000
II-6/L4b	II-6/L1	-1.5833	3.003470	-0.52717	0.5981	-0.27500	-1.73000	1.400000
II-6/L7	II-6/L2	-1.5833	2.585573	-0.61237	0.5403	-0.49000	-2.03000	0.950000
II-6/L3	Area C	-2.2702	3.258231	-0.69676	0.4860	-0.39500	-2.26000	1.260000
II-6/L6	II-6/L2	-2.5500	2.488545	-1.02470	0.3055	-0.71500	-2.67000	1.790000
II-6/L5	II-6/L2	-2.6714	2.487020	-1.07415	0.2828	-0.88500	-2.53000	0.870000
II-6/L6	II-6/L4	-2.7434	7.131259	-0.38470	0.7005	-0.27000	-1.86000	1.170000
II-6/L2	Area C	-2.8778	3.243924	-0.88713	0.3750	-0.63500	-2.52000	1.200000
II-6/L7	II-6/L3	-3.2323	2.659080	-1.21558	0.2241	-0.78000	-2.26000	0.500000
II-6/L6	II-6/L3	-3.2727	2.581150	-1.26793	0.2048	-1.28000	-2.81000	1.030000
II-6/L7	Area C	-3.4167	3.239876	-1.05457	0.2916	-1.20000	-3.01000	0.680000
II-6/L5	II-6/L4	-3.9537	7.131353	-0.55441	0.5793	-0.24500	-1.35000	0.880000
II-6/L6	Area C	-4.0675	3.277685	-1.24096	0.2146	-1.49500	-4.05000	1.170000
II-6/L4b	II-6/L2	-4.0833	3.004626	-1.35902	0.1741	-0.85000	-2.42000	0.680000
II-6/L5	Area C	-4.2659	3.277685	-1.30149	0.1931	-1.42500	-3.34000	0.590000
II-6/L5	II-6/L3	-4.4416	2.581150	-1.72077	0.0853	-0.90000	-2.57000	0.390000
II-6/L4b	II-6/L3	-5.0424	3.036146	-1.66080	0.0968	-1.45000	-2.62000	0.210000
II-6/L1	Area C	-5.3667	3.243924	-1.65437	0.0981	-1.73000	-3.22000	0.350000
II-6/L4b	II-6/L4	-5.6648	5.855353	-0.96746	0.3333	-0.59500	-1.60000	0.560000
II-6/L4b	Area C	-5.9278	3.380217	-1.75367	0.0795	-1.58500	-3.42000	0.220000
II-6/L4	II-6/L2	-7.1704	6.409649	-1.11868	0.2633	-0.52500	-1.63000	0.590000
II-6/L4	II-6/L3	-10.2315	6.254286	-1.63592	0.1019	-0.67500	-1.79000	0.150000
II-6/L4	Area C	-10.3333	5.695728	-1.81423	0.0696	-1.17000	-2.52000	0.160000

Connecting Letters Report

Level	
Area C	A
II-6/L1	A
II-6/L2	A
II-6/L3	A
II-6/L4	A
II-6/L4b	A
II-6/L5	A
II-6/L6	A
II-6/L7	A
Rodafnidia	B

Levels not connected by same letter are significantly different.

Oneway Analysis of Bifacial Asymmetry By Site/Layer 2



Means and Std Deviations

Level	Number	Mean	Std Dev	Std Err Mean	Lower 95%	Upper 95%
Area C	18	6.5616667	3.3564955	0.7911336	4.8925207	8.2308126
II-6/L1	10	6.693	2.5062635	0.7925501	4.9001271	8.4858729
II-6/L2	10	6.623	2.297037	0.7263869	4.9797987	8.2662013
II-6/L3	11	6.4609091	3.197588	0.9641091	4.3127402	8.6090779
II-6/L4	54	5.2318519	2.1500698	0.2925874	4.6449958	5.8187079
II-6/L4b	15	4.8286667	1.7883107	0.4617398	3.8383332	5.8190001
II-6/L5	7	5.1514286	2.1820971	0.8247552	3.1333254	7.1695318
II-6/L6	7	3.3628571	0.6738129	0.2546773	2.7396842	3.9860301
II-6/L7	9	7.0577778	1.6667992	0.5555997	5.7765625	8.338993
Rodafnidia	34	9.4944118	3.9916687	0.6845655	8.1016527	10.887171

Wilcoxon / Kruskal-Wallis Tests (Rank Sums)

