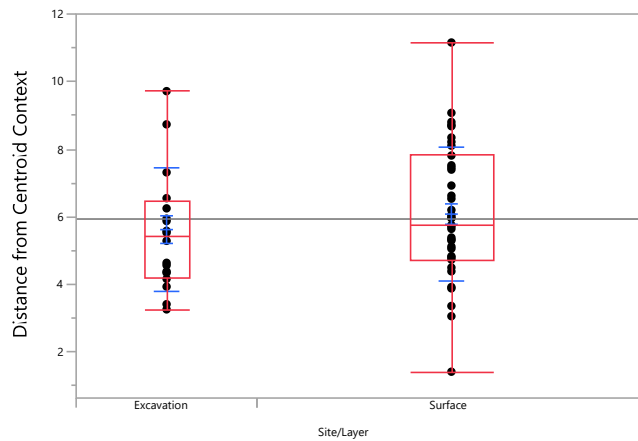


Statistical Analyses of handaxe morphological variables vs. context

Fit Group

Oneway Analysis of Distance from Centroid Context By Site/Layer



Means and Std Deviations

Level	Number	Mean	Std Dev	Std Err Mean	Lower 95%	Upper 95%	Std Dev Lower 95%	Std Dev Upper 95%	
Excavation	20	5.6241715	1.8275179	0.4086454	4.7688668	6.4794762	1.3898098	2.6692208	
Surface	43	6.0831271	1.9792297	0.3018297	5.4740101	6.6922441	1.6319554	2.5156217	

Wilcoxon / Kruskal-Wallis Tests (Rank Sums)

Level	Count	Score Sum	Expected Score	Score Mean	(Mean-Mean0)/Std0
Excavation	20	571.000	640.000	28.5500	-1.011
Surface	43	1445.00	1376.00	33.6047	1.011

Wilcoxon Two-Sample Test, Normal Approximation

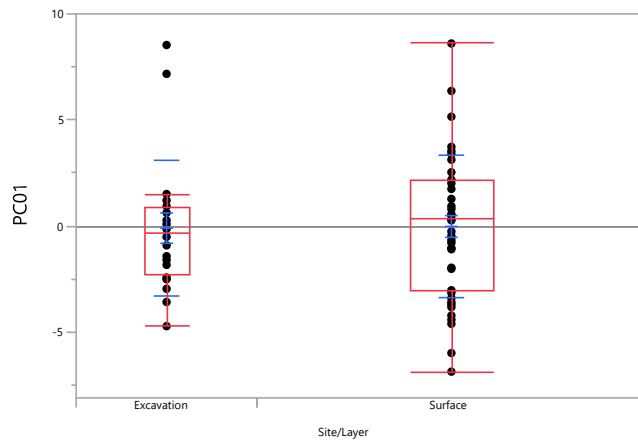
S	Z	Prob> Z
571	-1.01144	0.3118

Kruskal-Wallis Test, ChiSquare Approximation

ChiSquare	DF	Prob>ChiSq
1.0380	1	0.3083

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Oneway Analysis of PC01 By Site/Layer



Means and Std Deviations

Level	Number	Mean	Std Dev	Std Err Mean	Lower 95%	Upper 95%	Std Dev Lower 95%	Std Dev Upper 95%	
Excavation	20	3.1966933	0.7148024			1.4004635	2.4310545	4.6689996	
		-0.095635			-1.591734				
Surface	43	3.3558222	0.5117581			1.0186347	2.767012	4.2652853	
		-0.014135			-1.046905				

Wilcoxon / Kruskal-Wallis Tests (Rank Sums)

Level	Count	Score Sum	Expected Score	Score Mean	(Mean-Mean0)/Std0
Excavation	20	606.000	640.000	30.3000	-0.495
Surface	43	1410.00	1376.00	32.7907	0.495

