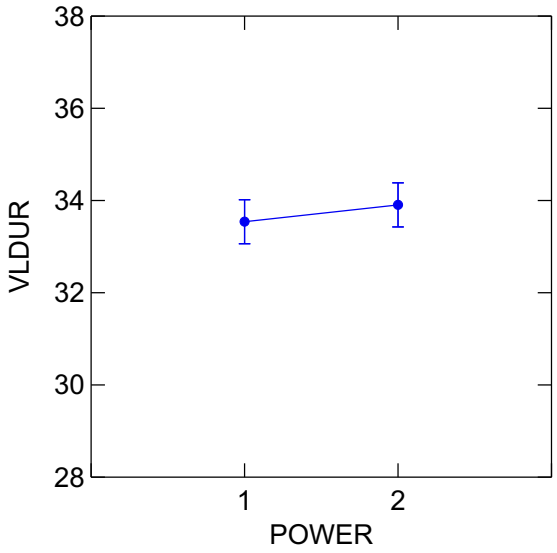
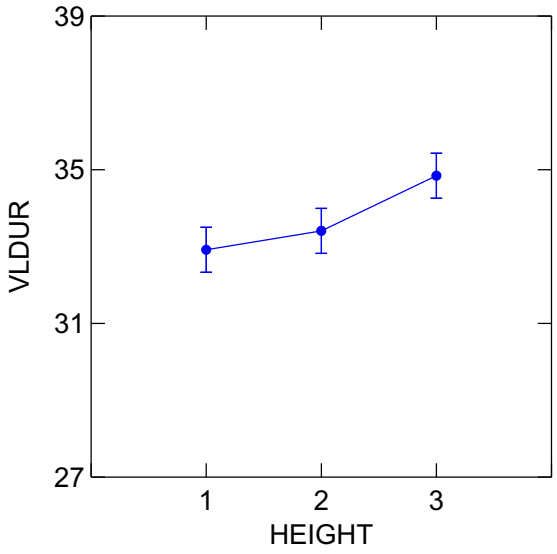
IMPORT successfully completed.

```
Effects coding used for categorical variables in model.

Categorical values encountered during processing are:
POWER (2 levels)
          1,        2
HEIGHT (3 levels)
          1,        2,        3
TRUNK (3 levels)
          1,        2,        3

Dep Var: VLDUR   N: 90   Multiple R: 0.451616119   Squared multiple R: 0.203957119


                            Analysis of Variance

Source              Sum-of-Squares   df  Mean-Square     F-ratio       P

POWER                 2.996476136     1  2.996476136 0.291430832 0.590970877
HEIGHT                6.02066E+01     2  3.01033E+01 2.927780585 0.059916006
TRUNK                 1.58460E+01     2  7.922993648 0.770573341 0.466525696
HEIGHT*POWER          3.95328E+01     2  1.97664E+01 1.922436170 0.153682984
TRUNK*POWER           1.92378E+01     2  9.618916398 0.935515145 0.397100329
TRUNK*HEIGHT          2.67544E+01     4  6.688596155 0.650518493 0.628363006
TRUNK*HEIGHT*POWER    2.51010E+01     4  6.275260939 0.610318398 0.656523926

Error                 7.40300E+02    72  1.02819E+01

-------------------------------------------------------------------------------
```

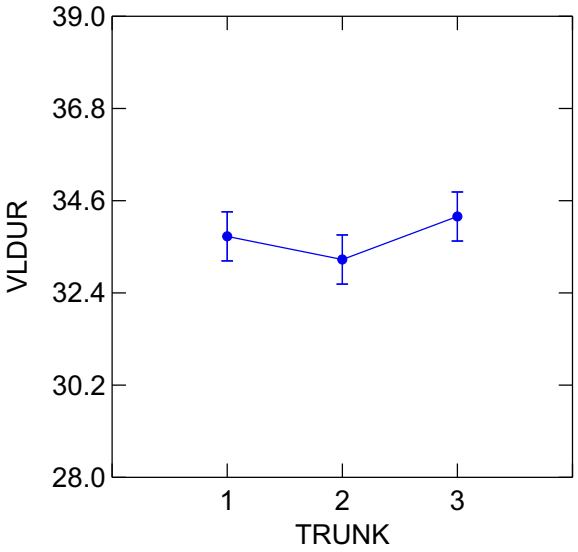
Least Squares Means



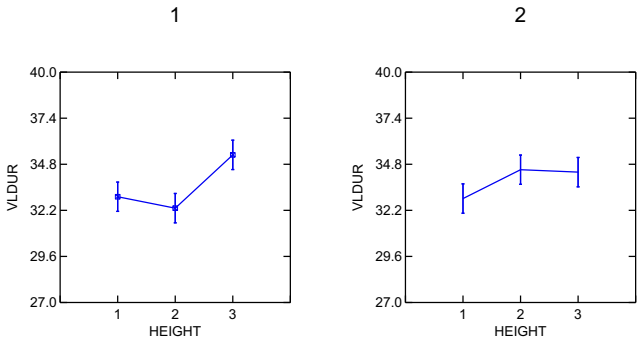
Least Squares Means



Least Squares Means

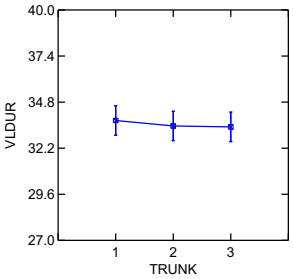


Least Squares Means

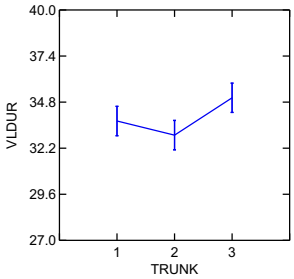


Least Squares Means

1

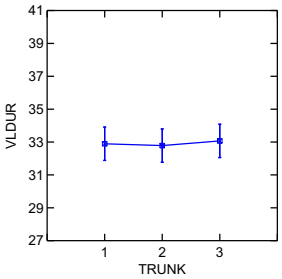


2

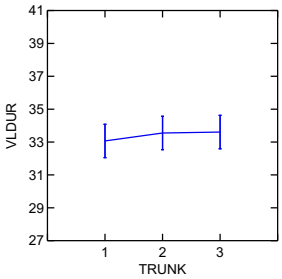


Least Squares Means

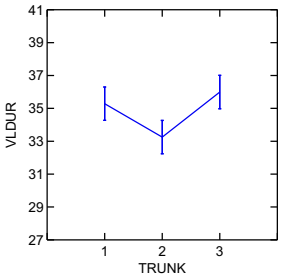
1



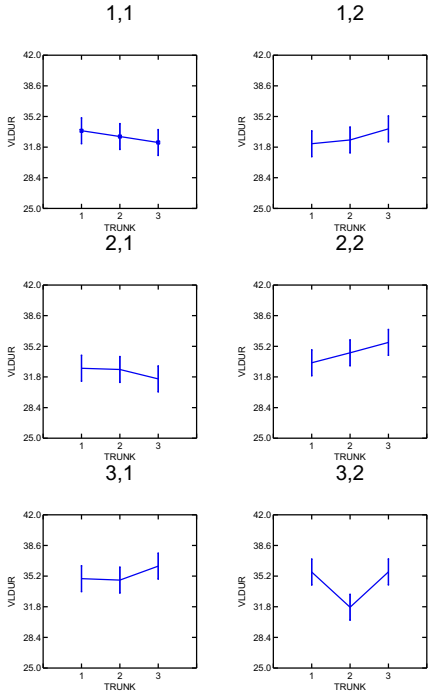
2



3



Least Squares Means



Durbin-Watson D Statistic 2.399
First Order Autocorrelation -0.208

Effects coding used for categorical variables in model.

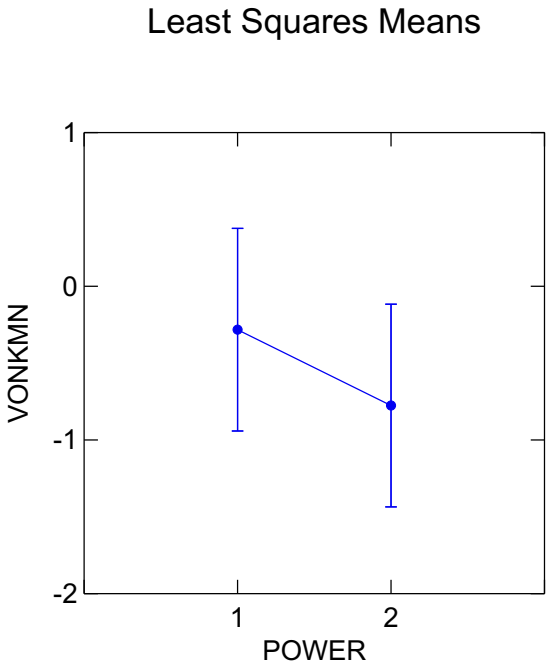
Categorical values encountered during processing are:
POWER (2 levels)
1, 2
HEIGHT (3 levels)
1, 2, 3
TRUNK (3 levels)
1, 2, 3

Dep Var: VONKMN N: 90 Multiple R: 0.996600845 Squared multiple R: 0.993213244

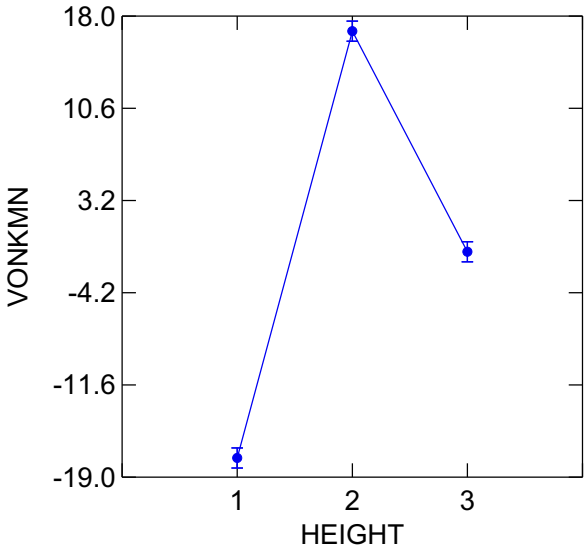
Analysis of Variance

Source	Sum-of-Squares	df	Mean-Square	F-ratio	P
POWER	5.480441544	1	5.480441544	0.280224234	0.598182703
HEIGHT	1.76050E+04	2	8.80248E+03	4.50085E+02	0.000000000
TRUNK	1.73301E+04	2	8.66507E+03	4.43060E+02	0.000000000
HEIGHT*POWER	1.59671E+04	2	7.98353E+03	4.08211E+02	0.000000000
TRUNK*POWER	5.05310E+04	2	2.52655E+04	1.29187E+03	0.000000000

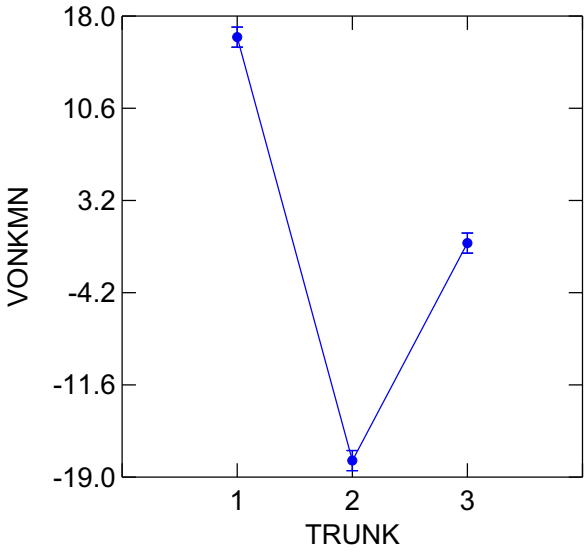
TRUNK*HEIGHT	1.74497E+04	4	4.36242E+03	2.23058E+02	0.000000000
TRUNK*HEIGHT*POWER	8.71854E+04	4	2.17963E+04	1.11448E+03	0.000000000
Error	1.40813E+03	72	1.95573E+01		



Least Squares Means

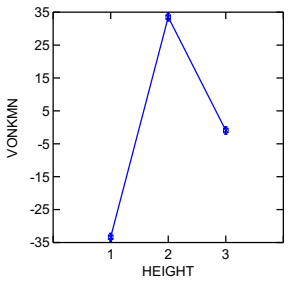


Least Squares Means

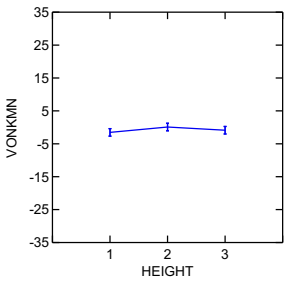


Least Squares Means

1

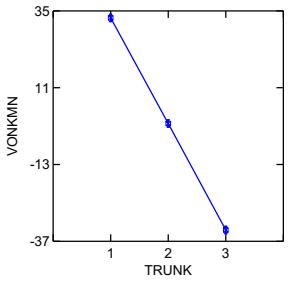


2

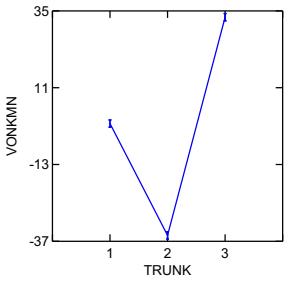


Least Squares Means

1

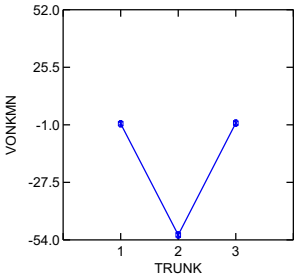


2

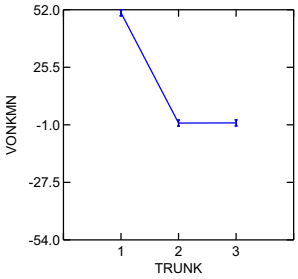


Least Squares Means

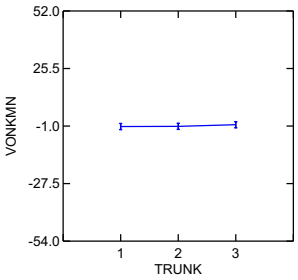
1



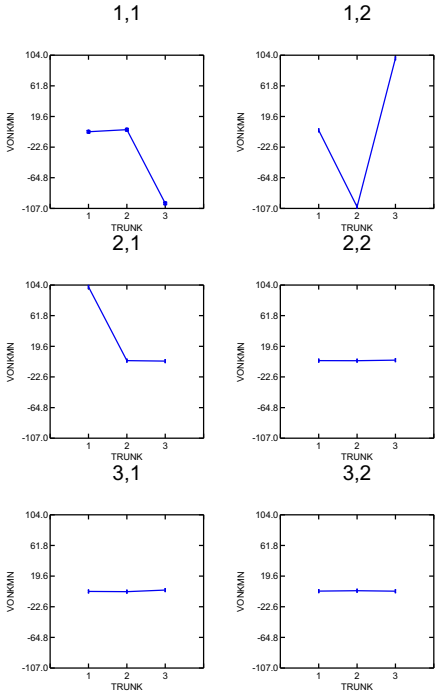
2



3



Least Squares Means



*** WARNING ***
Case 66 is an outlier (Studentized Residual = -1.38984E+01)

Durbin-Watson D Statistic 2.139
First Order Autocorrelation -0.071

Effects coding used for categorical variables in model.