Level	Count	Score Sum	Expected Score	Score Mean	(Mean-Mean0)/Std0
Area C	18	1608.50	1584.00	89.361	0.118
II-6/L1	10	996.000	880.000	99.600	0.742
II-6/L2	10	1000.00	880.000	100.000	0.768
II-6/L3	11	996.500	968.000	90.591	0.172
II-6/L4	54	3777.00	4752.00	69.944	-3.148
II-6/L4b	15	918.000	1320.00	61.200	-2.140
II-6/L5	7	485.000	616.000	69.286	-0.994

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Level	Count	Score Sum	Expected Score	Score Mean	(Mean-Mean0)/Std0
II-6/L6	7	171.000	616.000	24.429	-3.385
II-6/L7	9	1028.50	792.000	114.278	1.594
Rodafnidia	34	4419.50	2992.00	129.985	5.382

Kruskal-Wallis Test, ChiSquare Approximation

ChiSquare	DF	Prob>ChiSq
49.9339	9	<.0001*

Nonparametric Comparisons For Each Pair Using Wilcoxon Method

q*	Alpha
1.95996	0.05

Level	- Level	Score Mean Difference	Std Err Dif	Z	p-Value	Hodges-Lehmann	Lower CL	Upper CL
Rodafnidia	II-6/L4	29.5011	5.593002	5.27464	<.0001*	3.60000	2.49000	5.50000
Rodafnidia	II-6/L6	19.5525	4.971764	3.93271	<.0001*	5.46000	3.02000	9.08000
II-6/L7	II-6/L4	18.7963	6.599426	2.84817	0.0044*	2.05000	0.71000	3.36000
Rodafnidia	II-6/L4b	18.4951	4.428997	4.17591	<.0001*	3.86500	2.22000	6.57000
Rodafnidia	II-6/L5	13.5231	4.971980	2.71986	0.0065*	4.13000	1.14000	7.38000
Rodafnidia	Area C	12.3203	4.417389	2.78904	0.0053*	2.71500	1.00000	4.83000
Rodafnidia	II-6/L2	10.0941	4.620761	2.18451	0.0289*	2.29000	0.15000	5.38000
Rodafnidia	II-6/L3	9.9265	4.555804	2.17886	0.0293*	2.80500	0.26000	5.70000
Rodafnidia	II-6/L1	9.7706	4.620924	2.11442	0.0345*	2.53000	0.12000	5.40000
II-6/L7	II-6/L6	7.6190	2.395763	3.18022	0.0015*	4.02000	1.73000	5.05000
II-6/L7	II-6/L4b	7.4667	2.980776	2.50494	0.0122*	2.41000	0.77000	3.88000
Rodafnidia	II-6/L7	5.9020	4.706637	1.25397	0.2099	2.08500	-0.54000	5.13000
II-6/L7	II-6/L5	3.9365	2.395763	1.64311	0.1004	2.19000	-0.53000	4.47000
II-6/L7	Area C	2.5833	3.239876	0.79736	0.4252	1.39500	-1.19000	3.29000
II-6/L7	II-6/L3	2.4242	2.658080	0.91203	0.3618	0.86000	-1.29000	3.31000
II-6/L1	Area C	2.0222	3.243924	0.62339	0.5330	0.48000	-2.08000	3.01000
II-6/L2	Area C	2.0222	3.243924	0.62339	0.5330	0.60500	-1.97000	2.38000
II-6/L7	II-6/L2	1.7944	2.584438	0.69433	0.4875	0.84500	-1.89000	2.54000
II-6/L7	II-6/L1	1.3722	2.584438	0.53096	0.5954	0.60500	-1.83000	2.96000
II-6/L5	II-6/L4	0.4034	7.131542	0.05657	0.9549	0.09000	-1.65000	1.61000
II-6/L2	II-6/L1	0.1000	2.645751	0.03780	0.9698	0.11500	-2.91000	2.22000
II-6/L3	Area C	0.0000	3.258231	0.00000	1.0000	-0.04500	-2.23000	2.61000
II-6/L5	II-6/L4b	0.0000	2.972359	0.00000	1.0000	0.12000	-1.61000	2.12000
II-6/L3	II-6/L2	-0.3818	2.710208	-0.14088	0.8880	-0.40500	-2.83000	2.27000
II-6/L3	II-6/L1	-1.2409	2.711088	-0.45772	0.6472	-0.43500	-2.91000	2.42000
II-6/L5	II-6/L3	-1.8701	2.581150	-0.72453	0.4687	-1.00000	-3.90000	1.56000
II-6/L5	II-6/L1	-2.7929	2.488545	-1.12229	0.2617	-1.29500	-4.10000	1.42000
II-6/L5	Area C	-3.2738	3.278316	-0.99863	0.3180	-0.61500	-3.56000	1.49000
II-6/L5	II-6/L2	-3.4000	2.487020	-1.36710	0.1716	-1.36000	-3.94000	1.34000
II-6/L6	II-6/L5	-3.4286	2.233609	-1.53499	0.1248	-1.64000	-4.34000	0.45000
II-6/L4b	II-6/L3	-4.0970	3.036146	-1.34940	0.1772	-1.19000	-3.53000	0.72000
II-6/L4b	II-6/L4	-4.4296	5.855406	-0.75650	0.4493	-0.38000	-1.26000	0.68000
II-6/L4b	Area C	-5.2556	3.380217	-1.55480	0.1200	-1.03500	-3.28000	0.24000

