

## Loden Sports Performance Lab Internal Validation Analysis

The Loden Sports Performance Lab Application was developed to be an easy-to-use and reliable method of measuring a number of different jump performance metrics using only a compatible iOS device. This document was put together to share internal analysis in regards to the reliability of the Loden Sports Performance Lab App. For this analysis, Loden Sports used a combination of methods including the Intraclass Correlation Coefficient (ICC) to test reliability against existing, trusted tools as well as the Pearson Correlation Coefficient (PCC) to explore test-retest reliability.

## I. ICC Analysis

The intraclass correlation coefficient (ICC) is a descriptive statistic that describes the extent to which outcomes within each cluster are likely to be similar. It is generally understood that ICC values less than 0.5 are indicative of poor reliability, values between 0.5 and 0.75 indicate moderate reliability, values between 0.75 and 0.9 indicate good reliability, and values greater than 0.90 indicate excellent reliability.

Metric	Data Points (n)	ICC	Pearson "r"	Variance	Std. Dev.	Std. Error	Measure Against	Units
Two-Legged Jump Height (individual jump)	50	0.989	0.993	0.37	0.61	0.09	Yardstick	inches
Single Leg Jump Height (individual jump)	53	0.963	0.962	0.62	0.79	0.11	Yardstick	inches
Jump Height (average on multiple jump test)	103	0.990	0.991	0.55	0.74	0.07	Yardstick	inches
Reaction Time to Visual Stimuli	33	0.990	0.992	0.00	0.02	0.00	Video Frames	seconds
Ground Contact Time (individual jump)	126	0.981	0.981	0.00	0.06	0.01	MicroGate OptoJump	seconds
Ground Contact Time (average on multiple jump test)	33	0.985	0.985	0.00	0.05	0.01	MicroGate OptoJump	seconds
Jump Used Area	48	0.903	0.909	2.51	1.59	0.23	MicroGate OptoJump	inches (radius)
Ground Force (Concentric Mean)	14	0.811	0.959	891.52	29.86	7.98	VALD Forcedecks	pounds

For this analysis, all but one metric that was tested for reliability against an existing, trusted tool returned an ICC above .9 – indicating excellent reliability. The Concentric Mean Ground Force metric returned a .811 ICC – indicating good reliability. Loden Sports expects that the ICC for the Concentric Mean Ground Force metric will improve when a larger data sample is considered.

## II. Test-Retest Analysis

Loden Sports used the Pearson Correlation Coefficient (PCC) to explore the test-retest reliability of the Loden Sports Performance Lab Application. In statistics, the PCC (r) is the most common way of measuring a linear correlation. It is a number between -1 and 1 that measures the strength of the relationship between two variables. It is generally agreed that PCC values equal to  $\pm 1$  are categorized as perfect correlations; PCC values between  $\pm$ 0.50 and  $\pm 1$  are a strong correlation; PCC values between  $\pm 0.30$  and  $\pm 0.49$  are a moderate correlation; PCC values below  $\pm .29$  are a weak correlation; and when the PCC value is at or near zero, then there is no correlation.

The analysis explored the test-retest reliability of the app for the following metrics (see next page): jump height, flight time, contraction time, peak velocity, peak acceleration, average acceleration, peak net ground force, concentric mean ground force, ground contact time, and jump used area. The data set for this analysis consists of 88 high school-aged, male athletes who completed at least two jump tests between November 15, 2022 and March 28, 2023. Some completed as many as five jump tests on unique dates during the time period pushing the total sample to over 230 instances for each metric analyzed.

As expected, the one metric with the lowest PCC was jump used area. This metric is far-and-away the most variable considering the wide-variance in dynamic stability of the average high school-aged athlete. All nine of the other analyzed metrics registered a PCC between .5 and 1. Overall, Loden Sports was thrilled with the strength of the test-retest analysis considering performance factors such as fatigue, time-of-day, physiological maturation, improvement and regression during the time period were not controlled for.