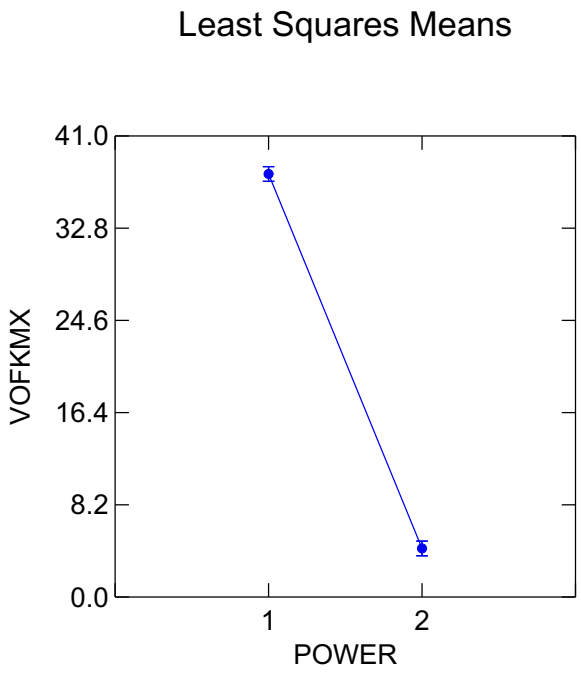
Categorical values encountered during processing are:
POWER (2 levels)
1, 2
HEIGHT (3 levels)
1, 2, 3
TRUNK (3 levels)
1, 2, 3

Dep Var: VOFKMX N: 90 Multiple R: 0.998338851 Squared multiple R: 0.996680462

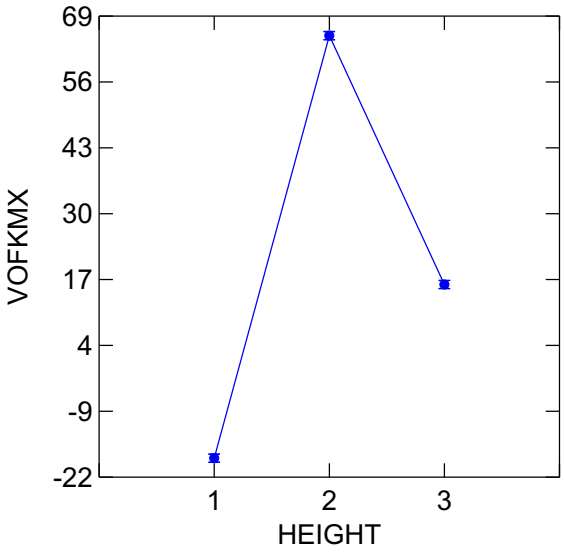
Analysis of Variance

Source	Sum-of-Squares	df	Mean-Square	F-ratio	P
POWER	2.49542E+04	1	2.49542E+04	1.29534E+03	0.000000000
HEIGHT	1.05451E+05	2	5.27255E+04	2.73691E+03	0.000000000
TRUNK	2.30923E+04	2	1.15461E+04	5.99345E+02	0.000000000

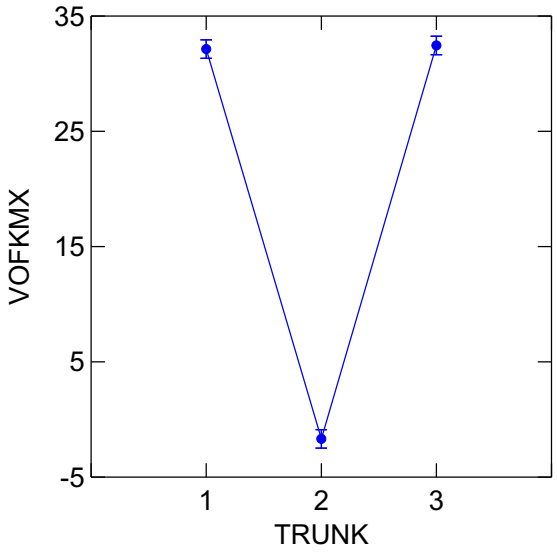
HEIGHT*POWER	1.68950E+04	2	8.44752E+03	4.38500E+02	0.000000000
TRUNK*POWER	6.59654E+04	2	3.29827E+04	1.71209E+03	0.000000000
TRUNK*HEIGHT	5.89959E+04	4	1.47490E+04	7.65600E+02	0.000000000
TRUNK*HEIGHT*POWER	1.21104E+05	4	3.02760E+04	1.57159E+03	0.000000000
Error	1.38705E+03	72	1.92646E+01		



Least Squares Means

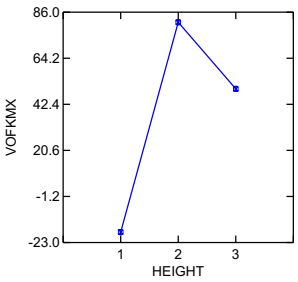


Least Squares Means

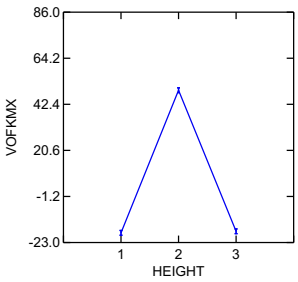


Least Squares Means

1

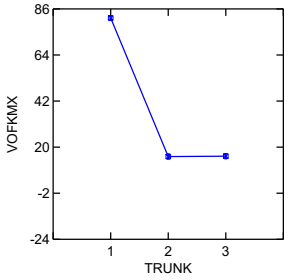


2

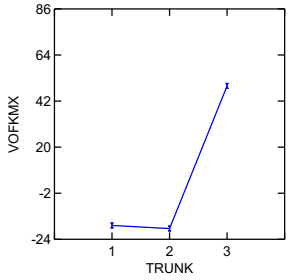


Least Squares Means

1

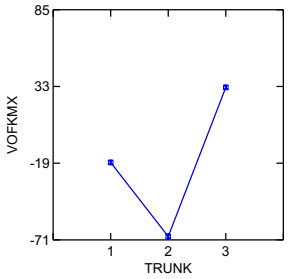


2

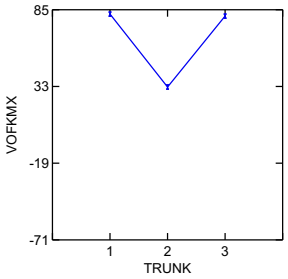


Least Squares Means

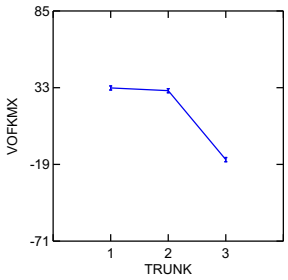
1



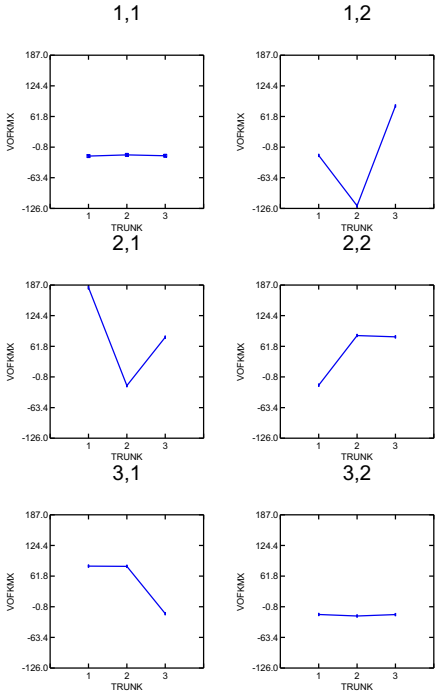
2



3

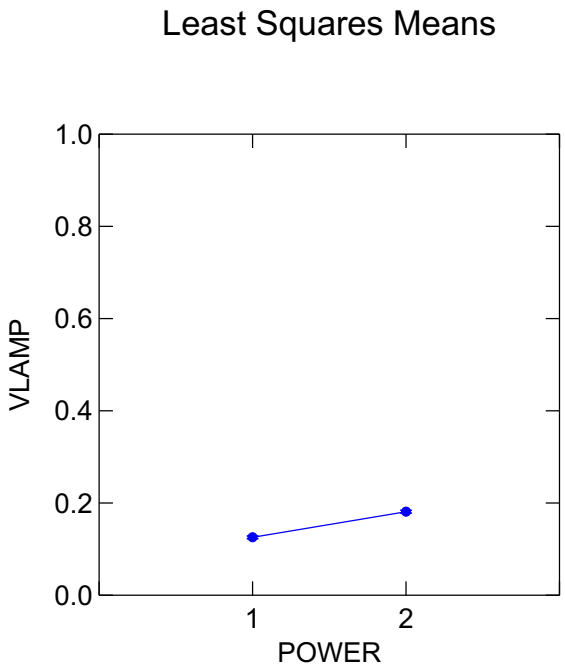


Least Squares Means

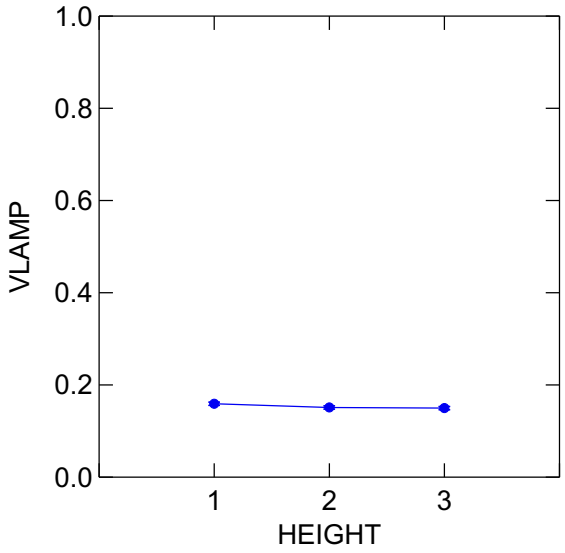



```
*** WARNING ***
Case           26 is an outlier        (Studentized Residual = -3.901043530)
Case           66 is an outlier        (Studentized Residual = -6.164472426)

Durbin-Watson D Statistic     2.101
First Order Autocorrelation  -0.053



Effects coding used for categorical variables in model.

Categorical values encountered during processing are:
POWER (2 levels)
          1,        2
HEIGHT (3 levels)
          1,        2,        3
TRUNK (3 levels)
          1,        2,        3

Dep Var: VLAMP   N: 90   Multiple R: 0.862705418   Squared multiple R: 0.744260638


                          Analysis of Variance

Source             Sum-of-Squares   df  Mean-Square     F-ratio       P

POWER                0.069327474     1  0.069327474 1.78555E+02 0.000000000
HEIGHT               0.001542841     2  0.000771420 1.986811205 0.144579876
```

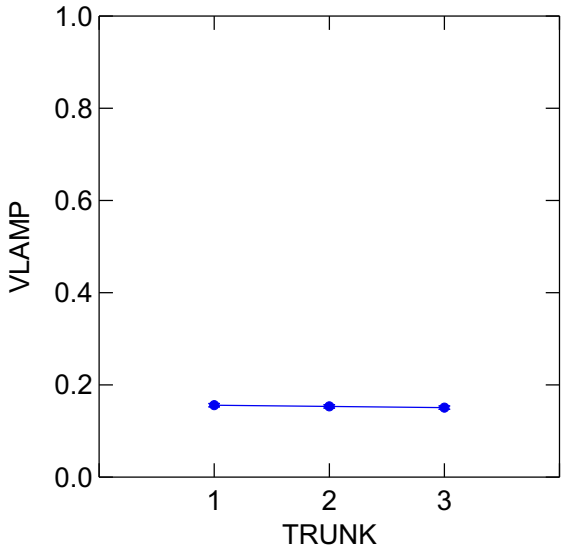
TRUNK	0.000419743	2	0.000209872	0.540529267	0.584784725
HEIGHT*POWER	0.003752551	2	0.001876276	4.832391464	0.010732889
TRUNK*POWER	0.000101570	2	0.000050785	0.130797504	0.877603426
TRUNK*HEIGHT	0.004804304	4	0.001201076	3.093398858	0.020818917
TRUNK*HEIGHT*POWER	0.001408438	4	0.000352110	0.906866509	0.464675121
Error	0.027955485	72	0.000388271		