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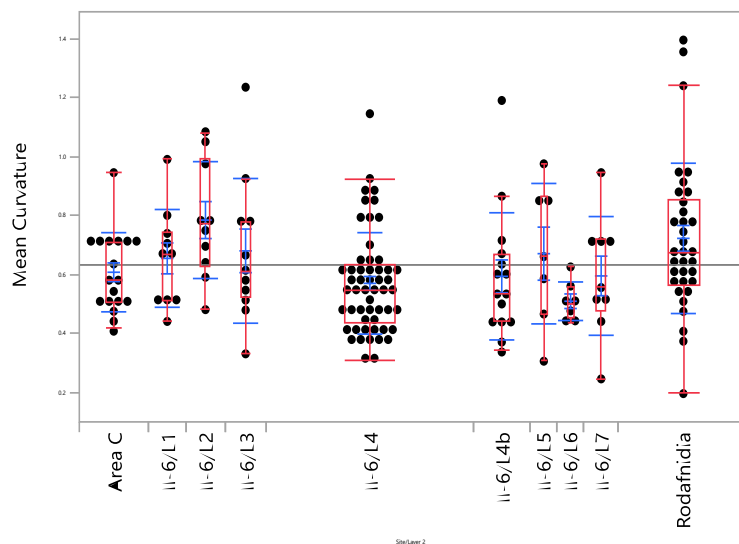
Level	- Level	Score Mean Difference	Std Err Dif	Z	p-Value	Hodges-Lehmann	Lower CL	Upper CL
II-6/L6	II-6/L3	-6.0779	2.579818	-2.35595	0.0185*	-2.85000	-5.08000	-0.43000
II-6/L4b	II-6/L1	-6.0833	3.004626	-2.02466	0.0429*	-1.93500	-4.04000	-0.02000
II-6/L4b	II-6/L2	-6.5833	3.004626	-2.19107	0.0284*	-1.68500	-3.20000	-0.17000
II-6/L6	II-6/L4b	-6.9143	2.971520	-2.32685	0.0200*	-0.90000	-2.40000	-0.12000
II-6/L6	II-6/L1	-7.1643	2.487020	-2.88067	0.0040*	-3.05500	-5.87000	-0.99000
II-6/L4	Area C	-7.6667	5.695957	-1.34598	0.1783	-0.89000	-2.09000	0.34000
II-6/L4	II-6/L3	-7.8788	6.254491	-1.25970	0.2078	-1.00500	-2.72000	0.50000
II-6/L6	II-6/L2	-7.8929	2.487020	-3.17362	0.0015*	-2.74500	-5.19000	-1.41000
II-6/L6	Area C	-9.4246	3.277685	-2.87538	0.0040*	-2.06000	-5.36000	-0.73000
II-6/L4	II-6/L1	-11.8519	6.409722	-1.84904	0.0645	-1.50500	-3.11000	0.09000
II-6/L4	II-6/L2	-12.1481	6.409796	-1.89525	0.0581	-1.36500	-2.71000	0.11000
II-6/L6	II-6/L4	-18.8003	7.130976	-2.63642	0.0084*	-1.44500	-2.96000	-0.40000

Connecting Letters Report

Level				
Area C	A	B	C	
II-6/L1	A		C	
II-6/L2	A		C	
II-6/L3	A	B	C	
II-6/L4	A	B		
II-6/L4b		B		
II-6/L5	A	B	C	D
II-6/L6				D
II-6/L7		C		E
Rodafnidia			E	

Levels not connected by same letter are significantly different.

