

EOECplotByLabV.lst

EOEC VAMAC Average Percent Volume Change

15:00 Thursday, June 28, 2012 65

All Valid Reference Data

Plotted by Lab (One Data Point off-scale, Lab E)

The GLM Procedure

Class Level Information

Class	Levels	Values
LTMSLAB	4	A B G I

Number of Observations Read 416

Number of Observations Used 416

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The GLM Procedure

Dependent Variable: VOLC

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	318.221192	106.073731	31.29	<.0001
Error	412	1396.896808	3.390526		
Corrected Total	415	1715.118000			

R-Square	Coeff Var	Root MSE	VOLC Mean
0.185539	8.970104	1.841338	20.52750

Source	DF	Type I SS	Mean Square	F Value	Pr > F
LTMSLAB	3	318.2211923	106.0737308	31.29	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
LTMSLAB	3	318.2211923	106.0737308	31.29	<.0001

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The GLM Procedure

Dependent Variable: HARD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	3.4539527	1.1513176	1.02	0.3847
Error	412	466.1013358	1.1313139		
Corrected Total	415	469.5552885			

R-Square	Coeff Var	Root MSE	HARD Mean
0.007356	-11.60428	1.063632	-9.165865

Source	DF	Type I SS	Mean Square	F Value	Pr > F
LTMSLAB	3	3.45395268	1.15131756	1.02	0.3847

Source	DF	Type III SS	Mean Square	F Value	Pr > F
LTMSLAB	3	3.45395268	1.15131756	1.02	0.3847

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The GLM Procedure

Dependent Variable: TENS

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	499.06095	166.35365	5.24	0.0015
Error	412	13074.85280	31.73508		
Corrected Total	415	13573.91375			

R-Square	Coeff Var	Root MSE	TENS Mean
0.036766	-40.61930	5.633390	-13.86875

Source	DF	Type I SS	Mean Square	F Value	Pr > F
LTMSLAB	3	499.0609491	166.3536497	5.24	0.0015

Source	DF	Type III SS	Mean Square	F Value	Pr > F
LTMSLAB	3	499.0609491	166.3536497	5.24	0.0015

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The GLM Procedure

Dependent Variable: ELON

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	2315.21778	771.73926	13.36	<.0001
Error	412	23801.97569	57.77179		
Corrected Total	415	26117.19346			

R-Square	Coeff Var	Root MSE	ELON Mean
0.088647	-30.26922	7.600775	-25.11058

Source	DF	Type I SS	Mean Square	F Value	Pr > F
LTMSLAB	3	2315.217776	771.739259	13.36	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
LTMSLAB	3	2315.217776	771.739259	13.36	<.0001

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The GLM Procedure

Least Squares Means

LTMSLAB	VOLC LSMEAN	LSMEAN Number
A	19.6340523	1
B	20.4281379	2
G	21.7762617	3
I	22.1172727	4

Least Squares Means for effect LTMSLAB

Pr > |t| for H0: LSMean(i)=LSMean(j)

Dependent Variable: VOLC

i/j	1	2	3	4
1		0.0002	<.0001	<.0001
2	0.0002		<.0001	0.0035
3	<.0001	<.0001		0.5589
4	<.0001	0.0035	0.5589	

LTMSLAB	HARD LSMEAN	LSMEAN Number
A	-9.17647059	1
B	-9.21379310	2
G	-9.04672897	3
I	-9.54545455	4

Least Squares Means for effect LTMSLAB

Pr > |t| for H0: LSMean(i)=LSMean(j)

Dependent Variable: HARD

i/j	1	2	3	4
1		0.7622	0.3337	0.2671
2	0.7622		0.2185	0.3193
3	0.3337	0.2185		0.1394
4	0.2671	0.3193	0.1394	

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The GLM Procedure

Least Squares Means

LTMSLAB	TENS LSMEAN	LSMEAN Number
A	-14.6928105	1
B	-12.4055172	2
G	-14.7364486	3
I	-13.2545455	4

Least Squares Means for effect LTMSLAB

Pr > |t| for H0: LSMean(i)=LSMean(j)

Dependent Variable: TENS

i/j	1	2	3	4
1		0.0005	0.9510	0.4139
2	0.0005		0.0013	0.6301
3	0.9510	0.0013		0.4066
4	0.4139	0.6301	0.4066	

LTMSLAB	ELON LSMEAN	LSMEAN Number
A	-24.5470588	1
B	-27.3565517	2
G	-22.1252336	3
I	-32.3818182	4

Least Squares Means for effect LTMSLAB

Pr > |t| for H0: LSMean(i)=LSMean(j)

Dependent Variable: ELON

i/j	1	2	3	4
1		0.0015	0.0118	0.0010
2	0.0015		<.0001	0.0351
3	0.0118	<.0001		<.0001
4	0.0010	0.0351	<.0001	

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The GLM Procedure

Least Squares Means

NOTE: To ensure overall protection level, only probabilities associated with pre-planned comparisons should be used.