Least Squares Means

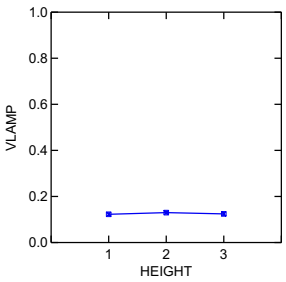


Least Squares Means

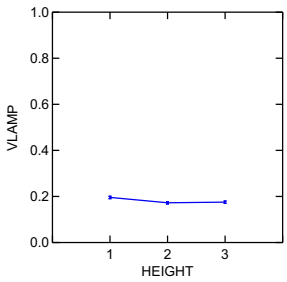


Least Squares Means

1

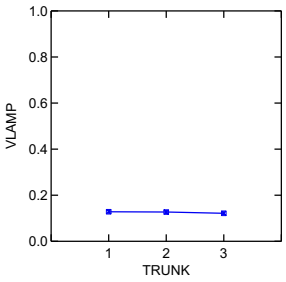


2

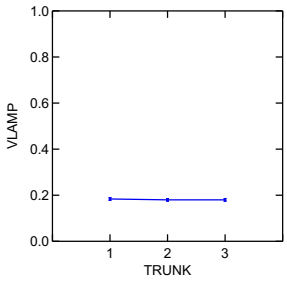


Least Squares Means

1

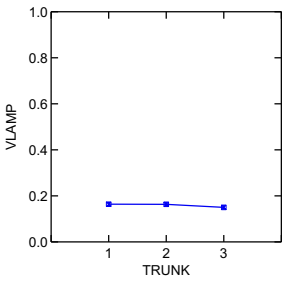


2

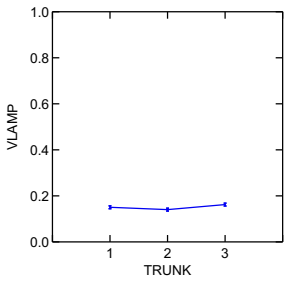


Least Squares Means

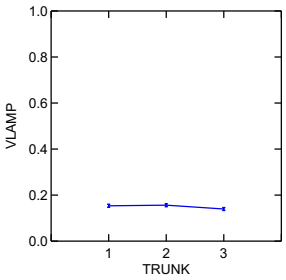
1



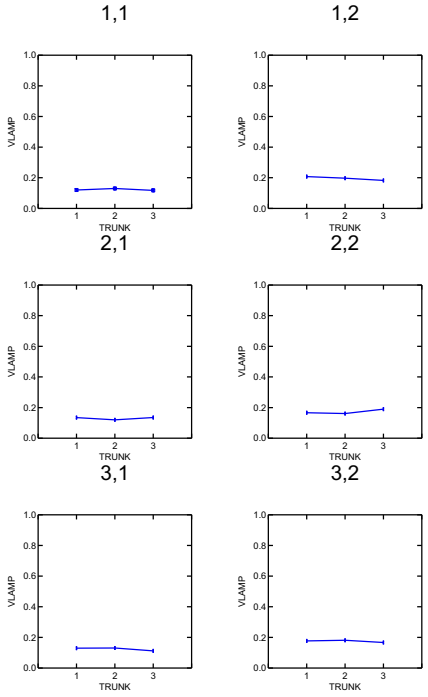
2



3

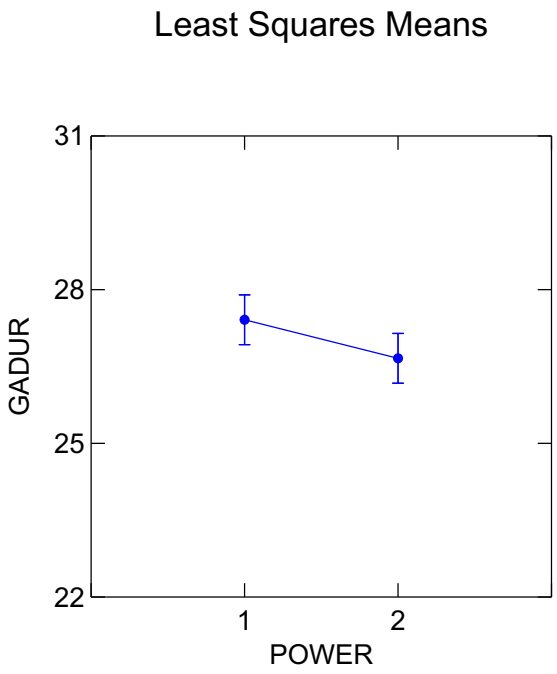


Least Squares Means

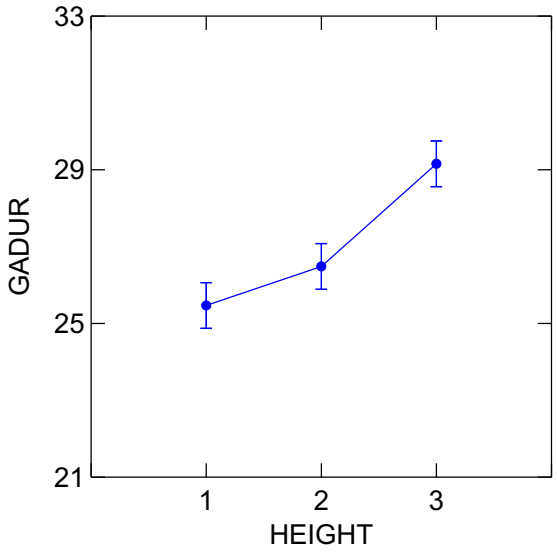



```
*** WARNING ***
Case           77 is an outlier        (Studentized Residual =  3.561481076)

Durbin-Watson D Statistic     2.674
First Order Autocorrelation  -0.345



Effects coding used for categorical variables in model.

Categorical values encountered during processing are:
POWER (2 levels)
          1,        2
HEIGHT (3 levels)
          1,        2,        3
TRUNK (3 levels)
          1,        2,        3

Dep Var: GADUR   N: 90   Multiple R: 0.623439489   Squared multiple R: 0.388676797


                          Analysis of Variance

Source             Sum-of-Squares   df  Mean-Square     F-ratio       P

POWER                1.27776E+01     1  1.27776E+01 1.203055901 0.276366580
HEIGHT               2.17689E+02     2  1.08844E+02 1.02481E+01 0.000121202
TRUNK                1.38752E+01     2  6.937580482 0.653198589 0.523434508
```

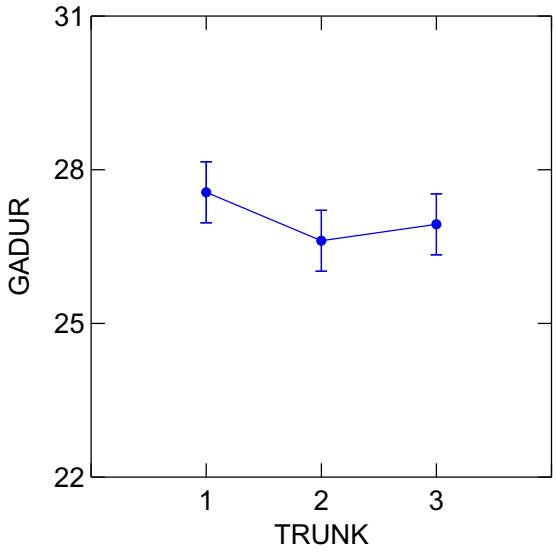
HEIGHT*POWER	3.08700E+01	2	1.54350E+01	1.453260258	0.240582151
TRUNK*POWER	2.37452E+01	2	1.18726E+01	1.117849155	0.332589963
TRUNK*HEIGHT	1.44848E+02	4	3.62121E+01	3.409498323	0.013067394
TRUNK*HEIGHT*POWER	4.23929E+01	4	1.05982E+01	0.997861633	0.414450841
Error	7.64707E+02	72	1.06209E+01		



Least Squares Means

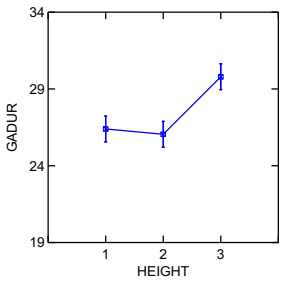


Least Squares Means

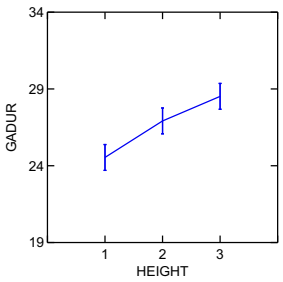


Least Squares Means

1

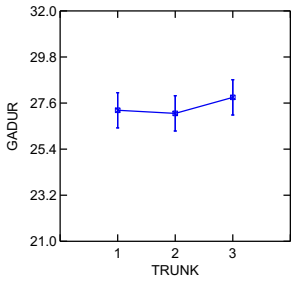


2

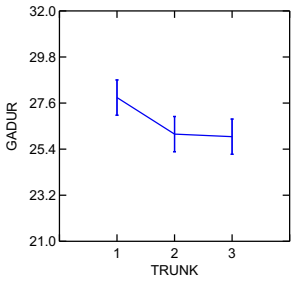


Least Squares Means

1

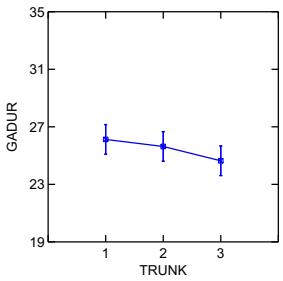


2

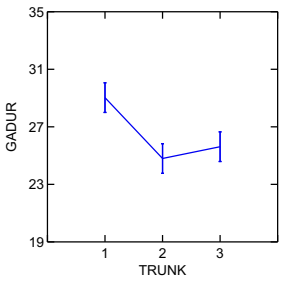


Least Squares Means

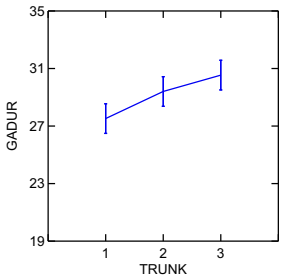
1



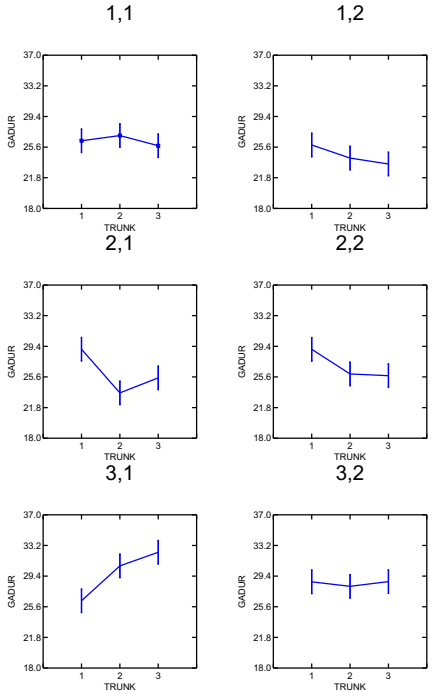
2



3



Least Squares Means



Durbin-Watson D Statistic 2.530
First Order Autocorrelation -0.267

Effects coding used for categorical variables in model.

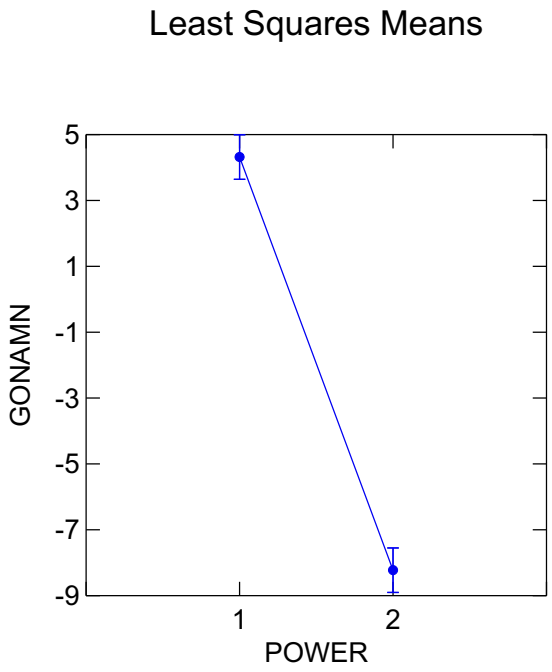
Categorical values encountered during processing are:
POWER (2 levels)
1, 2
HEIGHT (3 levels)
1, 2, 3
TRUNK (3 levels)
1, 2, 3

Dep Var: GONAMN N: 90 Multiple R: 0.995265665 Squared multiple R: 0.990553743

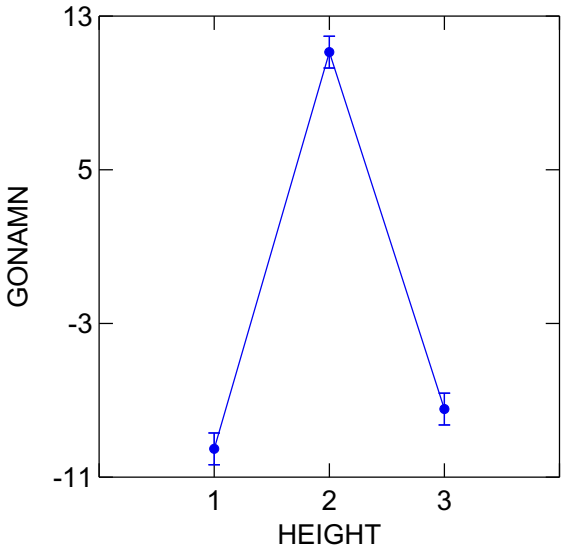
Analysis of Variance

Source	Sum-of-Squares	df	Mean-Square	F-ratio	P
POWER	3.54158E+03	1	3.54158E+03	1.71970E+02	0.000000000
HEIGHT	7.76027E+03	2	3.88013E+03	1.88409E+02	0.000000000
TRUNK	2.28128E+04	2	1.14064E+04	5.53863E+02	0.000000000
HEIGHT*POWER	6.26886E+03	2	3.13443E+03	1.52199E+02	0.000000000
TRUNK*POWER	2.37393E+04	2	1.18696E+04	5.76358E+02	0.000000000

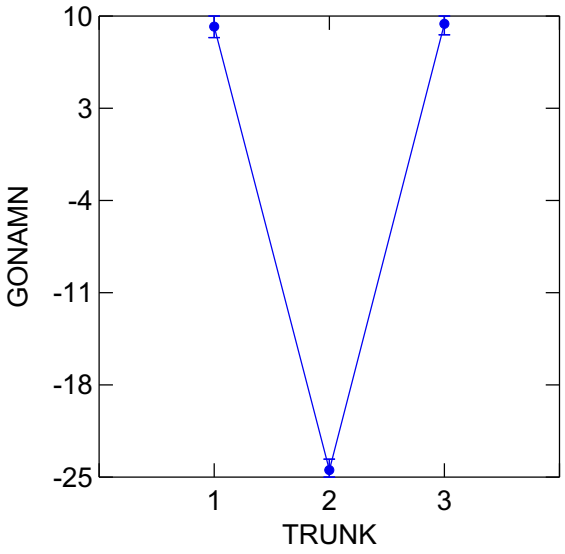
TRUNK*HEIGHT	4.49381E+04	4	1.12345E+04	5.45519E+02	0.000000000
TRUNK*HEIGHT*POWER	4.64269E+04	4	1.16067E+04	5.63591E+02	0.000000000
Error	1.48278E+03	72	2.05942E+01		