Oneway Analysis of Mean Curvature By Site/Layer 2



Means and Std Deviations

Level	Number	Mean	Std Dev	Std Err Mean	Lower 95%	Upper 95%
Area C	18	0.6069444	0.1343628	0.0316696	0.5401274	0.6737615
II-6/L1	10	0.654	0.1659451	0.0524764	0.53529	0.77271
II-6/L2	10	0.784	0.1983375	0.0627198	0.6421179	0.9258821
II-6/L3	11	0.6795455	0.2455856	0.0740468	0.5145588	0.8445321
II-6/L4	54	0.5691667	0.1721363	0.0234248	0.5221825	0.6161508
II-6/L4b	15	0.593	0.2158273	0.0557264	0.4734788	0.7125212
II-6/L5	7	0.67	0.238345	0.0900859	0.4495677	0.8904323
II-6/L6	7	0.5085714	0.065429	0.0247298	0.4480597	0.5690831
II-6/L7	9	0.5944444	0.2015013	0.0671671	0.4395568	0.7493321
Rodafnidia	34	0.7219118	0.2550877	0.0437472	0.6329075	0.8109161

Wilcoxon / Kruskal-Wallis Tests (Rank Sums)

Level	Count	Score Sum	Expected Score	Score Mean	(Mean-Mean0)/Std0
Area C	18	1553.50	1584.00	86.306	-0.147
II-6/L1	10	987.000	880.000	98.700	0.685
II-6/L2	10	1266.00	880.000	126.600	2.478
II-6/L3	11	1079.00	968.000	98.091	0.679
II-6/L4	54	3847.00	4752.00	71.241	-2.922
II-6/L4b	15	1129.50	1320.00	75.300	-1.013
II-6/L5	7	698.000	616.000	99.714	0.621
II-6/L6	7	366.000	616.000	52.286	-1.900
II-6/L7	9	753.500	792.000	83.722	-0.257
Rodafnidia	34	3720.50	2992.00	109.426	2.746

Kruskal-Wallis Test, ChiSquare Approximation

ChiSquare	DF	Prob>ChiSq
23.5611	9	0.0051*

Nonparametric Comparisons For Each Pair Using Wilcoxon Method

q*	Alpha
1.95996	0.05

Level	- Level	Score Mean Difference	Std Err Dif	Z	p-Value	Hodges-Leh mann	Lower CL	Upper CL
Rodafnidia	II-6/L4	18.5011	5.592288	3.30832	0.0009*	0.145000	0.060000	0.220000
Rodafnidia	II-6/L6	13.8676	4.970897	2.78977	0.0053*	0.167500	0.060000	0.330000
Rodafnidia	II-6/L4b	9.3676	4.428319	2.11540	0.0344*	0.130000	0.015000	0.250000
II-6/L5	II-6/L4	8.8757	7.130410	1.24476	0.2132	0.105000	-0.080000	0.300000
Rodafnidia	Area C	8.0294	4.416635	1.81799	0.0691	0.090000	-0.015000	0.195000