Wilcoxon Two-Sample Test, Normal Approximation

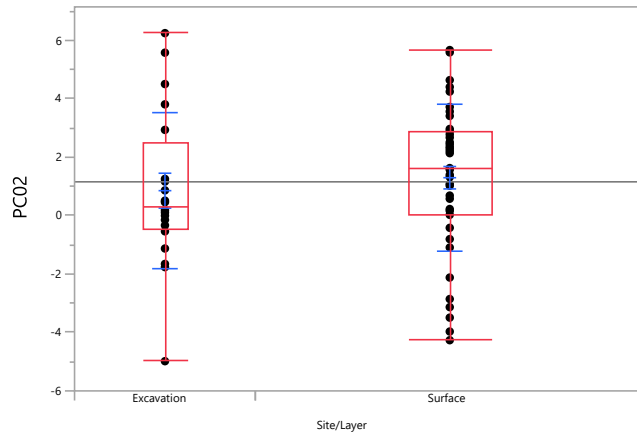
S	Z	Prob> Z
606	-0.49465	0.6208

Kruskal-Wallis Test, ChiSquare Approximation

ChiSquare	DF	Prob>ChiSq
0.2520	1	0.6156

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Oneway Analysis of PC02 By Site/Layer



Means and Std Deviations

Level	Number	Mean	Std Dev	Std Err Mean	Lower 95%	Upper 95%	Std Dev Lower 95%	Std Dev Upper 95%	
Excavation	20	0.855035	2.6710478	0.5972644		2.1051239	2.0313062	3.9012567	
					-0.395054				
Surface	43	1.298193	2.5155726	0.3836212	0.524014	2.072372	2.074192	3.1973192	

Wilcoxon / Kruskal-Wallis Tests (Rank Sums)

Level	Count	Score Sum	Expected Score	Score Mean	(Mean-Mean0)/Std0
Excavation	20	563.000	640.000	28.1500	-1.130
Surface	43	1453.00	1376.00	33.7907	1.130

Wilcoxon Two-Sample Test, Normal Approximation

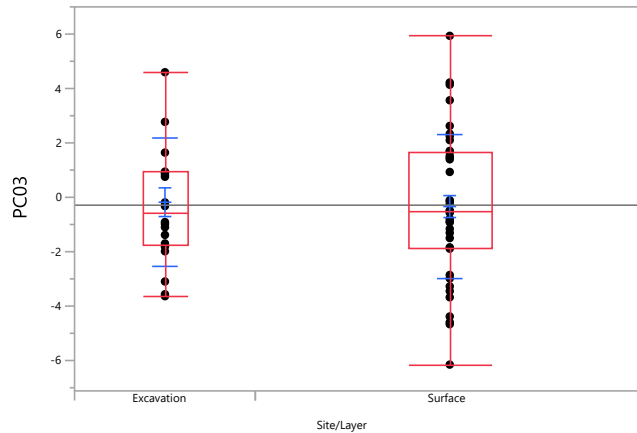
S	Z	Prob> Z
563	-1.12957	0.2587

Kruskal-Wallis Test, ChiSquare Approximation

ChiSquare	DF	Prob>ChiSq
1.2927	1	0.2556

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Oneway Analysis of PC03 By Site/Layer



Means and Std Deviations

Level	Number	Mean	Std Dev	Std Err Mean	Lower 95%	Upper 95%	Std Dev Lower 95%	Std Dev Upper 95%	
Excavation	20	-0.18084	2.3599525	0.5277014		0.9236517	1.7947212	3.4468796	
Surface	43		2.6473791	0.4037215		0.472964	2.1828718	3.3648468	
		-0.341779			-1.156522				

Wilcoxon / Kruskal-Wallis Tests (Rank Sums)

Level	Count	Score Sum	Expected Score	Score Mean	(Mean-Mean0)/Std0
Excavation	20	639.000	640.000	31.9500	-0.007
Surface	43	1377.00	1376.00	32.0233	0.007