Least Squares Means

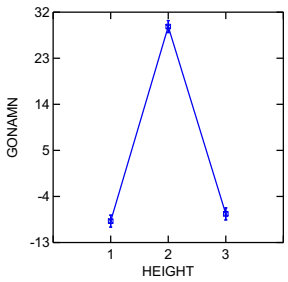


Least Squares Means

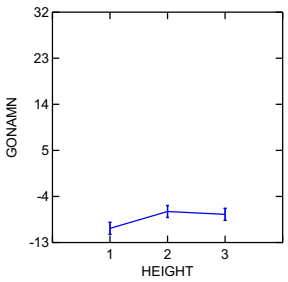


Least Squares Means

1

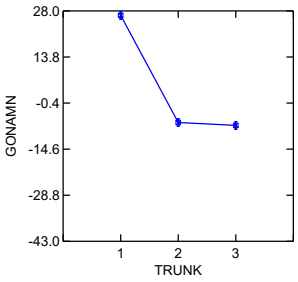


2

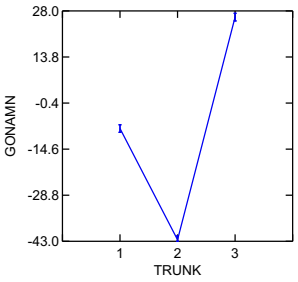


Least Squares Means

1

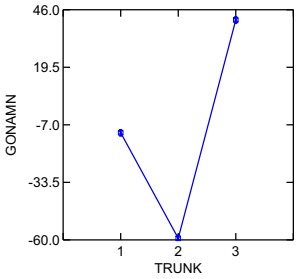


2

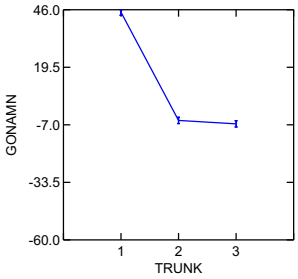


Least Squares Means

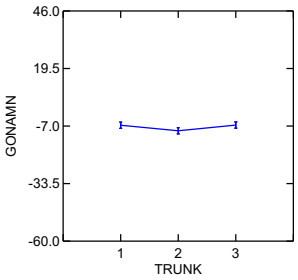
1



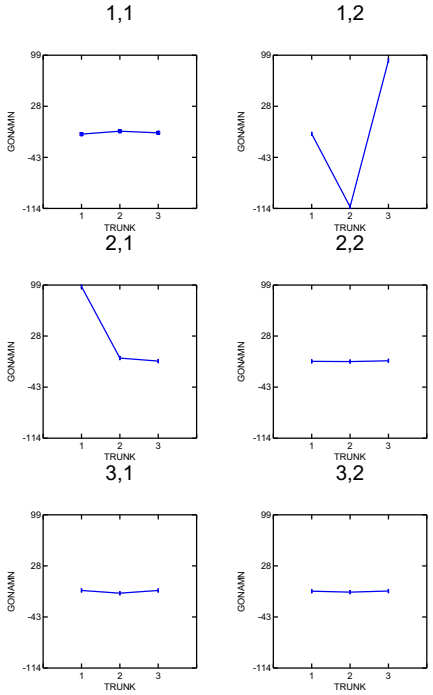
2



3

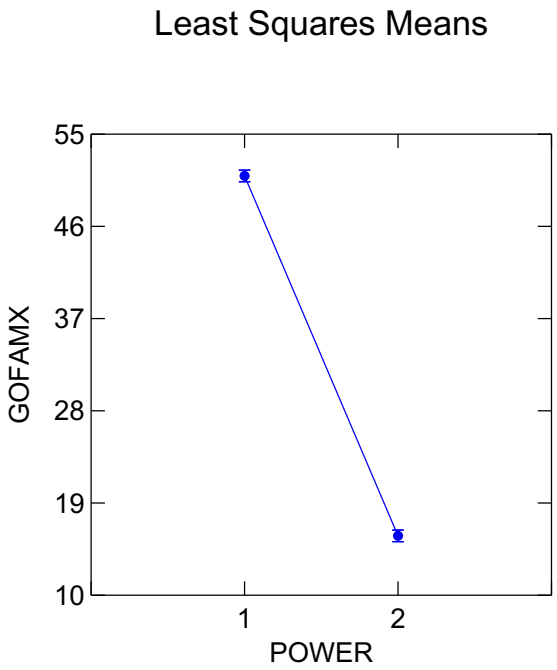


Least Squares Means

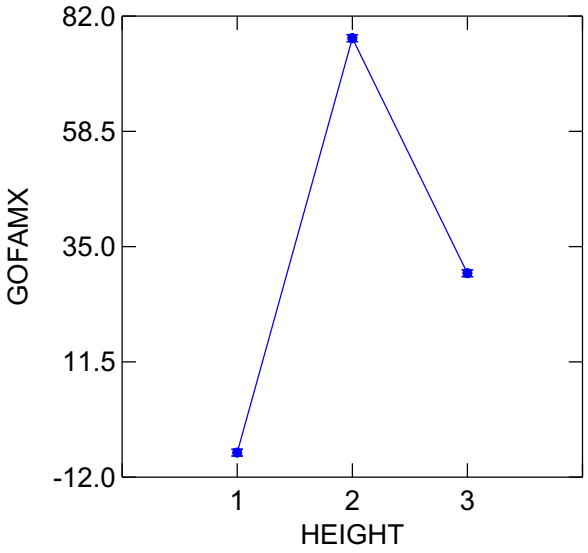



```
*** WARNING ***
Case           11 is an outlier        (Studentized Residual =  8.810638757)
Case           66 is an outlier        (Studentized Residual = -3.956980282)

Durbin-Watson D Statistic     2.345
First Order Autocorrelation  -0.176



Effects coding used for categorical variables in model.

Categorical values encountered during processing are:
POWER (2 levels)
          1,        2
HEIGHT (3 levels)
          1,        2,        3
TRUNK (3 levels)
          1,        2,        3

Dep Var: GOFAMX   N: 90   Multiple R: 0.998743065   Squared multiple R: 0.997487710


                          Analysis of Variance

Source              Sum-of-Squares   df  Mean-Square     F-ratio       P

POWER                 2.77704E+04     1  2.77704E+04 1.90887E+03 0.000000000
HEIGHT                1.07732E+05     2  5.38660E+04 3.70262E+03 0.000000000
```

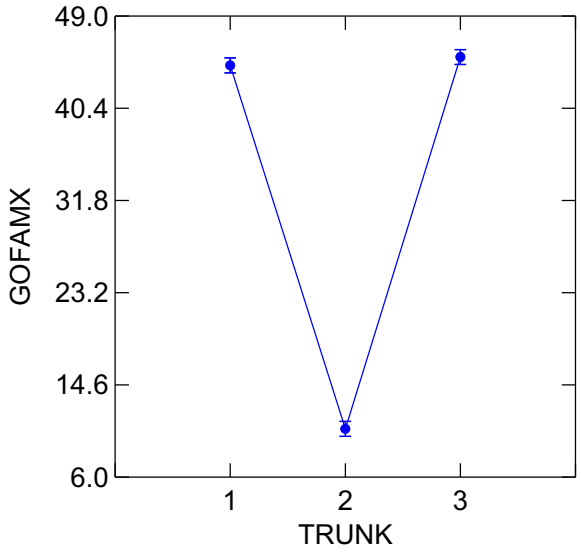
TRUNK	2.35281E+04	2	1.17641E+04	8.08633E+02	0.000000000
HEIGHT*POWER	1.57554E+04	2	7.87772E+03	5.41496E+02	0.000000000
TRUNK*POWER	6.34633E+04	2	3.17317E+04	2.18116E+03	0.000000000
TRUNK*HEIGHT	5.78959E+04	4	1.44740E+04	9.94907E+02	0.000000000
TRUNK*HEIGHT*POWER	1.19742E+05	4	2.99355E+04	2.05770E+03	0.000000000
Error	1.04746E+03	72	1.45481E+01		



Least Squares Means

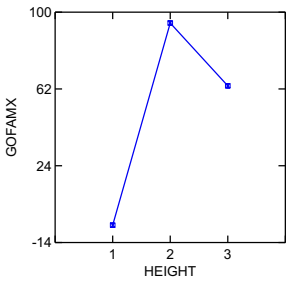


Least Squares Means

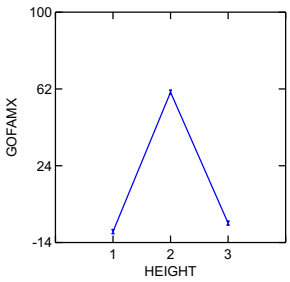


Least Squares Means

1

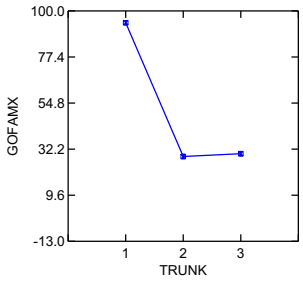


2

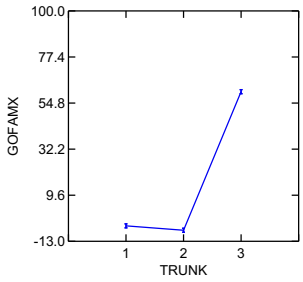


Least Squares Means

1

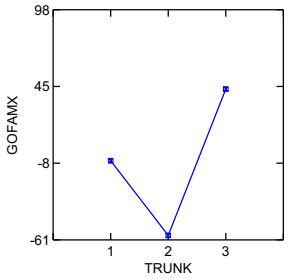


2

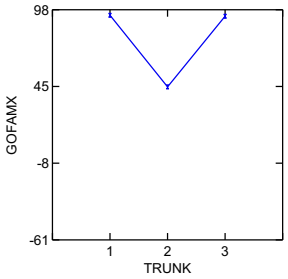


Least Squares Means

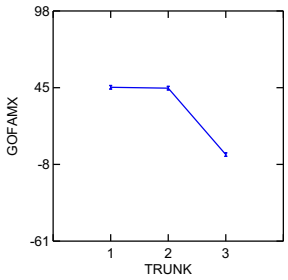
1



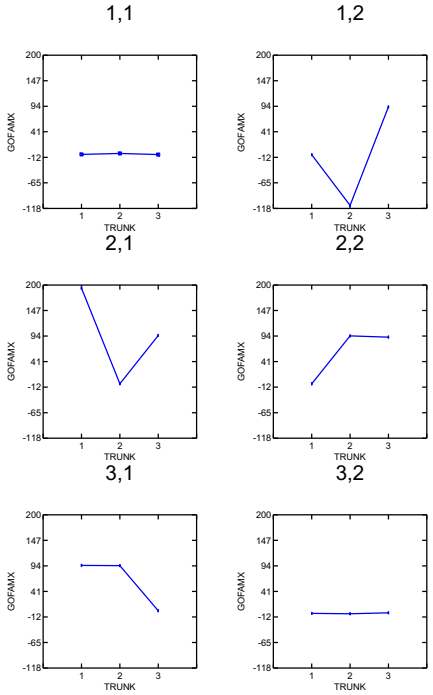
2



3

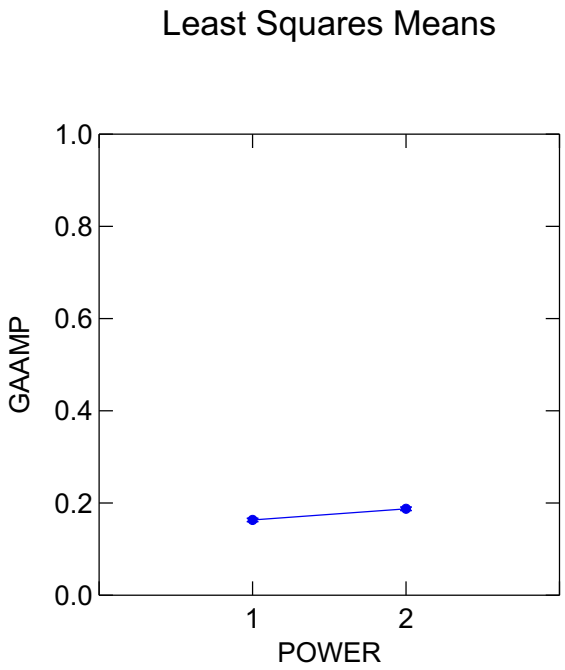


Least Squares Means

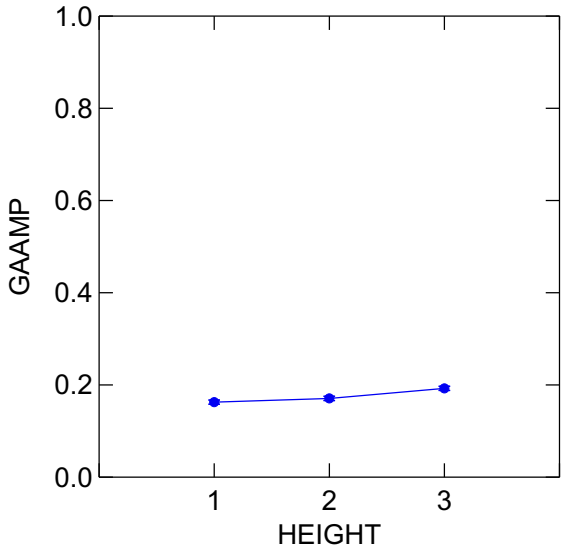



```
*** WARNING ***
Case            26 is an outlier        (Studentized Residual = -3.700363220)
Case            66 is an outlier        (Studentized Residual = -5.102095298)

Durbin-Watson D Statistic     1.861
First Order Autocorrelation   0.065



Effects coding used for categorical variables in model.

Categorical values encountered during processing are:
POWER (2 levels)
          1,        2
HEIGHT (3 levels)
          1,        2,        3
TRUNK (3 levels)
          1,        2,        3

Dep Var: GAAMP   N: 90   Multiple R: 0.685975886   Squared multiple R: 0.470562917


                          Analysis of Variance

Source              Sum-of-Squares   df  Mean-Square     F-ratio       P

POWER                 0.013210139     1  0.013210139 2.14482E+01 0.000015736
HEIGHT                0.014289430     2  0.007144715 1.16003E+01 0.000042949
```

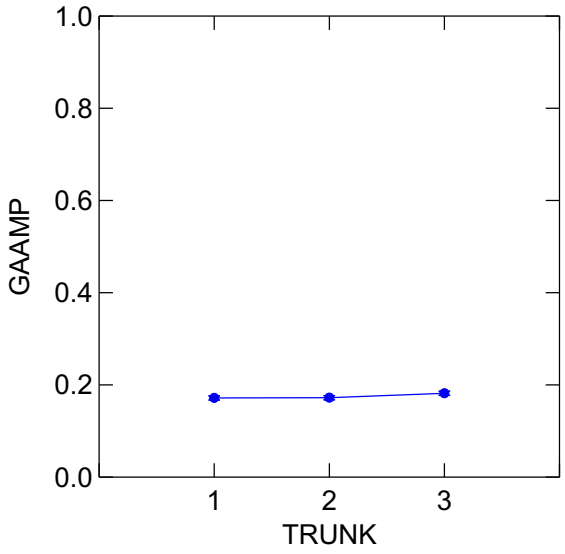
TRUNK	0.001920186	2	0.000960093	1.558821542	0.217400014
HEIGHT*POWER	0.000574961	2	0.000287480	0.466757571	0.628915983
TRUNK*POWER	0.002698266	2	0.001349133	2.190473065	0.119263805
TRUNK*HEIGHT	0.005083041	4	0.001270760	2.063226046	0.094552883
TRUNK*HEIGHT*POWER	0.001638174	4	0.000409544	0.664941208	0.618391350
Error	0.044345478	72	0.000615909		



Least Squares Means

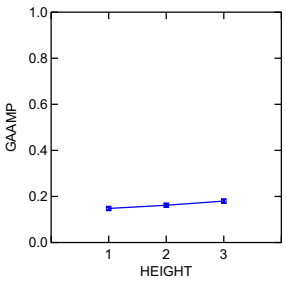


Least Squares Means

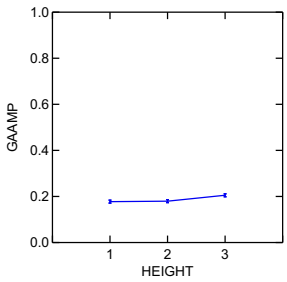


Least Squares Means

1

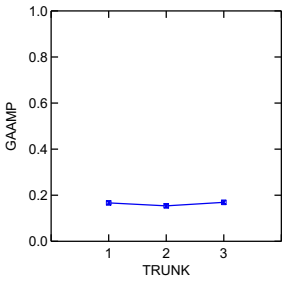


2

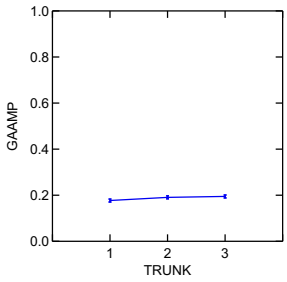


Least Squares Means

1

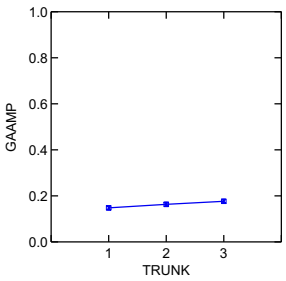


2

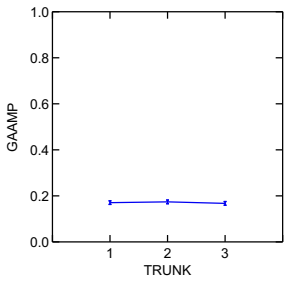


Least Squares Means

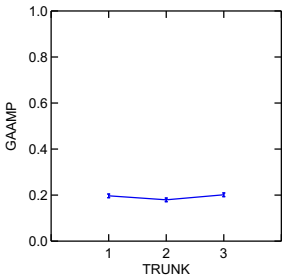
1



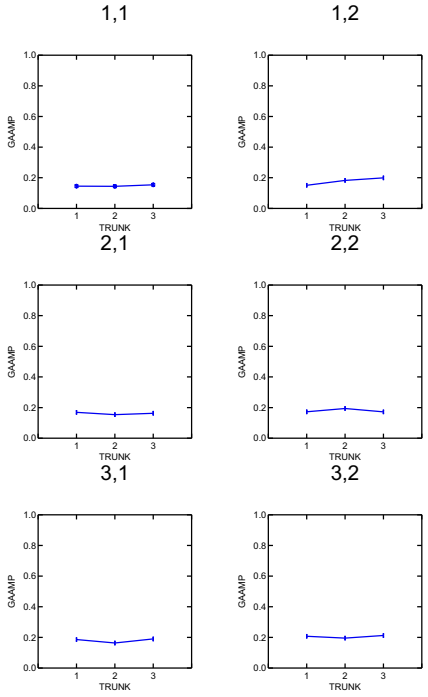
2



3



Least Squares Means



Durbin-Watson D Statistic 2.364
First Order Autocorrelation -0.204

Effects coding used for categorical variables in model.