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Level	- Level	Score Mean Difference	Std Err Dif	Z	p-Value	Hodges-Lehmann	Lower CL	Upper CL
II-6/L2	Area C	7.3889	3.243480	2.27807	0.0227*	0.172500	0.045000	0.340000
Rodafnidia	II-6/L7	6.1830	4.705926	1.31388	0.1889	0.105000	-0.060000	0.280000
II-6/L7	II-6/L4	4.1481	6.598475	0.62865	0.5296	0.050000	-0.100000	0.160000
II-6/L2	II-6/L1	3.5000	2.645751	1.32288	0.1859	0.112500	-0.040000	0.325000
Rodafnidia	II-6/L1	3.3647	4.619622	0.72835	0.4664	0.055000	-0.105000	0.200000
Rodafnidia	II-6/L3	3.1283	4.554753	0.68683	0.4922	0.040000	-0.110000	0.200000
II-6/L7	II-6/L6	3.0476	2.399294	1.27021	0.2040	0.075000	-0.070000	0.255000
II-6/L3	Area C	2.4167	3.257429	0.74189	0.4582	0.055000	-0.105000	0.200000
II-6/L5	II-6/L4b	2.4095	2.970681	0.81110	0.4173	0.120000	-0.150000	0.330000
II-6/L1	Area C	2.1000	3.242592	0.64763	0.5172	0.020000	-0.065000	0.180000
II-6/L5	Area C	2.0833	3.277055	0.63573	0.5250	0.087500	-0.125000	0.275000
II-6/L4b	II-6/L4	1.4481	5.854604	0.24735	0.8046	0.015000	-0.090000	0.110000
II-6/L7	II-6/L4b	1.3333	2.978830	0.44760	0.6544	0.035000	-0.160000	0.190000
Rodafnidia	II-6/L5	1.1197	4.970897	0.22526	0.8218	0.020000	-0.190000	0.260000
II-6/L3	II-6/L1	0.2864	2.710208	0.10566	0.9159	0.007500	-0.180000	0.220000
II-6/L5	II-6/L1	0.1214	2.488545	0.04880	0.9611	0.030000	-0.215000	0.295000
II-6/L5	II-6/L3	0.1169	2.578485	0.04533	0.9638	0.025000	-0.280000	0.280000
II-6/L7	Area C	-0.1667	3.237402	-0.05148	0.9589	-5.55e-17	-0.185000	0.160000
II-6/L7	II-6/L1	-1.0556	2.582168	-0.40879	0.6827	-0.022500	-0.260000	0.180000
II-6/L7	II-6/L5	-1.5238	2.399294	-0.63511	0.5254	-0.105000	-0.345000	0.215000
II-6/L7	II-6/L3	-2.0202	2.658080	-0.76002	0.4472	-0.065000	-0.280000	0.145000
II-6/L5	II-6/L2	-2.1857	2.487020	-0.87885	0.3795	-0.112500	-0.390000	0.180000
II-6/L4b	Area C	-2.2000	3.378522	-0.65117	0.5149	-0.052500	-0.145000	0.090000
II-6/L6	II-6/L4b	-2.4095	2.970681	-0.81110	0.4173	-0.045000	-0.180000	0.065000
II-6/L4b	II-6/L3	-2.9939	3.035108	-0.98644	0.3239	-0.085000	-0.245000	0.085000
II-6/L6	II-6/L5	-3.1429	2.236068	-1.40553	0.1599	-0.160000	-0.415000	0.130000
II-6/L3	II-6/L2	-3.2455	2.709327	-1.19788	0.2310	-0.125000	-0.310000	0.105000
II-6/L4b	II-6/L1	-3.5833	3.002892	-1.19329	0.2328	-0.077500	-0.225000	0.095000
II-6/L6	II-6/L4	-4.5185	7.130221	-0.63371	0.5263	-0.035000	-0.140000	0.060000
Rodafnidia	II-6/L2	-4.6588	4.619622	-1.00849	0.3132	-0.085000	-0.225000	0.090000
II-6/L7	II-6/L2	-4.7500	2.585573	-1.83712	0.0662	-0.192500	-0.395000	0.030000
II-6/L6	II-6/L3	-4.7922	2.578485	-1.85854	0.0631	-0.125000	-0.330000	0.015000
II-6/L6	II-6/L1	-5.3429	2.487020	-2.14830	0.0317*	-0.150000	-0.275000	-0.005000
II-6/L6	Area C	-6.2500	3.275793	-1.90793	0.0564	-0.080000	-0.210000	0.005000
II-6/L4b	II-6/L2	-6.9167	3.004048	-2.30245	0.0213*	-0.200000	-0.365000	-0.040000
II-6/L6	II-6/L2	-6.9214	2.488545	-2.78132	0.0054*	-0.262500	-0.490000	-0.090000
II-6/L4	Area C	-7.5556	5.695224	-1.32665	0.1846	-0.055000	-0.125000	0.040000
II-6/L4	II-6/L3	-9.3561	6.253398	-1.49616	0.1346	-0.095000	-0.215000	0.025000
II-6/L4	II-6/L1	-10.6667	6.408768	-1.66439	0.0960	-0.100000	-0.200000	0.035000
II-6/L4	II-6/L2	-19.2000	6.408695	-2.99593	0.0027*	-0.210000	-0.360000	-0.095000