Pearson CC: Jump Height	0.63	Jump Height	#2
vanip neight		Jump Height	
Mean	18.84	Mean	18.62
Standard Error	0.206	Standard Error	0.203
Median	18.6	Median	18.5
Mode	18.6	Mode	13.5
Standard Deviation	3.155	Standard Deviation	3.105 9.641
Sample Variance Kurtosis	9.957 0.017	Sample Variance Kurtosis	-0.03
Skewness	0.427	Skewness	0.084
Range	17.653	Range	15.655
Minimum	11.633	Minimum	11.151
Maximum	29.286	Maximum	26.806
Sum	4426.909	Sum	4374.621
Count	235	Count	235
Pearson CC:	0.63		
Contraction Tir	me #1	Contraction Ti	me #2
Maan	0.20	Maan	0.27
Mean	0.28	Mean Chandrand France	0.27
Standard Error Median	0.013	Standard Error Median	0.011
Mode	0.2	Median	0.2
Standard Deviation			
Sample Variance	0.205	Standard Deviation Sample Variance	0.169 0.029
Kurtosis	5.678	Kurtosis	3.69
Skewness	1.923	Skewness	1.034
Range	1.419	Range	1.524
Minimum	0.011	Minimum	-0.33
Maximum	1.43	Maximum	1.194
Sum	66.331	Sum	63.094
Count	235	Count	235
Pearson CC:	0.59		
Peak Accelerat	ion #1	Peak Accelerat	ion #2
Mean	90.49	Mean	89.33
Standard Error	2.287	Standard Error	2.098
Median	85.7	Median	84.7
Mode	-	Mode	98.9
Standard Deviation	34.988	Standard Deviation	32.087
Sample Variance	1224.164	Sample Variance	1029.559
Kurtosis	0.448	Kurtosis	0.921
Skewness	0.45	Skewness	0.2
Range	195.228	Range	186.259
Minimum	2.802	Minimum	1.502
Maximum	198.03	Maximum	187.761
		Sum	20904.103
Sum	21174.665		
Sum Count	21174.665 234	Count	234
Count	234	Count	234
Count Pearson CC:	234 0.62		
Count	234 0.62	Count Peak Net Ground	
Count Pearson CC: Peak Net Ground	234 0.62 Force #1	Peak Net Ground	Force #2
Count Pearson CC: Peak Net Ground Mean	234 0.62 Force #1 408.92	Peak Net Ground Mean	Force #2 405.99
Count Pearson CC: Peak Net Ground Mean Standard Error	234 0.62 Force #1 408.92 12.168	Peak Net Ground Mean Standard Error	Force #2 405.99 13.44
Count Pearson CC: Peak Net Ground Mean Standard Error Median	234 0.62 Force #1 408.92	Peak Net Ground Mean Standard Error Median	Force #2 405.99
Count Pearson CC: Peak Net Ground Mean Standard Error	234 0.62 Force #1 408.92 12.168	Peak Net Ground Mean Standard Error	Force #2 405.99 13.44
Count Pearson CC: Peak Net Ground Mean Standard Error Median Mode Standard Deviation	234 0.62 Force #1 408.92 12.168 387.8 -	Peak Net Ground Mean Standard Error Median Mode Standard Deviation	Force #2 405.99 13.44 380.3 -
Count Pearson CC: Peak Net Ground Mean Standard Error Median Mode	234 0.62 Force #1 408.92 12.168 387.8 - 186.132	Peak Net Ground Mean Standard Error Median Mode	Force #2 405.99 13.44 380.3 - 205.597
Count Pearson CC: Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance	234 0.62 Force #1 408.92 12.168 387.8 - 186.132 34645.097	Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance	Force #2 405.99 13.44 380.3 - 205.597 42270.183
Count Pearson CC: Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis	234 0.62 Force #1 408.92 12.168 387.8 - 186.132 34645.097 -0.108	Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis	Force #2 405.99 13.44 380.3 - 205.597 42270.183 13.798
Count Pearson CC: Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness	234 0.62 Force #1 408.92 12.168 387.8 - 186.132 34645.097 -0.108 0.497	Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness	Force #2 405.99 13.44 380.3 - 205.597 42270.183 13.798 2.219
Count Pearson CC: Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range	234 0.62 Force #1 408.92 12.168 387.8 - 186.132 34645.097 -0.108 0.497 1028.073	Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range	Force #2 405.99 13.44 380.3 - 205.597 42270.183 13.798 2.219 1969.091
Count Pearson CC: Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum	234 0.62 Force #1 408.92 12.168 387.8 - 186.132 34645.097 -0.108 0.497 1028.073 6.091	Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum	Force #2 405.99 13.44 380.3 - 205.597 42270.183 13.798 2.219 1969.091 9.702
Count Pearson CC: Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum	234 0.62 Force #1 408.92 12.168 387.8 - - 186.132 34645.097 -0.108 0.497 1028.073 6.091 1034.164	Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum	Force #2 405.99 13.44 380.3 - 205.597 42270.183 13.798 2.219 1969.091 9.702 1978.793
Count Pearson CC: Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum Sum Count	234 0.62 Force #1 408.92 12.168 387.8 - 186.132 34645.097 -0.108 0.497 1028.073 6.091 1034.164 95686.253 234	Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum Sum	Force #2 405.99 13.44 380.3 - 205.597 42270.183 13.798 2.219 1969.091 9.702 1978.793 95000.417
Count Pearson CC: Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum Sum Count Pearson CC:	234 0.62 Force #1 408.92 12.168 387.8 - 186.132 34645.097 -0.108 0.497 1028.073 6.091 1034.164 95686.253 234 0.53	Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum Sum Count	Force #2 405.99 13.44 380.3 - 205.597 42270.183 13.798 2.219 1969.091 9.702 1978.793 95000.417 234
Count Pearson CC: Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum Sum Count	234 0.62 Force #1 408.92 12.168 387.8 - 186.132 34645.097 -0.108 0.497 1028.073 6.091 1034.164 95686.253 234 0.53	Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum Sum	Force #2 405.99 13.44 380.3 - 205.597 42270.183 13.798 2.219 1969.091 9.702 1978.793 95000.417 234
Count Pearson CC: Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum Sum Count Pearson CC: Ground Contact	234 0.62 Force #1 408.92 12.168 387.8 - 186.132 34645.097 -0.108 0.497 1028.073 6.091 1034.164 95686.253 234 0.53 Time #1	Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum Sum Count Ground Contact	Force #2 405.99 13.44 380.3 - 205.597 42270.183 13.798 2.219 1969.091 9.702 1978.793 95000.417 234 Time #2
Count Pearson CC: Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum Sum Count Pearson CC: Ground Contact	234 0.62 Force #1 408.92 12.168 387.8 - 186.132 34645.097 -0.108 0.497 1028.073 6.091 1034.164 95686.253 234 0.53 Time #1 0.49	Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum Sum Count Ground Contact Mean	Force #2 405.99 13.44 380.3 - 205.597 42270.183 13.798 2.219 1969.091 9.702 1978.793 95000.417 234 Time #2 0.52