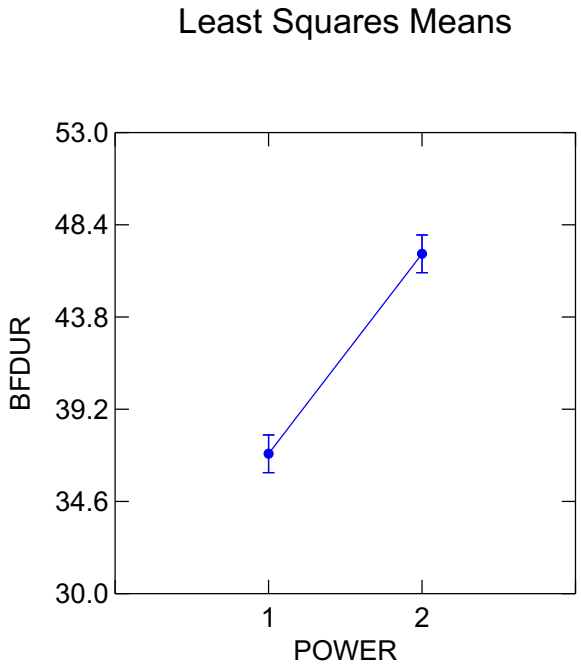
Categorical values encountered during processing are:
POWER (2 levels)
1, 2
HEIGHT (3 levels)
1, 2, 3
TRUNK (3 levels)
1, 2, 3

Dep Var: BFDUR N: 90 Multiple R: 0.775974260 Squared multiple R: 0.602136052

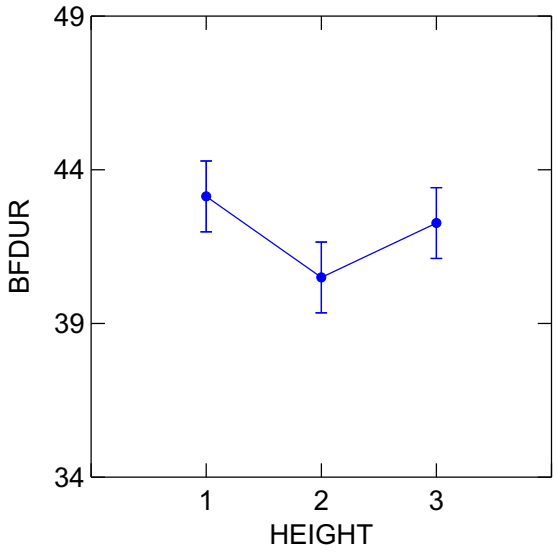
Analysis of Variance

Source	Sum-of-Squares	df	Mean-Square	F-ratio	P
POWER	2.23828E+03	1	2.23828E+03	5.62030E+01	0.000000000
HEIGHT	1.08360E+02	2	5.41798E+01	1.360452700	0.263059111
TRUNK	4.42615E+02	2	2.21308E+02	5.557031412	0.005697541
HEIGHT*POWER	4.91306E+02	2	2.45653E+02	6.168337795	0.003368036
TRUNK*POWER	2.16472E+02	2	1.08236E+02	2.717803774	0.072795462

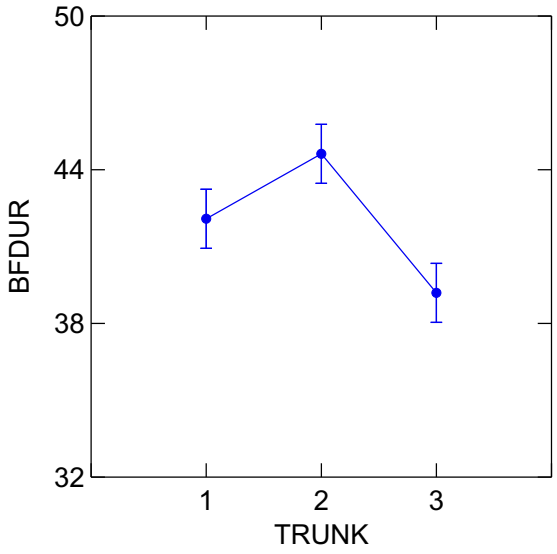
TRUNK*HEIGHT	5.97627E+02	4	1.49407E+02	3.751599987	0.007906914
TRUNK*HEIGHT*POWER	2.44910E+02	4	6.12276E+01	1.537422542	0.200499796
Error	2.86739E+03	72	3.98248E+01		



Least Squares Means

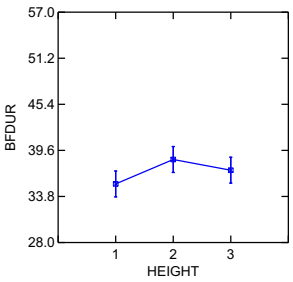


Least Squares Means

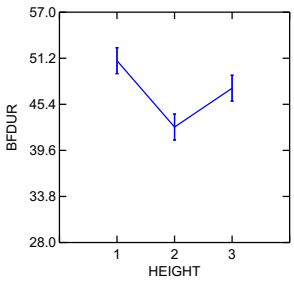


Least Squares Means

1

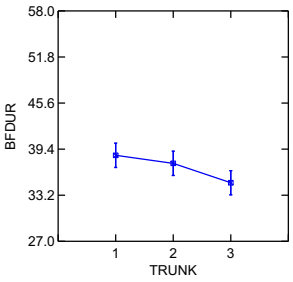


2

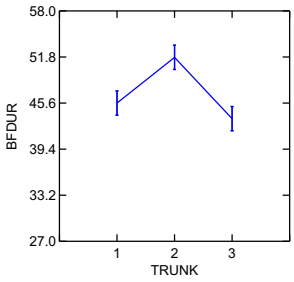


Least Squares Means

1

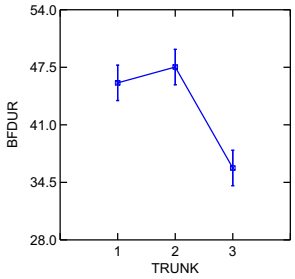


2

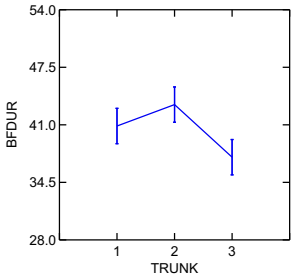


Least Squares Means

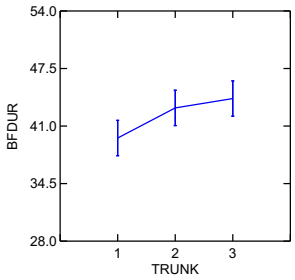
1



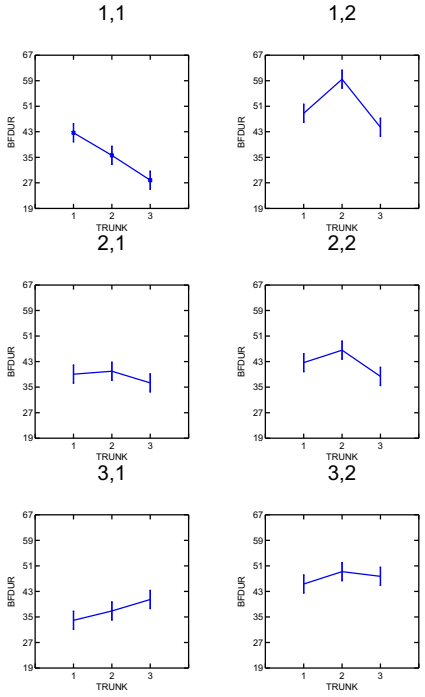
2



3

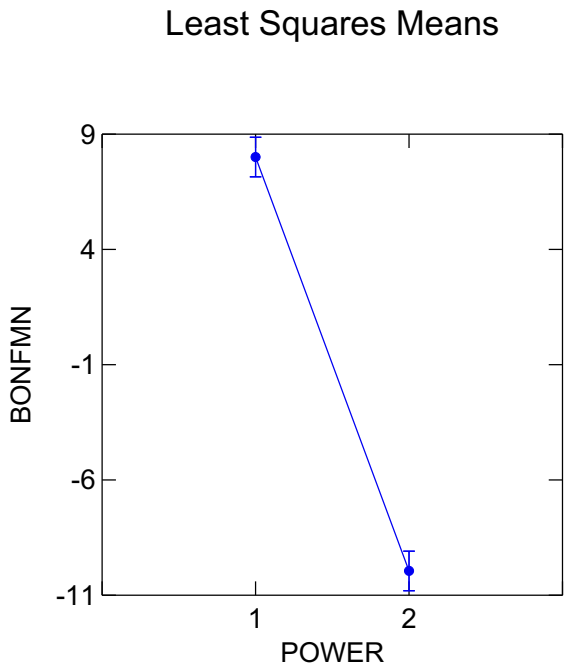


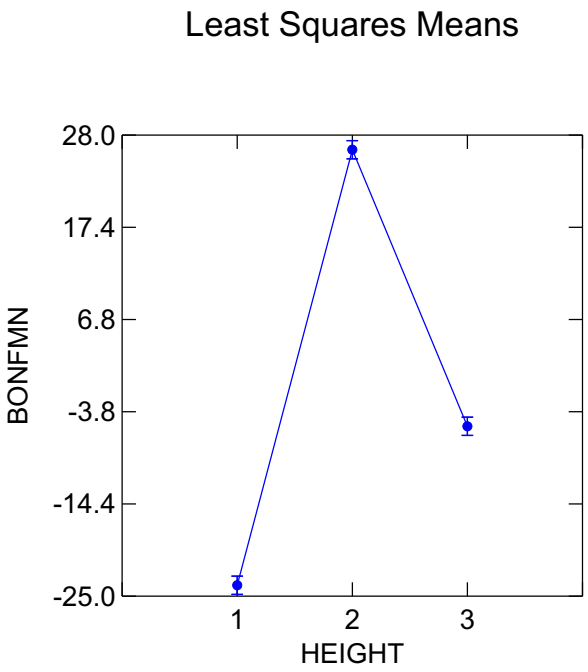
Least Squares Means

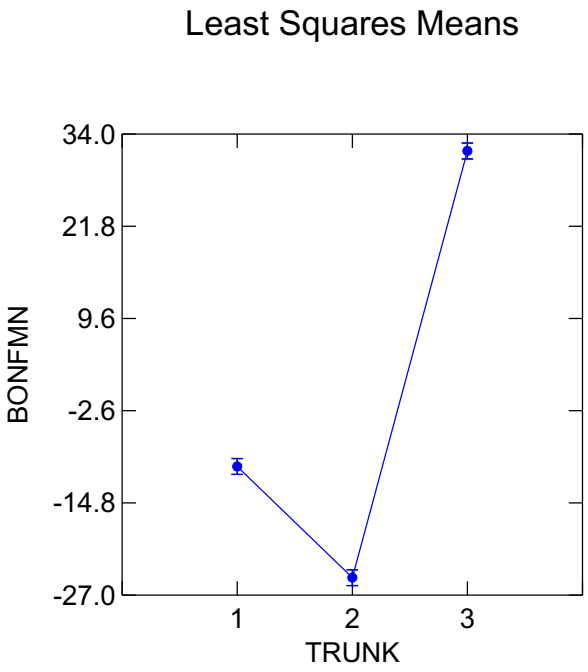



```
*** WARNING ***
Case            31 is an outlier        (Studentized Residual =  4.823160606)
Case            35 is an outlier        (Studentized Residual = -3.298220011)

Durbin-Watson D Statistic     1.872
First Order Autocorrelation   0.046



Effects coding used for categorical variables in model.

Categorical values encountered during processing are:
POWER (2 levels)
          1,        2
HEIGHT (3 levels)
          1,        2,        3
TRUNK (3 levels)
          1,        2,        3

Dep Var: BONFMN   N: 90   Multiple R: 0.997269877   Squared multiple R: 0.994547207


                          Analysis of Variance

Source             Sum-of-Squares   df  Mean-Square     F-ratio       P

POWER                7.25346E+03     1  7.25346E+03 2.19392E+02 0.000000000
HEIGHT               3.85199E+04     2  1.92600E+04 5.82545E+02 0.000000000
```

TRUNK	5.14590E+04	2	2.57295E+04	7.78226E+02	0.000000000
HEIGHT*POWER	3.70985E+04	2	1.85492E+04	5.61049E+02	0.000000000
TRUNK*POWER	6.93144E+04	2	3.46572E+04	1.04826E+03	0.000000000
TRUNK*HEIGHT	1.18722E+05	4	2.96806E+04	8.97733E+02	0.000000000
TRUNK*HEIGHT*POWER	1.11807E+05	4	2.79517E+04	8.45441E+02	0.000000000
Error	2.38044E+03	72	3.30617E+01		