Connecting Letters Report

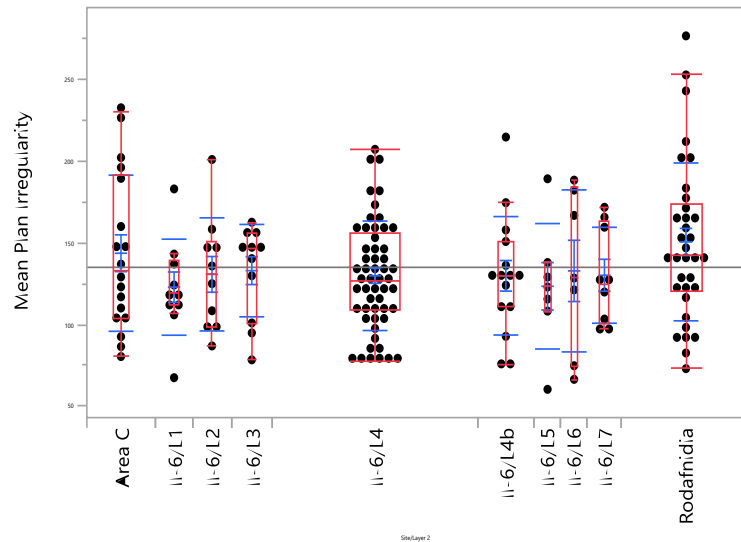
Level				
Area C	A	B	C	
II-6/L1	A		C	D
II-6/L2				D
II-6/L3	A	B	C	D
II-6/L4	A	B		
II-6/L4b	A	B		

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Level				
II-6/L5	A	B	C	D
II-6/L6		B		
II-6/L7	A	B	C	D
Rodafnidia			C	D

Levels not connected by same letter are significantly different.

Oneway Analysis of Mean Plan Irregularity By Site/Layer 2



Means and Std Deviations

Level	Number	Mean	Std Dev	Std Err Mean	Lower 95%	Upper 95%
Area C	18	143.54111	47.672714	11.236566	119.83403	167.24819
II-6/L1	10	122.804	29.33403	9.2762349	101.8197	143.7883
II-6/L2	10	130.627	34.53446	10.920755	105.92254	155.33146
II-6/L3	11	132.91455	28.214615	8.5070264	113.95971	151.86938
II-6/L4	54	129.76	33.431577	4.5494615	120.63494	138.88506
II-6/L4b	15	129.75333	36.169086	9.3388178	109.72356	149.78311
II-6/L5	7	123.35929	38.307436	14.47885	87.930816	158.78776
II-6/L6	7	132.74714	49.482481	18.70262	86.98348	178.51081
II-6/L7	9	130.08667	29.290169	9.7633897	107.57225	152.60108
Rodafnidia	34	150.45838	48.201499	8.2664888	133.64008	167.27668

Wilcoxon / Kruskal-Wallis Tests (Rank Sums)

Level	Count	Score Sum	Expected Score	Score Mean	(Mean-Mean0)/Std0
Area C	18	1700.00	1584.00	94.444	0.567

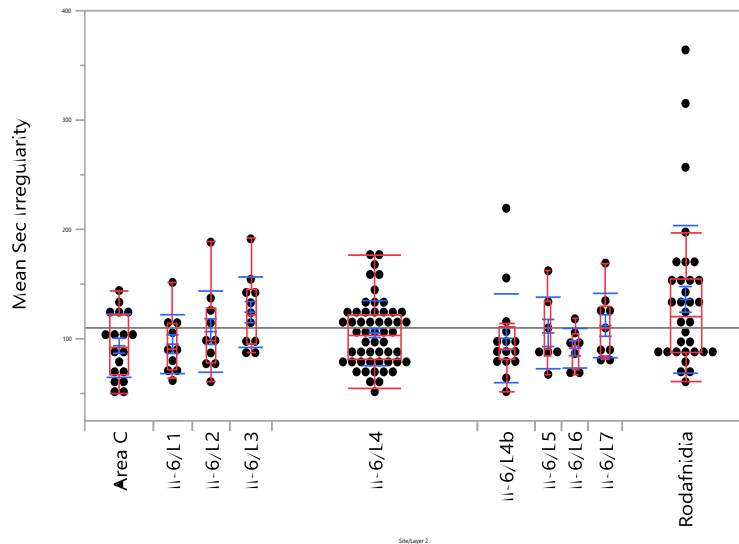
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Level	Count	Score Sum	Expected Score	Score Mean	(Mean-Mean0)/Std0
II-6/L1	10	714.000	880.000	71.400	-1.064
II-6/L2	10	830.000	880.000	83.000	-0.318
II-6/L3	11	1024.00	968.000	93.091	0.341
II-6/L4	54	4466.00	4752.00	82.704	-0.922
II-6/L4b	15	1238.00	1320.00	82.533	-0.434
II-6/L5	7	517.000	616.000	73.857	-0.750
II-6/L6	7	619.000	616.000	88.429	0.019
II-6/L7	9	750.000	792.000	83.333	-0.280
Rodafnidia	34	3542.00	2992.00	104.176	2.072