Wilcoxon Two-Sample Test, Normal Approximation

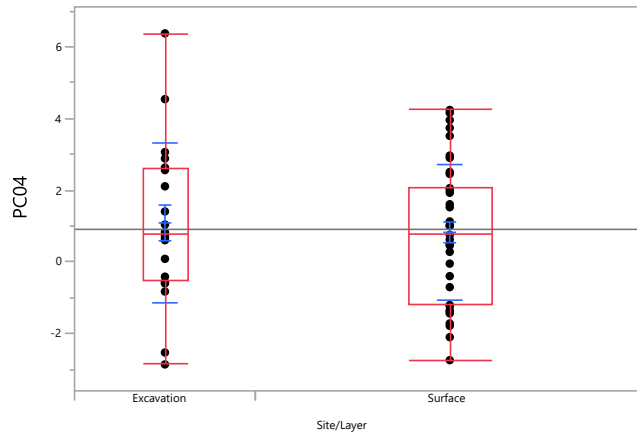
S	Z	Prob> Z
639	-0.00738	0.9941

Kruskal-Wallis Test, ChiSquare Approximation

ChiSquare	DF	Prob>ChiSq
0.0002	1	0.9882

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Oneway Analysis of PC04 By Site/Layer



Means and Std Deviations

Level	Number	Mean	Std Dev	Std Err Mean	Lower 95%	Upper 95%	Std Dev Lower 95%	Std Dev Upper 95%	
Excavation	20	1.090905	2.2294398	0.4985179	0.0474951	2.1343149	1.6954675	3.2562565	
Surface	43	0.8274953	1.8907196	0.288332	0.2456177	1.409373	1.5589753	2.4031245	

Wilcoxon / Kruskal-Wallis Tests (Rank Sums)

Level	Count	Score Sum	Expected Score	Score Mean	(Mean-Mean0)/Std0
Excavation	20	667.000	640.000	33.3500	0.391
Surface	43	1349.00	1376.00	31.3721	-0.391

Wilcoxon Two-Sample Test, Normal Approximation

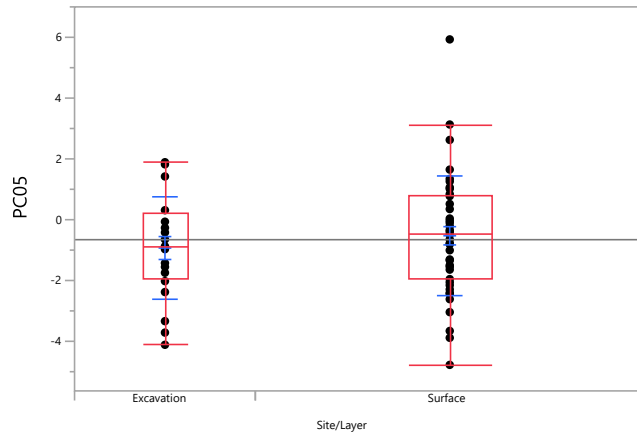
S	Z	Prob> Z
667	0.39129	0.6956

Kruskal-Wallis Test, ChiSquare Approximation

ChiSquare	DF	Prob>ChiSq
0.1589	1	0.6901

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Oneway Analysis of PC05 By Site/Layer



Means and Std Deviations

Level	Number	Mean	Std Dev	Std Err Mean	Lower 95%	Upper 95%	Std Dev Lower 95%	Std Dev Upper 95%	
Excavation	20	-0.91576	1.6814453	0.3759826	-1.702701	-0.128819	1.278723	2.4558713	
Surface	43	-0.513909	1.9640544	0.2995155	-1.118356	0.0905374	1.6194428	2.4963338	

Wilcoxon / Kruskal-Wallis Tests (Rank Sums)

Level	Count	Score Sum	Expected Score	Score Mean	(Mean-Mean0)/Std0
Excavation	20	594.000	640.000	29.7000	-0.672
Surface	43	1422.00	1376.00	33.0698	0.672