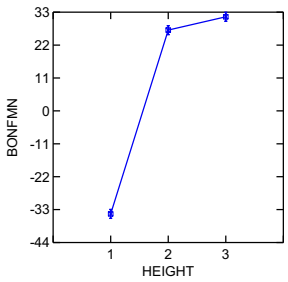



Least Squares Means
28.0
17.4
6.8
-3.8
-14.4
-25.0
BONFMN
1
2
3
HEIGHT

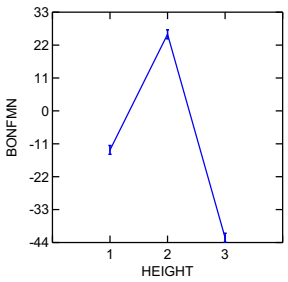

Least Squares Means
34.0
21.8
9.6
-2.6
-14.8
-27.0
BONFMN
1
2
3
TRUNK

Least Squares Means

1

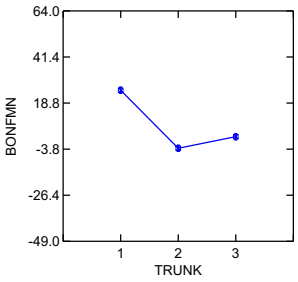


2

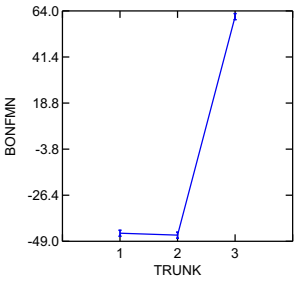


Least Squares Means

1

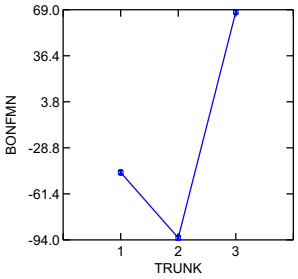


2

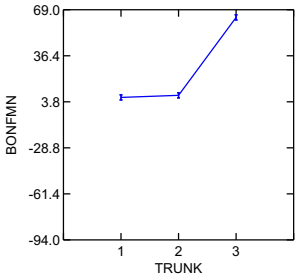


Least Squares Means

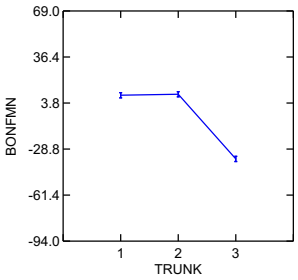
1



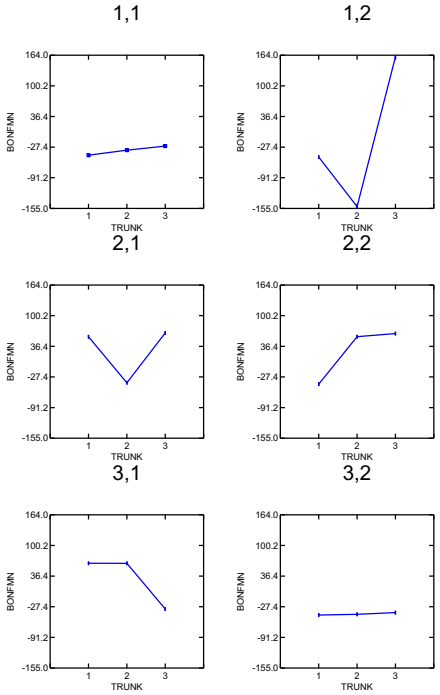
2



3

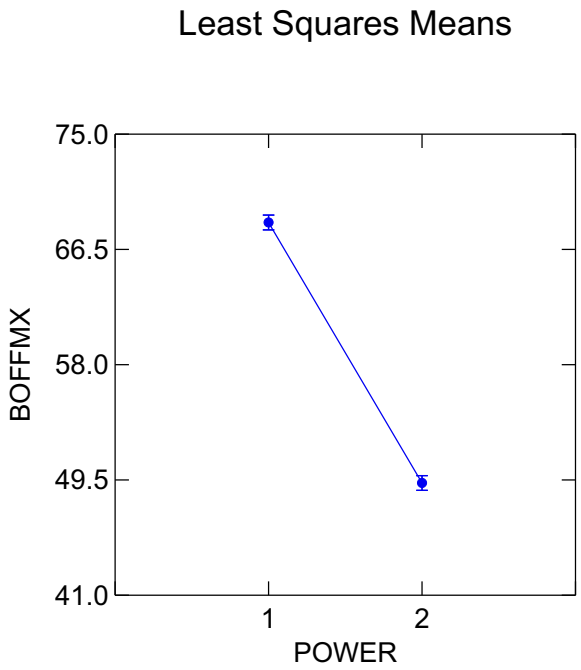


Least Squares Means

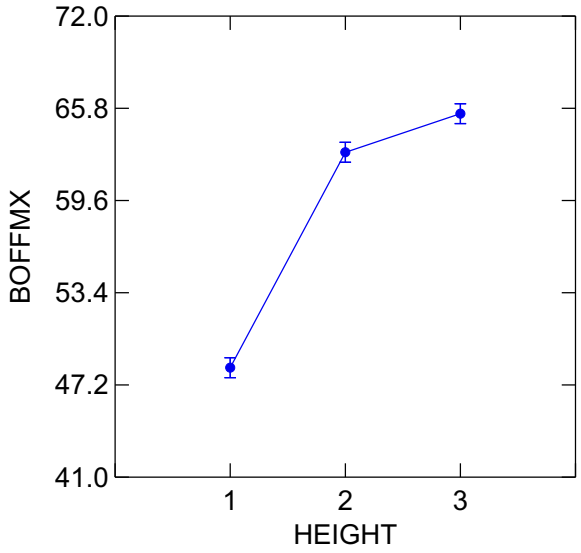



```
*** WARNING ***
Case           31 is an outlier        (Studentized Residual = -3.593455075)
Case           66 is an outlier        (Studentized Residual = -4.717075561)

Durbin-Watson D Statistic     2.000
First Order Autocorrelation  -0.021



Effects coding used for categorical variables in model.

Categorical values encountered during processing are:
POWER (2 levels)
          1,        2
HEIGHT (3 levels)
          1,        2,        3
TRUNK (3 levels)
          1,        2,        3

Dep Var: BOFFMX   N: 90   Multiple R: 0.997223545   Squared multiple R: 0.994454800


                          Analysis of Variance

Source             Sum-of-Squares   df  Mean-Square     F-ratio       P

POWER                8.30465E+03     1  8.30465E+03 6.19146E+02 0.000000000
HEIGHT               5.08186E+03     2  2.54093E+03 1.89437E+02 0.000000000
```

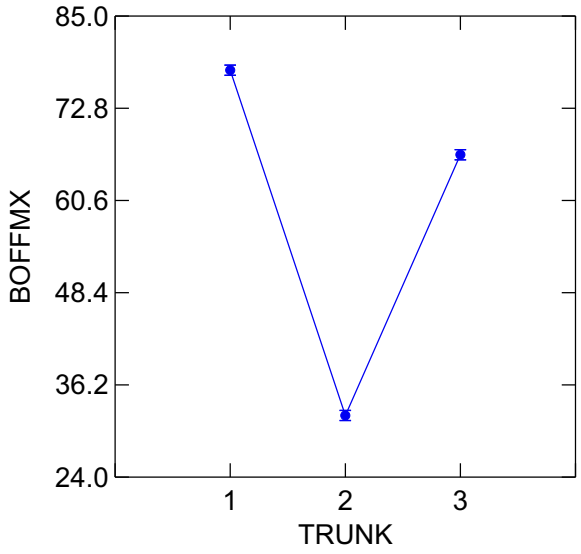
TRUNK	3.40280E+04	2	1.70140E+04	1.26846E+03	0.000000000
HEIGHT*POWER	5.67430E+03	2	2.83715E+03	2.11521E+02	0.000000000
TRUNK*POWER	3.66657E+04	2	1.83328E+04	1.36679E+03	0.000000000
TRUNK*HEIGHT	4.17084E+04	4	1.04271E+04	7.77383E+02	0.000000000
TRUNK*HEIGHT*POWER	4.17294E+04	4	1.04324E+04	7.77775E+02	0.000000000
Error	9.65741E+02	72	1.34131E+01		



Least Squares Means

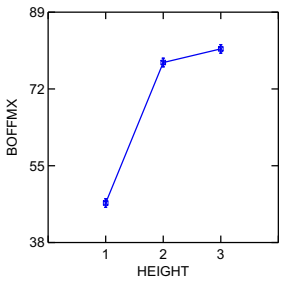


Least Squares Means

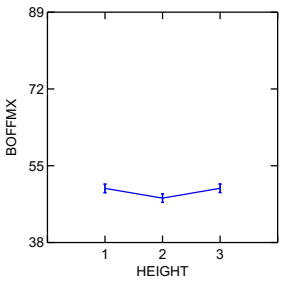


Least Squares Means

1

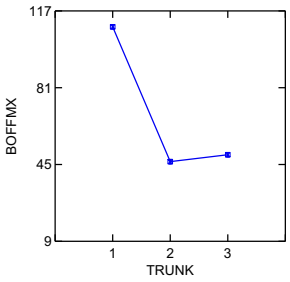


2

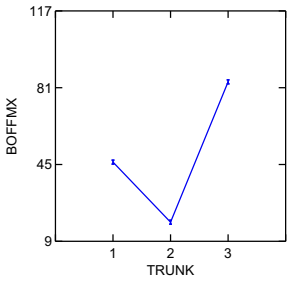


Least Squares Means

1

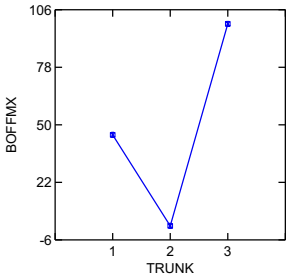


2

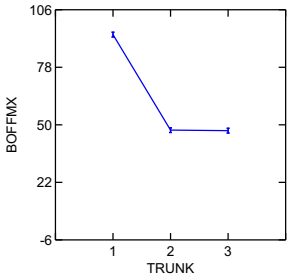


Least Squares Means

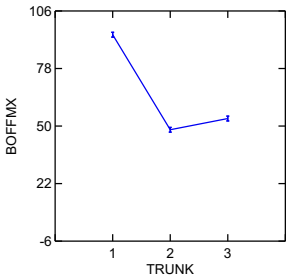
1



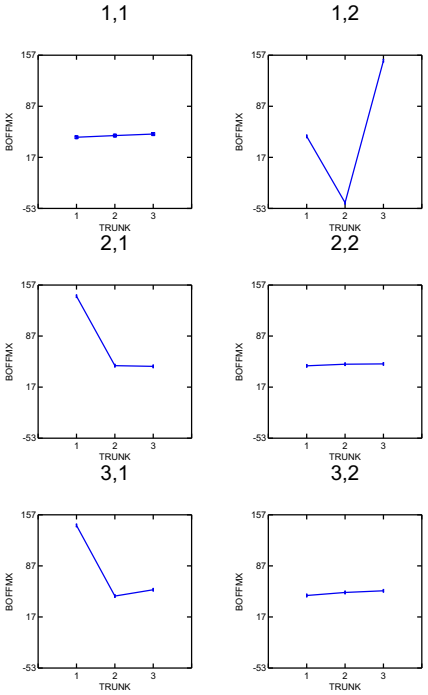
2



3

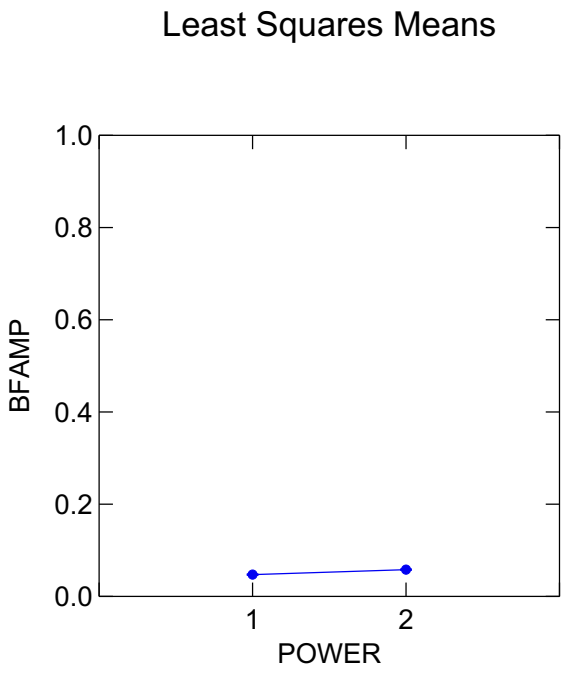


Least Squares Means

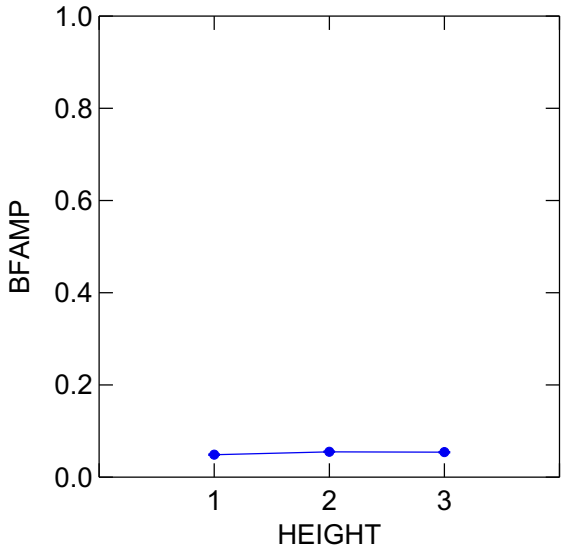



```
*** WARNING ***
Case            66 is an outlier        (Studentized Residual = -3.544190429)
Case            69 is an outlier        (Studentized Residual =  4.533700601)
Case            85 is an outlier        (Studentized Residual =  3.580687421)

Durbin-Watson D Statistic     2.234
First Order Autocorrelation  -0.118



Effects coding used for categorical variables in model.

Categorical values encountered during processing are:
POWER (2 levels)
          1,        2
HEIGHT (3 levels)
          1,        2,        3
TRUNK (3 levels)
          1,        2,        3

Dep Var: BFAMP   N: 90   Multiple R: 0.767102447   Squared multiple R: 0.588446164


                          Analysis of Variance

Source             Sum-of-Squares   df  Mean-Square     F-ratio       P

POWER                0.002604240     1  0.002604240 6.03150E+01 0.000000000
```

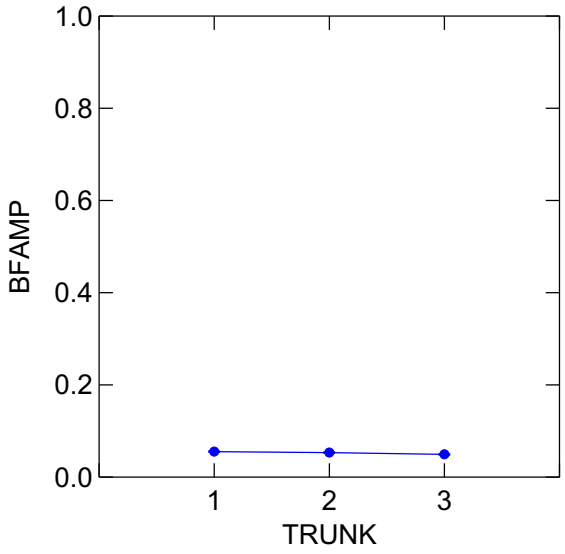
HEIGHT	0.000712885	2	0.000356442	8.255317216	0.000591744
TRUNK	0.000537204	2	0.000268602	6.220909552	0.003220305
HEIGHT*POWER	0.000117823	2	0.000058912	1.364408486	0.262058360
TRUNK*POWER	0.000023201	2	0.000011600	0.268666315	0.765161196
TRUNK*HEIGHT	0.000267730	4	0.000066932	1.550175202	0.196950285
TRUNK*HEIGHT*POWER	0.000181881	4	0.000045470	1.053105231	0.386086066
Error	0.003108767	72	0.000043177		



