

EOEC Silicone Average Percent Volume Change

13:24 Friday, June 29, 2012 87

All Valid Reference Data

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

The GLM Procedure

Class Level Information

Class	Levels	Values
LTMSLAB	4	A B G I

Number of Observations Read 559

Number of Observations Used 559

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The GLM Procedure

Dependent Variable: VOLC

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	641.609479	213.869826	68.35	<.0001
Error	555	1736.561658	3.128940		
Corrected Total	558	2378.171137			

R-Square	Coeff Var	Root MSE	VOLC Mean
0.269791	6.436012	1.768881	27.48411

Source	DF	Type I SS	Mean Square	F Value	Pr > F
LTMSLAB	3	641.6094789	213.8698263	68.35	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
LTMSLAB	3	641.6094789	213.8698263	68.35	<.0001

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The GLM Procedure

Dependent Variable: HARD

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	1523.866336	507.955445	344.97	<.0001
Error	555	817.210588	1.472452		
Corrected Total	558	2341.076923			

R-Square	Coeff Var	Root MSE	HARD Mean
0.650925	-6.628067	1.213446	-18.30769

Source	DF	Type I SS	Mean Square	F Value	Pr > F
LTMSLAB	3	1523.866336	507.955445	344.97	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
LTMSLAB	3	1523.866336	507.955445	344.97	<.0001

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The GLM Procedure

Dependent Variable: TENS

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	641.21946	213.73982	11.33	<.0001
Error	555	10473.02690	18.87032		
Corrected Total	558	11114.24636			

R-Square	Coeff Var	Root MSE	TENS Mean
0.057693	-26.88493	4.343998	-16.15775

Source	DF	Type I SS	Mean Square	F Value	Pr > F
LTMSLAB	3	641.2194593	213.7398198	11.33	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
LTMSLAB	3	641.2194593	213.7398198	11.33	<.0001

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The GLM Procedure

Dependent Variable: ELON

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	2167.76543	722.58848	16.54	<.0001
Error	555	24240.35335	43.67631		
Corrected Total	558	26408.11878			

R-Square	Coeff Var	Root MSE	ELON Mean
0.082087	-30.63032	6.608806	-21.57603

Source	DF	Type I SS	Mean Square	F Value	Pr > F
LTMSLAB	3	2167.765433	722.588478	16.54	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
LTMSLAB	3	2167.765433	722.588478	16.54	<.0001

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The GLM Procedure

Least Squares Means

LTMSLAB	VOLC LSMEAN	LSMEAN Number
A	26.3946640	1
B	28.9098065	2
G	27.8882069	3
I	26.8266667	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		<.0001	<.0001	0.5546
2	<.0001		<.0001	0.0048
3	<.0001	<.0001		0.1503
4	0.5546	0.0048	0.1503	

LTMSLAB	HARD LSMEAN	LSMEAN Number
A	-19.4545455	1
B	-18.9806452	2
G	-15.5379310	3
I	-19.5000000	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		0.0001	<.0001	0.9278
2	0.0001		<.0001	0.3041
3	<.0001	<.0001		<.0001
4	0.9278	0.3041	<.0001	

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The GLM Procedure

Least Squares Means

LTMSLAB	TENS LSMEAN	LSMEAN Number
A	-15.0857708	1
B	-17.1825806	2
G	-16.7329655	3
I	-20.9833333	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		<.0001	0.0003	0.0011
2	<.0001		0.3707	0.0359
3	0.0003	0.3707		0.0192
4	0.0011	0.0359	0.0192	

LTMSLAB	ELON LSMEAN	LSMEAN Number
A	-21.9988142	1
B	-18.6516129	2
G	-23.8965517	3
I	-23.2166667	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		<.0001	0.0060	0.6557
2	<.0001		<.0001	0.0974
3	0.0060	<.0001		0.8050
4	0.6557	0.0974	0.8050	

EOECplotByLabS.lst

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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.