Wilcoxon Two-Sample Test, Normal Approximation

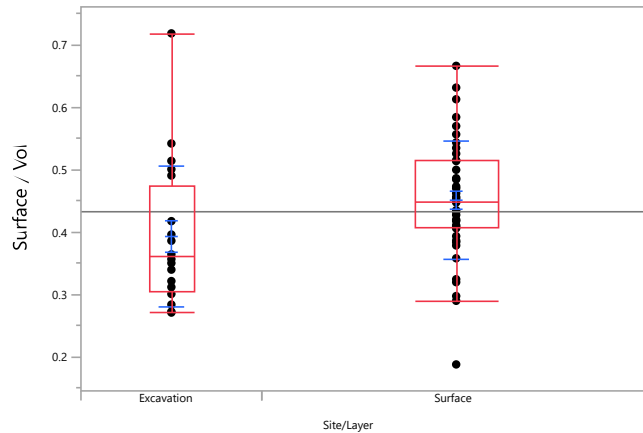
S	Z	Prob> Z
594	-0.67184	0.5017

Kruskal-Wallis Test, ChiSquare Approximation

ChiSquare	DF	Prob>ChiSq
0.4613	1	0.4970

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Oneway Analysis of Surface / Vol By Site/Layer



Means and Std Deviations

Level	Number	Mean	Std Dev	Std Err Mean	Lower 95%	Upper 95%	Std Dev Lower 95%	Std Dev Upper 95%	
Excavation	20	0.3928473	0.1129423	0.0252547	0.3399887	0.445706	0.0858915	0.1649603	
Surface	43	0.4510813	0.0948713	0.0144677	0.4218843	0.4802784	0.0782252	0.1205824	

Wilcoxon / Kruskal-Wallis Tests (Rank Sums)

Level	Count	Score Sum	Expected Score	Score Mean	(Mean-Mean0)/Std0
Excavation	20	469.000	640.000	23.4500	-2.518
Surface	43	1547.00	1376.00	35.9767	2.518

Wilcoxon Two-Sample Test, Normal Approximation

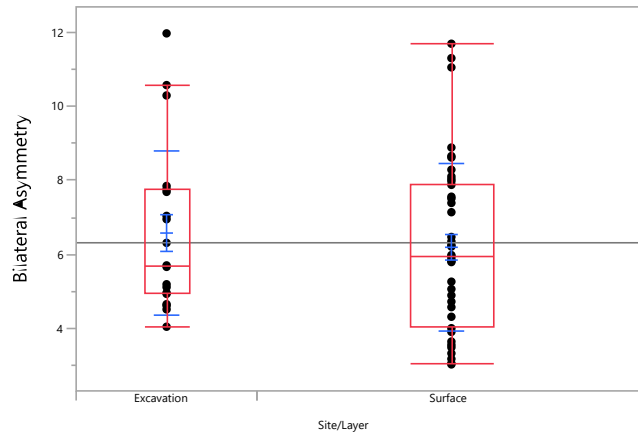
S	Z	Prob> Z
469	-2.51754	0.0118*

Kruskal-Wallis Test, ChiSquare Approximation

ChiSquare	DF	Prob>ChiSq
6.3752	1	0.0116*

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Oneway Analysis of Bilateral Asymmetry By Site/Layer



Means and Std Deviations

Level	Number	Mean	Std Dev	Std Err Mean	Lower 95%	Upper 95%	Std Dev Lower 95%	Std Dev Upper 95%	
Excavation	20	6.576	2.2223065	0.4969228	5.5359285	7.6160715	1.6900428	3.2458379	
Surface	43	6.1906977	2.2676025	0.3458061	5.4928326	6.8885627	1.8697305	2.8821466	

Wilcoxon / Kruskal-Wallis Tests (Rank Sums)

Level	Count	Score Sum	Expected Score	Score Mean	(Mean-Mean0)/Std0
Excavation	20	670.000	640.000	33.5000	0.436
Surface	43	1346.00	1376.00	31.3023	-0.436