Least Squares Means

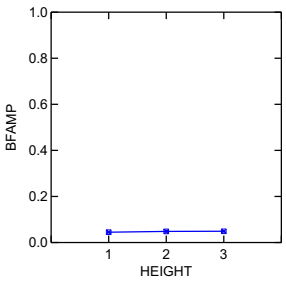


Least Squares Means

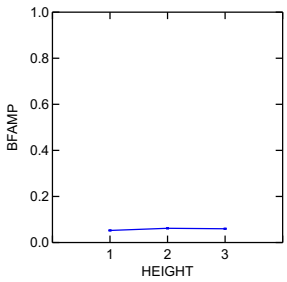


Least Squares Means

1

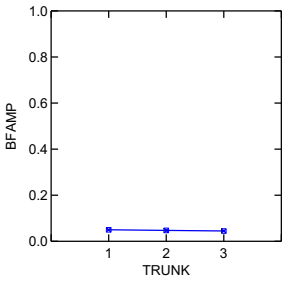


2

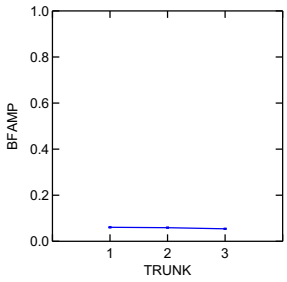


Least Squares Means

1

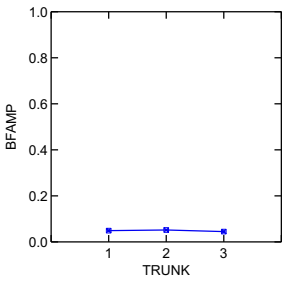


2

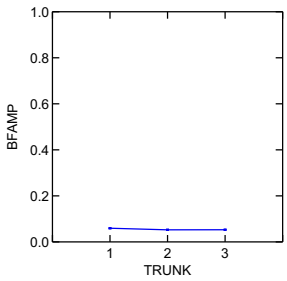


Least Squares Means

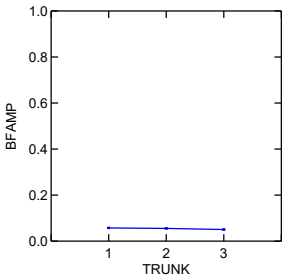
1



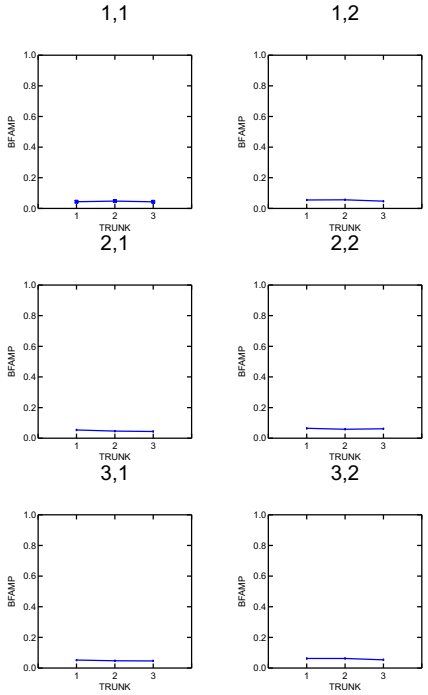
2



3

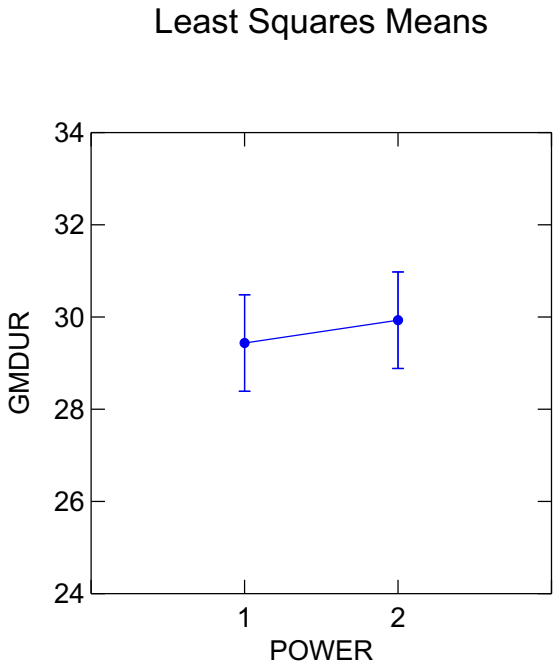


Least Squares Means

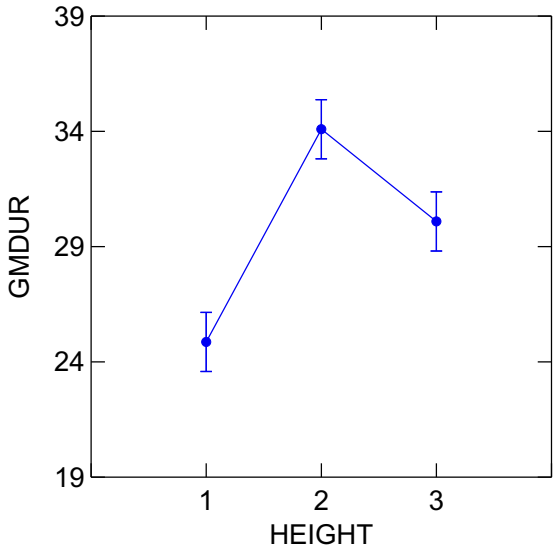



```
Durbin-Watson D Statistic     2.394
First Order Autocorrelation  -0.203



Effects coding used for categorical variables in model.

Categorical values encountered during processing are:
POWER (2 levels)
          1,        2
HEIGHT (3 levels)
          1,        2,        3
TRUNK (3 levels)
          1,        2,        3

Dep Var: GMDUR   N: 90   Multiple R: 0.690239373   Squared multiple R: 0.476430392


                          Analysis of Variance

Source              Sum-of-Squares   df  Mean-Square     F-ratio       P

POWER                 5.518989797     1  5.518989797 0.111859362 0.739009444
HEIGHT                1.28533E+03     2  6.42665E+02 1.30256E+01 0.000014848
TRUNK                 2.28514E+02     2  1.14257E+02 2.315767359 0.105998332
HEIGHT*POWER          1.81572E+02     2  9.07859E+01 1.840057290 0.166197987
TRUNK*POWER           1.73033E+02     2  8.65166E+01 1.753526821 0.180475813
```

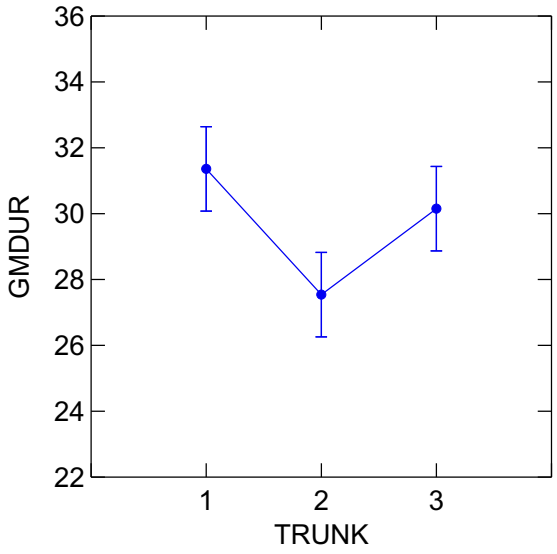
TRUNK*HEIGHT	7.55843E+02	4	1.88961E+02	3.829872749	0.007050744
TRUNK*HEIGHT*POWER	6.02736E+02	4	1.50684E+02	3.054075124	0.022062049
Error	3.55238E+03	72	4.93386E+01		



Least Squares Means

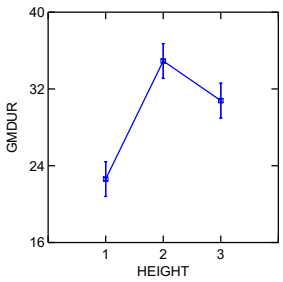


Least Squares Means

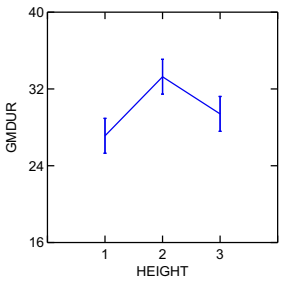


Least Squares Means

1

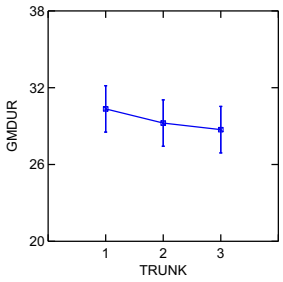


2

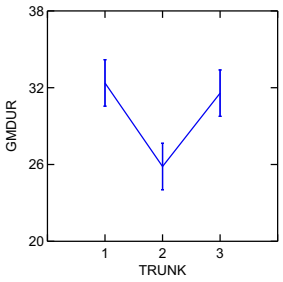


Least Squares Means

1

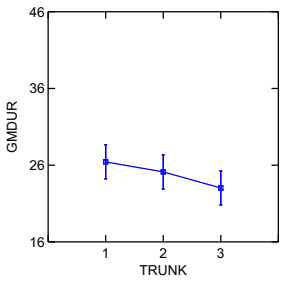


2

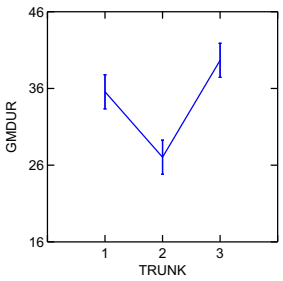


Least Squares Means

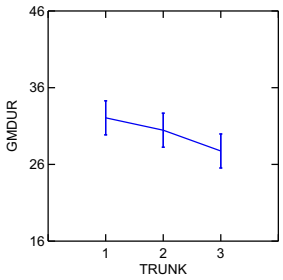
1

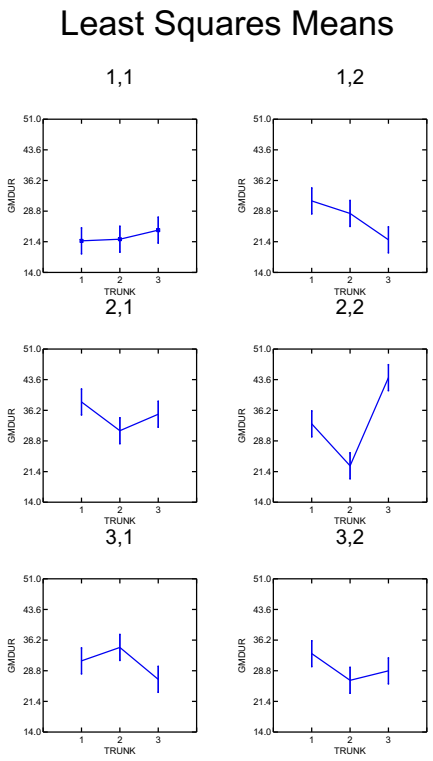


2



3





*** WARNING ***
Case 11 is an outlier (Studentized Residual = 7.412102606)

Durbin-Watson D Statistic 2.295
First Order Autocorrelation -0.150

Effects coding used for categorical variables in model.

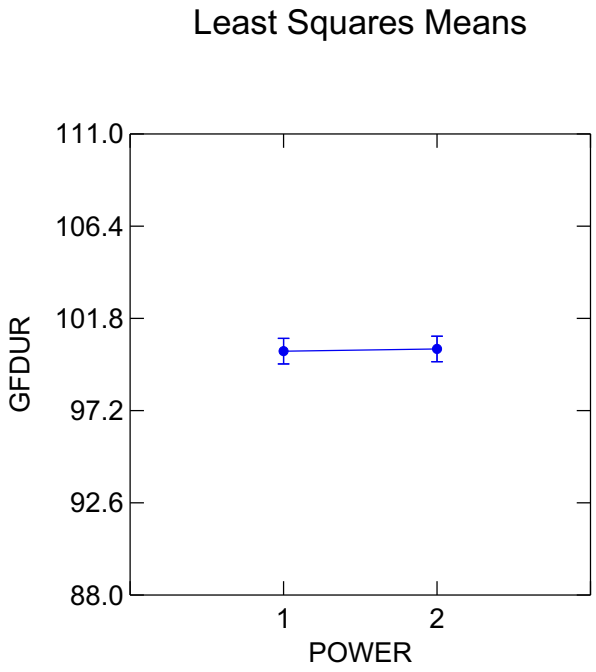
Categorical values encountered during processing are:
POWER (2 levels)
1, 2
HEIGHT (3 levels)
1, 2, 3
TRUNK (3 levels)
1, 2, 3

Dep Var: GFDUR N: 90 Multiple R: 0.400650877 Squared multiple R: 0.160521125

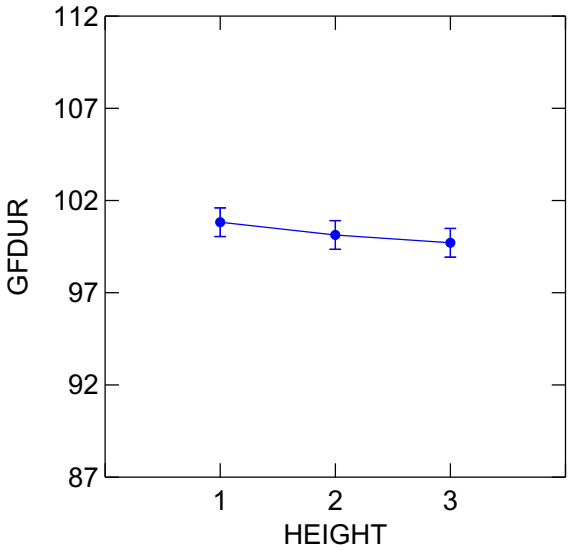
Analysis of Variance

Source	Sum-of-Squares	df	Mean-Square	F-ratio	P
POWER	0.271261007	1	0.271261007	0.014906708	0.903165477
HEIGHT	1.90798E+01	2	9.539899815	0.524249702	0.594241683
TRUNK	5.489454078	2	2.744727039	0.150832017	0.860263174

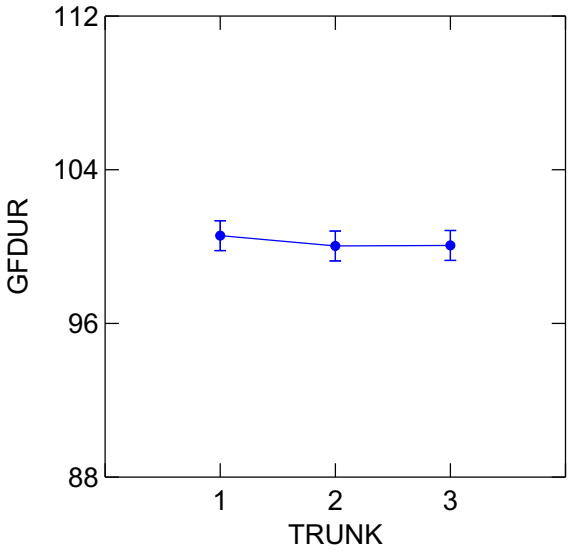
HEIGHT*POWER	1.86136E+01	2	9.306802121	0.511440197	0.601793262
TRUNK*POWER	7.54434E+01	2	3.77217E+01	2.072933798	0.133260567
TRUNK*HEIGHT	9.73427E+01	4	2.43357E+01	1.337327151	0.264438029
TRUNK*HEIGHT*POWER	3.42903E+01	4	8.572576173	0.471092002	0.756765185
Error	1.31020E+03	72	1.81972E+01		



Least Squares Means

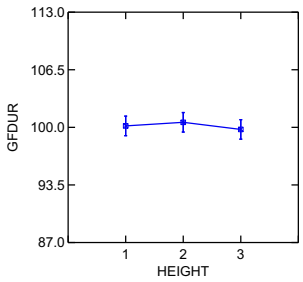


Least Squares Means

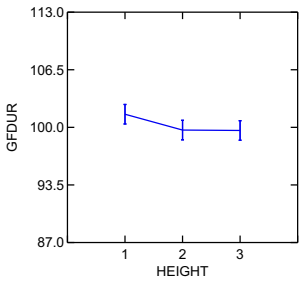


Least Squares Means

1

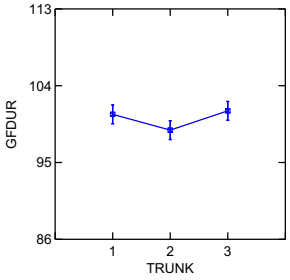


2



Least Squares Means

1



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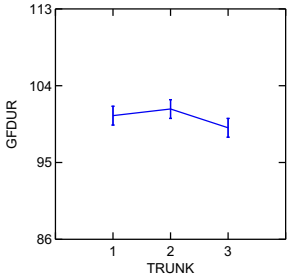
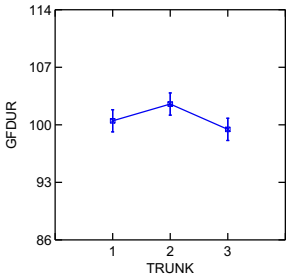
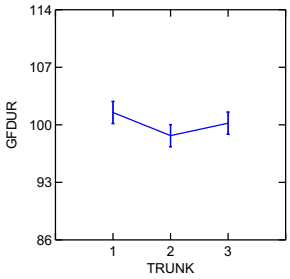