Kruskal-Wallis Test, ChiSquare Approximation

ChiSquare	DF	Prob>ChiSq
6.4269	9	0.6965

Oneway Analysis of Mean Sec Irregularity By Site/Layer 2



Means and Std Deviations

Level	Number	Mean	Std Dev	Std Err Mean	Lower 95%	Upper 95%
Area C	18	94.037647	28.918502	6.8161563	79.656814	108.41848
II-6/L1	10	95.48378	26.860154	8.4939265	76.269183	114.69838
II-6/L2	10	106.90963	37.106116	11.733984	80.365514	133.45375
II-6/L3	11	124.65965	32.167055	9.698732	103.04953	146.26978
II-6/L4	54	105.49027	29.653102	4.0352761	97.396534	113.58401

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Level	Number	Mean	Std Dev	Std Err Mean	Lower 95%	Upper 95%
II-6/L4b	15	100.84249	40.549174	10.469752	78.387109	123.29788
II-6/L5	7	105.70361	32.690337	12.355786	75.470095	135.93713
II-6/L6	7	91.741886	18.079158	6.8332796	75.021453	108.46232
II-6/L7	9	112.47509	29.398868	9.7996226	89.877124	135.07306
Rodafnidia	33	136.34582	67.447801	11.741155	112.42987	160.26177

Wilcoxon / Kruskal-Wallis Tests (Rank Sums)

Level	Count	Score Sum	Expected Score	Score Mean	(Mean-Mean0)/Std0
Area C	18	1228.00	1575.00	68.222	-1.712
II-6/L1	10	676.000	875.000	67.600	-1.284
II-6/L2	10	836.000	875.000	83.600	-0.249
II-6/L3	11	1266.00	962.500	115.091	1.874
II-6/L4	54	4612.00	4725.00	85.407	-0.366
II-6/L4b	15	1065.00	1312.50	71.000	-1.324
II-6/L5	7	597.000	612.500	85.286	-0.115
II-6/L6	7	461.000	612.500	65.857	-1.156
II-6/L7	9	873.000	787.500	97.000	0.578
Rodafnidia	33	3611.00	2887.50	109.424	2.776

Kruskal-Wallis Test, ChiSquare Approximation

ChiSquare	DF	Prob>ChiSq
17.1363	9	0.0466*

Nonparametric Comparisons For Each Pair Using Wilcoxon Method

q*	Alpha
1.95996	0.05

Level	- Level	Score Mean Difference	Std Err Dif	Z	p-Value	Hodges-Lehmann	Lower CL	Upper CL
Rodafnidia	II-6/L4	12.4739	5.581053	2.23505	0.0254*	18.0256	2.2370	37.3404
Rodafnidia	Area C	11.7197	4.356001	2.69047	0.0071*	29.0653	7.7382	53.3608
Rodafnidia	II-6/L1	9.7076	4.532598	2.14172	0.0322*	25.5269	1.8800	59.5185
Rodafnidia	II-6/L6	9.3506	4.864692	1.92215	0.0546	30.4848	-2.1406	66.5483
Rodafnidia	II-6/L4b	9.2121	4.359594	2.11307	0.0346*	26.6802	1.3624	55.5473
II-6/L3	Area C	7.3965	3.258633	2.26981	0.0232*	28.4028	4.1861	57.4907
II-6/L4	II-6/L1	7.2889	6.409869	1.13714	0.2555	9.7278	-9.6780	29.3951
II-6/L4	Area C	7.0000	5.696002	1.22893	0.2191	10.5027	-6.3174	28.2813
Rodafnidia	II-6/L2	6.0591	4.532598	1.33678	0.1813	18.4682	-11.0919	54.1163
II-6/L3	II-6/L1	5.8227	2.711088	2.14775	0.0317*	27.4453	1.0026	58.5516
II-6/L7	II-6/L4	5.1204	6.599663	0.77585	0.4378	7.1516	-14.8489	28.4932
Rodafnidia	II-6/L5	4.8485	4.864692	0.99667	0.3189	17.8464	-13.3951	62.5436
II-6/L7	Area C	4.5833	3.240370	1.41445	0.1572	19.7019	-10.8367	44.3694
Rodafnidia	II-6/L7	4.2424	4.613332	0.91960	0.3578	8.0972	-16.9560	45.2835
II-6/L3	II-6/L2	3.9136	2.711088	1.44357	0.1489	18.3262	-11.9693	53.9793