Wilcoxon Two-Sample Test, Normal Approximation

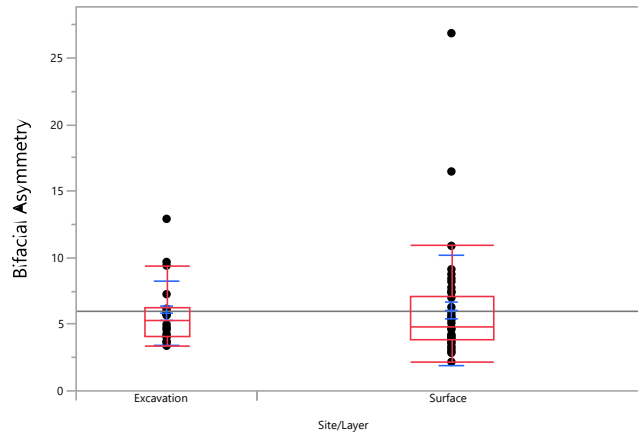
S	Z	Prob> Z
670	0.43560	0.6631

Kruskal-Wallis Test, ChiSquare Approximation

ChiSquare	DF	Prob>ChiSq
0.1962	1	0.6578

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Oneway Analysis of Bifacial Asymmetry By Site/Layer



Means and Std Deviations

Level	Number	Mean	Std Dev	Std Err Mean	Lower 95%	Upper 95%	Std Dev Lower 95%	Std Dev Upper 95%	
Excavation	20	5.835	2.4130795	0.539581	4.705644	6.964356	1.8351238	3.5244755	
Surface	43	6.0467442	4.146749	0.6323733	4.7705632	7.3229252	3.4191633	5.2705616	

Wilcoxon / Kruskal-Wallis Tests (Rank Sums)

Level	Count	Score Sum	Expected Score	Score Mean	(Mean-Mean0)/Std0
Excavation	20	680.000	640.000	34.0000	0.583
Surface	43	1336.00	1376.00	31.0698	-0.583

Wilcoxon Two-Sample Test, Normal Approximation

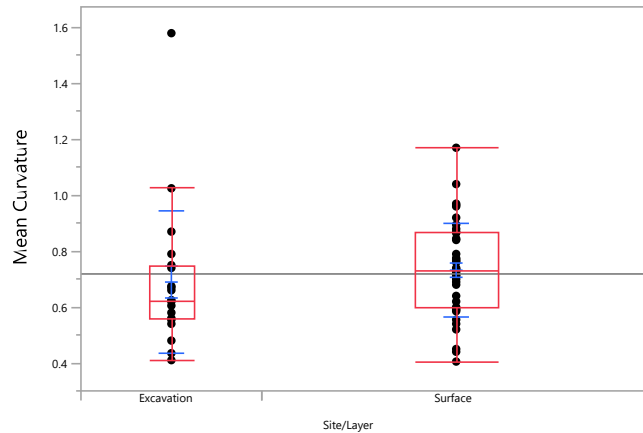
S	Z	Prob> Z
680	0.58326	0.5597

Kruskal-Wallis Test, ChiSquare Approximation

ChiSquare	DF	Prob>ChiSq
0.3489	1	0.5548

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Oneway Analysis of Mean Curvature By Site/Layer



Means and Std Deviations

Level	Number	Mean	Std Dev	Std Err Mean	Lower 95%	Upper 95%	Std Dev Lower 95%	Std Dev Upper 95%	
Excavation	20	0.6895	0.2547284	0.056959	0.5702834	0.8087166	0.1937185	0.3720491	
Surface	43	0.7319767	0.1675103	0.0255451	0.6804247	0.7835288	0.138119	0.2129073	

Wilcoxon / Kruskal-Wallis Tests (Rank Sums)

Level	Count	Score Sum	Expected Score	Score Mean	(Mean-Mean0)/Std0
Excavation	20	530.500	640.000	26.5250	-1.610
Surface	43	1485.50	1376.00	34.5465	1.610