Count Pearson CC: Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum Sum Count Pearson CC: Ground Contact Mean Standard Error	234 0.62 Force #1 408.92 12.168 387.8 - 186.132 34645.097 -0.108 0.497 1028.073 1034.164 95686.253 234 0.53 Time #1 0.49 0.012	Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum Sum Count Ground Contact Mean Standard Error	Force #2 405.99 13.44 380.3 - 205.597 42270.183 13.798 2.219 1969.091 9.702 1978.793 95000.417 234 Time #2 0.52 0.012
Count Pearson CC: Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum Sum Count Pearson CC: Ground Contact Mean Standard Error Median	234 0.62 Force #1 408.92 12.168 387.8 - 186.132 34645.097 -0.108 0.497 1028.073 6.091 1034.164 95686.253 234 0.53 Time #1 0.49 0.012 0.5	Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum Sum Count Ground Contact Mean Standard Error Median	Force #2 405.99 13.44 380.3 - 205.597 42270.183 13.798 2.219 1969.091 9.702 1978.793 95000.417 234 Time #2 0.52 0.012 0.5
Count Pearson CC: Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum Sum Count Pearson CC: Ground Contact Mean Standard Error Median Mode	234 0.62 Force #1 408.92 12.168 387.8 - 186.132 34645.097 -0.108 0.497 1028.073 6.091 1034.164 95686.253 234 0.53 Time #1 0.49 0.012 0.5 0.5	Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum Sum Count Ground Contact Mean Standard Error Median Mode	Force #2 405.99 13.44 380.3 - 205.597 42270.183 13.798 2.219 1969.091 9.702 1978.793 95000.417 234 Time #2 0.52 0.012 0.5 0.3
Count Pearson CC: Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum Maximum Sum Count Pearson CC: Ground Contact Mean Standard Error Median Mode Standard Error Median	234 0.62 Force #1 408.92 12.168 387.8 - 186.132 34645.097 -0.108 0.497 1028.073 6.091 1034.164 95686.253 234 0.53 Time #1 0.49 0.012 0.5 0.5 0.55	Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum Maximum Sum Count Ground Contact Mean Standard Error Median Mode Standard Deviation	Force #2 405.99 13.44 380.3 - 205.597 42270.183 13.798 2.219 1969.091 9.702 1978.793 9500.417 234 Time #2 0.52 0.012 0.5 0.3 0.151
Count Pearson CC: Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum Sum Count Pearson CC: Ground Contact Mean Standard Error Median Mode Standard Deviation Sample Variance	234 0.62 Force #1 408.92 12.168 387.8 - 186.132 34645.097 -0.108 0.497 1028.073 1034.164 95686.253 234 0.53 Time #1 0.49 0.012 0.5 0.5 0.53 0.53 0.024	Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum Sum Count Ground Contact Mean Standard Error Median Mode Standard Deviation Sample Variance	Force #2 405.99 13.44 380.3 - 205.597 42270.183 13.798 2.219 1969.091 9.702 1978.793 95000.417 234 Time #2 0.52 0.012 0.5 0.3 0.151 0.023
Count Pearson CC: Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum Sum Count Pearson CC: Ground Contact Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis	234 0.62 Force #1 408.92 12.168 387.8 - 186.132 34645.097 -0.108 0.497 1028.073 6.091 1034.164 95686.253 234 0.53 Time #1 0.49 0.012 0.5 0.153 0.024 -0.461	Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum Sum Count Ground Contact Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis	Force #2 405.99 13.44 380.3 - 205.597 42270.183 13.798 2.219 1969.091 9.702 1978.793 95000.417 234 Time #2 0.52 0.012 0.5 0.3 0.151 0.023 -0.13
Count Pearson CC: Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum Sum Count Pearson CC: Ground Contact Mean Standard Error Median Mode Standard Error Median Standard Deviation Sample Variance Kurtosis Skewness	234 0.62 Force #1 408.92 12.168 387.8 - 186.132 34645.097 -0.108 0.497 1028.073 6.091 1034.164 95686.253 234 0.53 Time #1 0.49 0.012 0.5 0.153 0.024 -0.461 0.087	Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum Sum Count Ground Contact Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness	Force #2 405.99 13.44 380.3 - 205.597 42270.183 13.798 2.219 1969.091 9.702 1978.793 95000.417 234 Time #2 0.52 0.012 0.5 0.3 0.151 0.023 -0.13 0.226
Count Pearson CC: Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum Sum Count Pearson CC: Ground Contact Mean Standard Error Median Mode Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Range	234 0.62 Force #1 408.92 12.168 387.8 - 186.132 34645.097 -0.108 0.497 1028.073 6.091 1034.164 95686.253 234 0.53 Time #1 0.49 0.012 0.5 0.5 0.153 0.024 -0.461 0.087 0.826	Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum Maximum Sum Count Ground Contact Ground Contact Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range	Force #2 405.99 13.44 380.3 - 205.597 42270.183 13.798 2.219 1969.091 9.702 1978.793 95000.417 234 Time #2 0.52 0.012 0.5 0.3 0.151 0.023 -0.13 0.226 0.861
Count Pearson CC: Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum Sum Count Pearson CC: Ground Contact Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum	234 0.62 Force #1 408.92 12.168 387.8 - - 186.132 34645.097 -0.108 0.497 1028.073 1034.164 95686.253 234 0.53 Time #1 0.49 0.012 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.024 -0.461 0.087 0.826 0.155	Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum Sum Count Ground Contact Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum	Force #2 405.99 13.44 380.3 - 205.597 42270.183 13.798 2.219 1969.091 9.702 1978.793 9500.417 234 Time #2 0.52 0.012 0.5 0.3 0.151 0.023 -0.13 0.226 0.861 0.156
Count Pearson CC: Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum Sum Count Pearson CC: Ground Contact Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Kurtosis Skewness Range Kurtosis Skewness Range	234 0.62 Force #1 408.92 12.168 387.8 - 186.132 34645.097 -0.108 0.497 1028.073 6.091 1034.164 95686.253 234 0.53 Time #1 0.49 0.012 0.5 0.5 0.153 0.024 -0.461 0.087 0.826	Peak Net Ground Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range Minimum Maximum Maximum Sum Count Ground Contact Ground Contact Mean Standard Error Median Mode Standard Deviation Sample Variance Kurtosis Skewness Range	Force #2 405.99 13.44 380.3 - 205.597 42270.183 13.798 2.219 1969.091 9.702 1978.793 95000.417 234 Time #2 0.52 0.012 0.5 0.3 0.151 0.023 -0.13 0.226 0.861