Herzlinger and Galanidou. The Acheulean Large Cutting Tool assemblage from Rodafnidia, Lesvos: A 3D morpho-technological cross-regional comparative analysis. ESM 10

Level	- Level	Score Mean Difference	Std Err Dif	Z	p-Value	Hodges-Lehmann	Lower CL	Upper CL
II-6/L7	II-6/L4b	3.5556	2.981424	1.19257	0.2330	15.5912	-8.8324	42.2495
II-6/L7	II-6/L1	3.4833	2.585573	1.34722	0.1779	16.3237	-13.3692	49.1656
II-6/L5	Area C	3.0754	3.278316	0.93810	0.3482	8.6908	-18.3364	38.7962
II-6/L7	II-6/L6	3.0476	2.399294	1.27021	0.2040	16.2860	-11.8699	55.8976
II-6/L2	Area C	2.1000	3.244368	0.64728	0.5175	10.6647	-18.1646	36.9336
II-6/L2	II-6/L1	1.9000	2.645751	0.71813	0.4727	9.7961	-18.0598	39.2675
II-6/L7	II-6/L2	1.5833	2.585573	0.61237	0.5403	6.8307	-27.1454	40.8197
II-6/L5	II-6/L1	1.3357	2.488545	0.53675	0.5914	10.3102	-24.4077	46.7579
II-6/L5	II-6/L4b	1.2571	2.972359	0.42294	0.6723	6.1826	-21.6926	40.4390
II-6/L7	II-6/L5	0.7619	2.399294	0.31755	0.7508	3.2655	-30.7573	42.4409
II-6/L4	II-6/L2	0.6519	6.409869	0.10170	0.9190	1.4481	-21.0260	23.0506
II-6/L4b	Area C	0.5500	3.380500	0.16270	0.8708	2.1448	-20.8621	25.9307
II-6/L1	Area C	0.3889	3.244368	0.11987	0.9046	3.1243	-24.6667	25.7163
II-6/L4b	II-6/L1	0.2500	3.004626	0.08321	0.9337	1.1290	-22.2900	22.2189
II-6/L6	II-6/L4b	0.2095	2.972359	0.07049	0.9438	0.9858	-24.4120	19.3252
II-6/L5	II-6/L2	0.0000	2.488545	0.00000	1.0000	-0.5208	-37.0615	36.0970
Rodafnidia	II-6/L3	0.0000	4.472136	0.00000	1.0000	-0.7390	-27.7381	32.5681
II-6/L6	II-6/L1	-0.1214	2.488545	-0.04880	0.9611	-0.7087	-28.7822	24.9184
II-6/L6	Area C	-0.2976	3.278316	-0.09078	0.9277	-2.1228	-31.0160	24.2385
II-6/L5	II-6/L4	-0.4034	7.131636	-0.05657	0.9549	-0.8089	-26.6693	26.5030
II-6/L6	II-6/L5	-1.1429	2.236068	-0.51110	0.6093	-11.6567	-58.0230	19.9022
II-6/L4b	II-6/L2	-1.7500	3.004626	-0.58244	0.5603	-6.2112	-34.7319	18.1733
II-6/L6	II-6/L2	-1.8214	2.488545	-0.73193	0.4642	-9.3378	-43.4314	18.9349
II-6/L7	II-6/L3	-2.6263	2.659080	-0.98766	0.3233	-12.1832	-44.4229	22.1780
II-6/L5	II-6/L3	-3.0390	2.581150	-1.17737	0.2390	-20.2165	-55.0098	16.8129
II-6/L6	II-6/L3	-5.6104	2.581150	-2.17360	0.0297*	-28.1773	-59.9705	-0.8378
II-6/L4b	II-6/L4	-6.4315	5.855513	-1.09836	0.2720	-9.0488	-26.6699	7.9102
II-6/L4b	II-6/L3	-6.7758	3.036146	-2.23170	0.0256*	-29.0517	-53.4991	-2.0526
II-6/L6	II-6/L4	-7.3426	7.131636	-1.02958	0.3032	-12.0155	-33.2116	8.7042
II-6/L4	II-6/L3	-11.4352	6.254628	-1.82828	0.0675	-18.4663	-38.8505	1.6246

Connecting Letters Report

Level	
Area C	A
II-6/L1	A
II-6/L2	A B C D
II-6/L3	B C
II-6/L4	A B
II-6/L4b	A
II-6/L5	A B C D
II-6/L6	A D
II-6/L7	A B C D
Rodafnidia	C D

Levels not connected by same letter are significantly different.
Missing Rows1