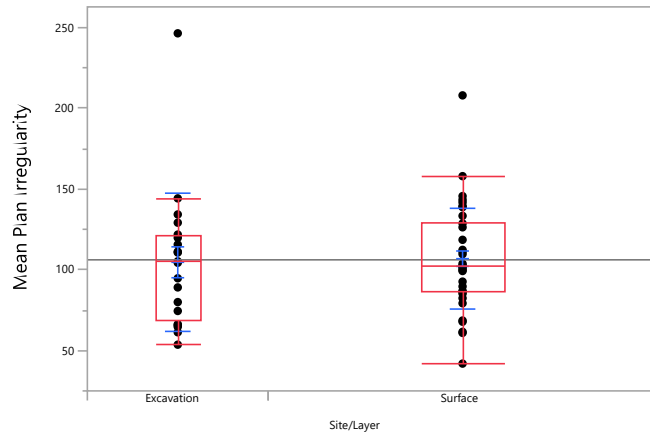
Wilcoxon Two-Sample Test, Normal Approximation

S	Z	Prob> Z
530.5	-1.60980	0.1074

Kruskal-Wallis Test, ChiSquare Approximation

ChiSquare	DF	Prob>ChiSq
2.6153	1	0.1058

Oneway Analysis of Mean Plan Irregularity By Site/Layer



Means and Std Deviations

Level	Number	Mean	Std Dev	Std Err Mean	Lower 95%	Upper 95%	Std Dev Lower 95%	Std Dev Upper 95%	
Excavation	20	104.67175	42.811185	9.5728721	84.635498	124.708	32.557495	62.528803	
Surface	43	106.90628	31.202965	4.7584075	97.303424	116.50913	25.728114	39.659296	

Wilcoxon / Kruskal-Wallis Tests (Rank Sums)

Level	Count	Score Sum	Expected Score	Score Mean	(Mean-Mean0)/Std0
Excavation	20	610.000	640.000	30.5000	-0.436
Surface	43	1406.00	1376.00	32.6977	0.436

Wilcoxon Two-Sample Test, Normal Approximation

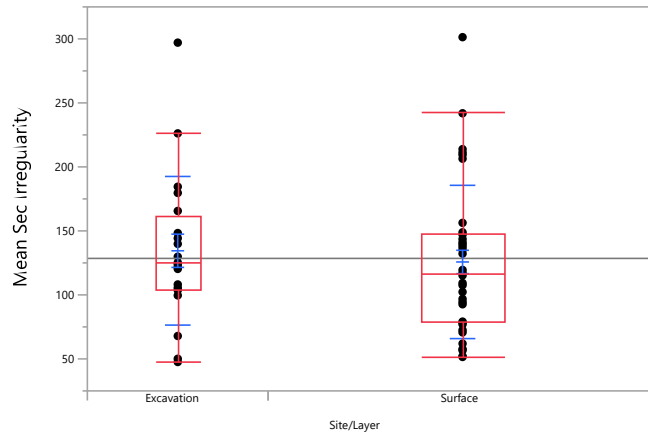
S	Z	Prob> Z
610	-0.43559	0.6631

Kruskal-Wallis Test, ChiSquare Approximation

ChiSquare	DF	Prob>ChiSq
0.1962	1	0.6578

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Oneway Analysis of Mean Sec Irregularity By Site/Layer



Means and Std Deviations

Level	Number	Mean	Std Dev	Std Err Mean	Lower 95%	Upper 95%	Std Dev Lower 95%	Std Dev Upper 95%	
Excavation	20	134.47004	58.060381	12.982696	107.29694	161.64313	44.154362	84.801346	
Surface	43	125.73217	59.866957	9.1296254	107.30784	144.1565	49.362743	76.091533	

Wilcoxon / Kruskal-Wallis Tests (Rank Sums)

Level	Count	Score Sum	Expected Score	Score Mean	(Mean-Mean0)/Std0
Excavation	20	691.000	640.000	34.5500	0.746
Surface	43	1325.00	1376.00	30.8140	-0.746

Wilcoxon Two-Sample Test, Normal Approximation

S	Z	Prob> Z
691	0.74566	0.4559

Kruskal-Wallis Test, ChiSquare Approximation

ChiSquare	DF	Prob>ChiSq
0.5671	1	0.4514