Pearson CC:	0.62		
Flight Time #1		Flight Time #2	
Mean	0.62	Mean	0.62
Standard Error	0.003	Standard Error	0.003
Median	0.6	Median	0.6
Mode	0.6	Mode	0.6
Standard Deviation	0.052	Standard Deviation	0.052
Sample Variance	0.003	Sample Variance	0.003
Kurtosis	-0.171	Kurtosis	-0.042
Skewness	0.206	Skewness	-0.16
Range	0.288	Range	0.264
Minimum	0.491	Minimum	0.481
Maximum	0.779	Maximum	0.745
Sum	146.33	Sum	145.44
Count	235	Count	235

Pearson CC:	0.62			
Peak Velocity #1		Peak Velocity #2		
Mean	10.02	Mean	9.96	
Standard Error	0.055	Standard Error	0.055	
Median	10.0	Median	10.0	
Mode	9.9	Mode	9.7	
Standard Deviation	0.836	Standard Deviation	0.84	
Sample Variance	0.699	Sample Variance	0.706	
Kurtosis	-0.167	Kurtosis	-0.036	
Skewness	0.206	Skewness	-0.161	
Range	4.633	Range	4.256	
Minimum	7.898	Minimum	7.732	
Maximum	12.531	Maximum	11.988	
Sum	2353.591	Sum	2339.47	
Count	235	Count	235	

