

AUC1XIS

UNDER THE BLOOD CONCENTRATION-TIME CURVE (AUC) FOR MICROSMINE

ip V

nd #	AUC	AUC x 11.85
31	185.58	2199.123
32	55.54	659.999
33	101.63	1204.3155
34	35.95	436.791
35	38.47	455.695
36	182.64	1927.284

Group VII

Animal #	AUC	AUC x 16.16
701	66.99	1107.5784
702	54.06	881.5480
703	63.04	1144.8064
704	70.68	1267.1878
705	71.29	1254.6264
706	99.87	1613.0392

Test: Two-Sample Assuming Unequal Variances

Mean	1148.897	1271.56
Variance	585731.5097	84337.87
Observations	6	6
Pearson Correlation	0.31980115	
Pooled Variance	6.41052659	
t	0.33036113	
P(T<=t) one-tail	0.33036113	
t Critical one-tail	1.943180905	
P(T<=t) two-tail	0.72072226	
t Critical two-tail	2.446913641	

Group V

Mean	1148.897	1271.56
Standard Error	312.450644	84337.87
Median	937.15725	
Mode	#N/A	
Standard Deviation	765.3309805	
Variance	585731.5097	
Kurtosis	-1.91617116	
Skewness	0.553027212	
Range	1762.332	
Minimum	436.791	
Maximum	2199.123	
Sum	6893.382	
Count	6	
Largest (1)	2199.123	
Smallest (1)	436.791	
Confidence Level (95%)	612.3601666	

Descriptive Statistics

Group 7

Mean	1271.5332
Standard Error	118.5893139
Median	1215.9336
Mode	#N/A
Standard Deviation	290.4096234
Variance	84337.86552
Kurtosis	3.040354345
Skewness	1.573506973
Range	832.0912
Minimum	981.548
Maximum	1813.6392
Sum	7629.3792
Count	6
Largest (1)	1813.6392
Smallest (1)	981.548
Confidence Level (95%)	232.3716413

ip VI

nd #	AUC	AUC x 12.17
72	68.43	833.4531
73	66.35	807.4795
74	49.25	599.7728
75	15.64	190.5322
76	48.63	591.8271

Group VIII

Animal #	AUC	AUC x 16.12
801	22.27	358.1864
802	11.44	185.0576
804	9.70	156.364
805	16.61	268.1412

Test: Two-Sample Assuming Unequal Variances

Mean	648.22288	241.4373
Variance	75375.35526	8218.924
Observations	5	4
Pearson Correlation	#N/A	
Pooled Variance	5.03871207	
t	3.106599661	
P(T<=t) one-tail	0.013804582	
t Critical one-tail	2.015049176	
P(T<=t) two-tail	0.026609184	
t Critical two-tail	2.57587535	

Group 8

Mean	648.22288	241.4373
Standard Error	122.7805817	45.37914071
Median	807.4795	225.5994
Mode	#N/A	#N/A
Standard Deviation	274.6457271	90.65828142
Variance	75375.35526	8218.92399
Kurtosis	2.254462283	-1.23051086
Skewness	-1.42101962	0.722636045
Range	652.1903	201.8224
Minimum	190.5822	155.364
Maximum	842.7725	358.1864
Sum	3241.1144	965.7492
Count	5	4
Largest (1)	842.7725	358.1864
Smallest (1)	190.5822	155.364
Confidence Level (95%)	240.6451619	88.94335169

Descriptive Statistics

Group 8

Mean	241.4373
Standard Error	45.37914071
Median	225.5994
Mode	#N/A
Standard Deviation	90.65828142
Variance	8218.92399
Kurtosis	-1.23051086
Skewness	0.722636045
Range	201.8224
Minimum	155.364
Maximum	358.1864
Sum	965.7492
Count	4
Largest (1)	358.1864
Smallest (1)	155.364
Confidence Level (95%)	88.94335169

Anova: Single-Factor

Summary

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	367721.1201	1	367721.1201	7.692022728	0.026173185	5.99148574
Within Groups	326156.197	7	46593.74215			
Total	693877.3171	8				

Single

big

not his

less 0.05

five values changed after doing Stats, however this change will not effect the significance of the results. HC 12/19/93

Anova: Single-Factor

Summary

Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	45143.98987	1	45143.98987	0.13475272	0.721272045	4.94545052
Within Groups	3358044.876	10	335804.4876			
Total	3395487.866	11				