Pearson CC:	0.78			
Avg. Acceleration #1		Avg. Acceleration #2		
Mean	47.31	Mean	45.98	
Standard Error	2.068	Standard Error	1.868	
Median	44.1	Median	44.6	
Mode	-	Mode	-	
Standard Deviation	31.701	Standard Deviation	28.635	
Sample Variance	1004.966	Sample Variance	819.988	
Kurtosis	0.128	Kurtosis	-0.134	
Skewness	0.803	Skewness	0.618	
Range	136.955	Range	127.307	
Minimum	1.682	Minimum	0.984	
Maximum	138.637	Maximum	128.291	
Sum	11116.664	Sum	10804.481	
Count	235	Count	235	

Pearson CC:	0.66		
Concentric Mean Ground Force #1		Concentric Mean Ground Force #2	
Mean	280.27	Mean	277.94
Standard Error	10.016	Standard Error	8.659
Median	237.5	Median	251.6
Mode	-	Mode	-
Standard Deviation	153.537	Standard Deviation	132.747
Sample Variance	23573.5	Sample Variance	17621.888
Kurtosis	0.985	Kurtosis	1.232
Skewness	1.074	Skewness	1.038
Range	780.768	Range	697.652
Minimum	10.564	Minimum	6.283
Maximum	791.332	Maximum	703.935
Sum	65864.334	Sum	65315.265
Count	235	Count	235

Pearson CC:	0.19		
Jump Area #1		Jump Area #2	
Mean	35.85	Mean	29.12
Standard Error	3.733	Standard Error	3.967
Median	28.1	Median	16.3
Mode	-	Mode	-
Standard Deviation	32.757	Standard Deviation	34.813
Sample Variance	1073.034	Sample Variance	1211.93
Kurtosis	4.277	Kurtosis	6.921
Skewness	1.85	Skewness	2.348
Range	175.781	Range	196.686
Minimum	0.313	Minimum	0.308
Maximum	176.094	Maximum	196.994
Sum	2760.779	Sum	2241.86
Count	77	Count	77