Least Squares Means

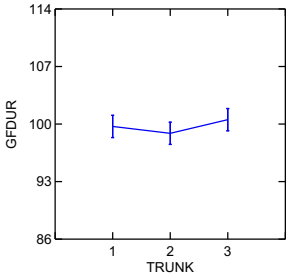
1



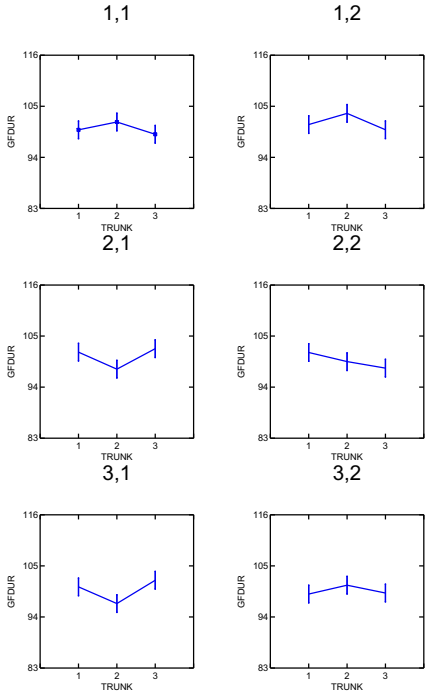
2



3

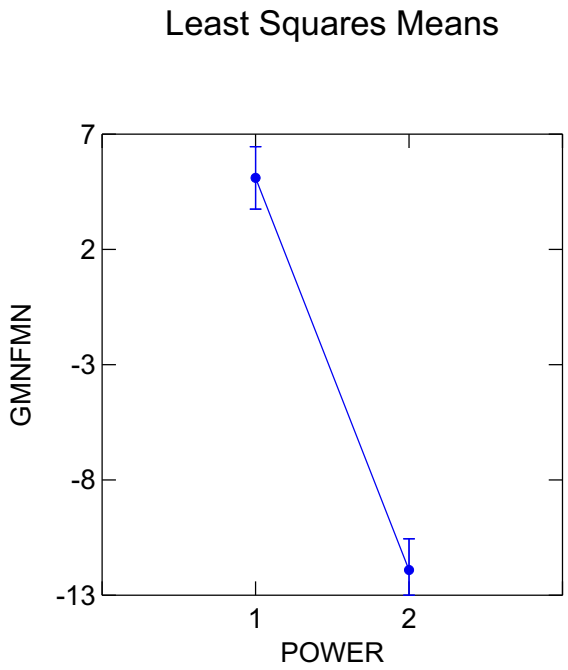


Least Squares Means

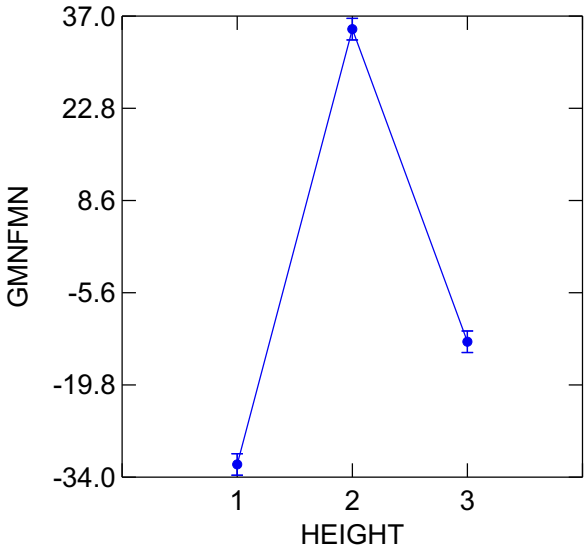



```
*** WARNING ***
Case           26 is an outlier        (Studentized Residual = -4.444334382)
Case           66 is an outlier        (Studentized Residual =  3.974574075)

Durbin-Watson D Statistic     2.051
First Order Autocorrelation  -0.027



Effects coding used for categorical variables in model.

Categorical values encountered during processing are:
POWER (2 levels)
          1,        2
HEIGHT (3 levels)
          1,        2,        3
TRUNK (3 levels)
          1,        2,        3

Dep Var: GMNFMN   N: 90   Multiple R: 0.994197873   Squared multiple R: 0.988429411


                              Analysis of Variance

Source              Sum-of-Squares   df  Mean-Square     F-ratio       P

POWER                 6.51274E+03     1  6.51274E+03 7.87702E+01 0.000000000
HEIGHT                7.16853E+04     2  3.58427E+04 4.33510E+02 0.000000000
```

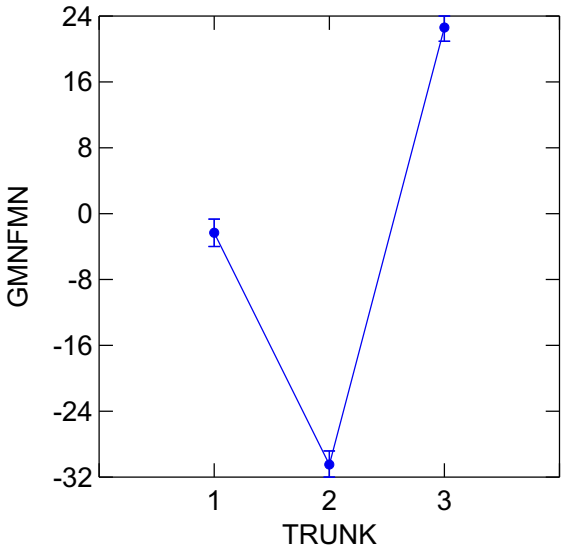
TRUNK	4.23187E+04	2	2.11594E+04	2.55918E+02	0.000000000
HEIGHT*POWER	3.80995E+04	2	1.90497E+04	2.30403E+02	0.000000000
TRUNK*POWER	9.83318E+04	2	4.91659E+04	5.94652E+02	0.000000000
TRUNK*HEIGHT	1.07624E+05	4	2.69060E+04	3.25423E+02	0.000000000
TRUNK*HEIGHT*POWER	1.43967E+05	4	3.59917E+04	4.35312E+02	0.000000000
Error	5.95297E+03	72	8.26802E+01		



Least Squares Means

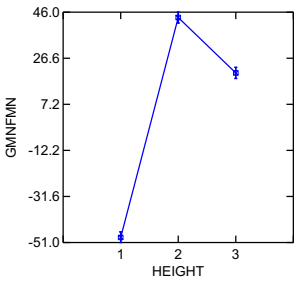


Least Squares Means

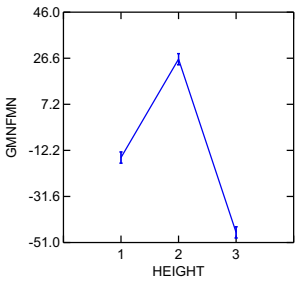


Least Squares Means

1

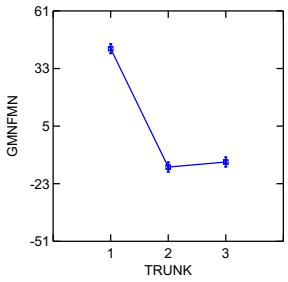


2

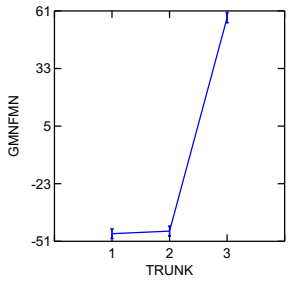


Least Squares Means

1

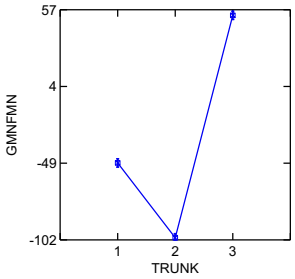


2

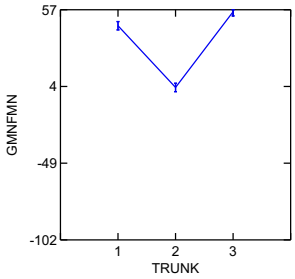


Least Squares Means

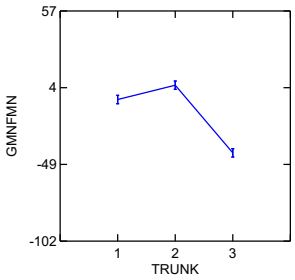
1

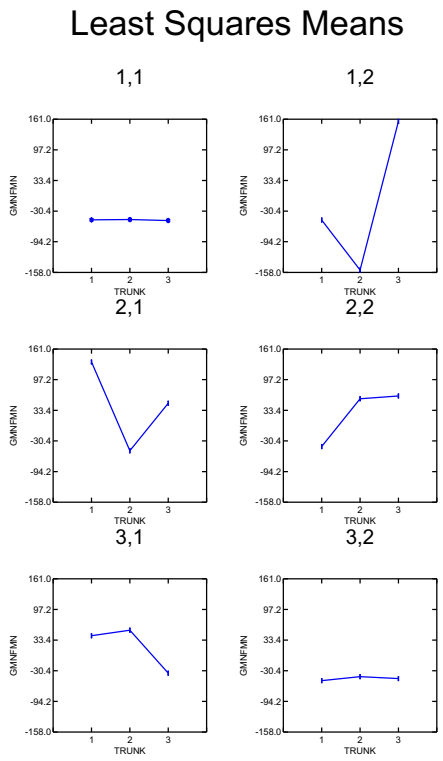


2



3





*** WARNING ***
Case 11 is an outlier (Studentized Residual = -1.04617E+01)

Durbin-Watson D Statistic 2.256
First Order Autocorrelation -0.128

Effects coding used for categorical variables in model.

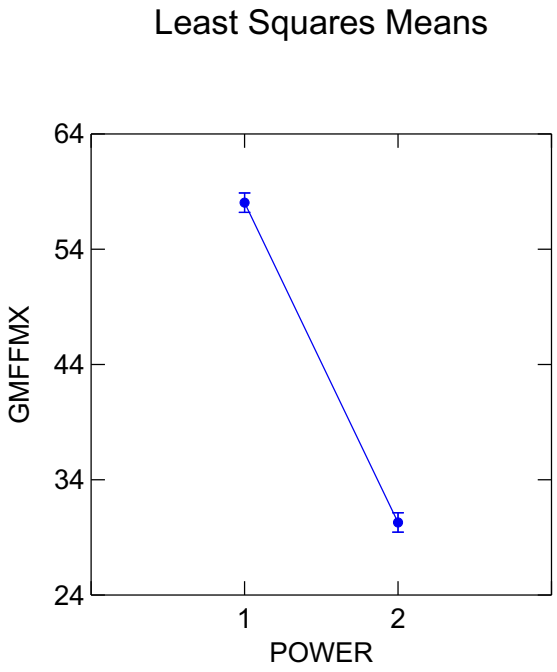
Categorical values encountered during processing are:
POWER (2 levels)
1, 2
HEIGHT (3 levels)
1, 2, 3
TRUNK (3 levels)
1, 2, 3

Dep Var: GMFFMX N: 90 Multiple R: 0.996263790 Squared multiple R: 0.992541540

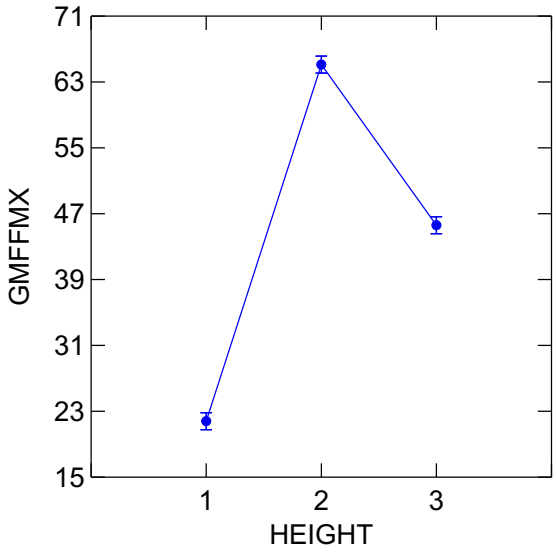
Analysis of Variance

Source	Sum-of-Squares	df	Mean-Square	F-ratio	P
POWER	1.73252E+04	1	1.73252E+04	5.41552E+02	0.000000000
HEIGHT	2.82368E+04	2	1.41184E+04	4.41315E+02	0.000000000
TRUNK	6.51495E+04	2	3.25748E+04	1.01822E+03	0.000000000

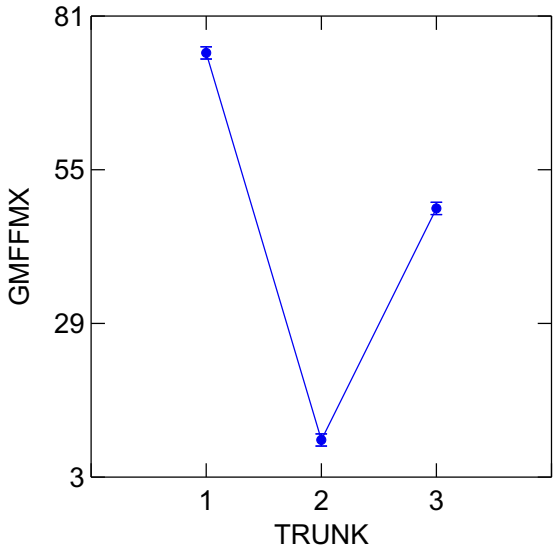
HEIGHT*POWER	1.26683E+04	2	6.33417E+03	1.97994E+02	0.000000000
TRUNK*POWER	6.18048E+04	2	3.09024E+04	9.65949E+02	0.000000000
TRUNK*HEIGHT	5.77385E+04	4	1.44346E+04	4.51198E+02	0.000000000
TRUNK*HEIGHT*POWER	6.36047E+04	4	1.59012E+04	4.97039E+02	0.000000000
Error	2.30341E+03	72	3.19918E+01		



Least Squares Means

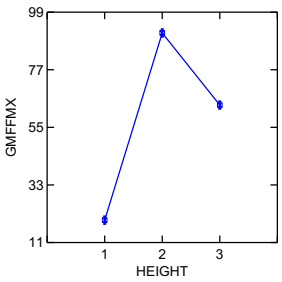


Least Squares Means

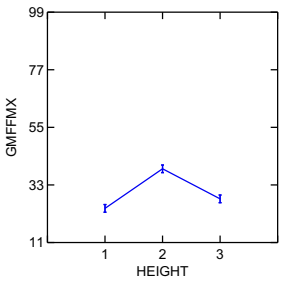


Least Squares Means

1

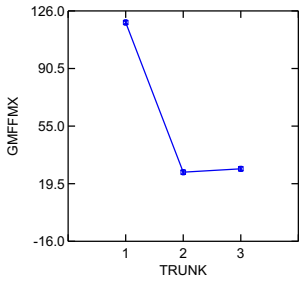


2

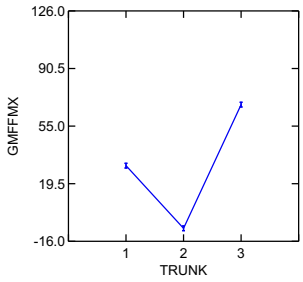


Least Squares Means

1

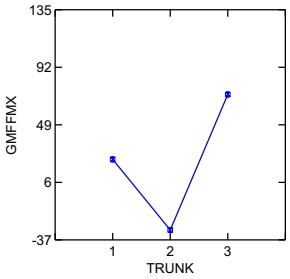


2

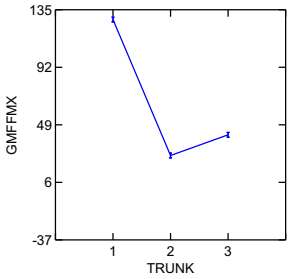


Least Squares Means

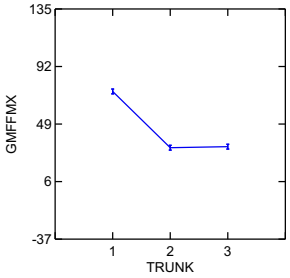
1

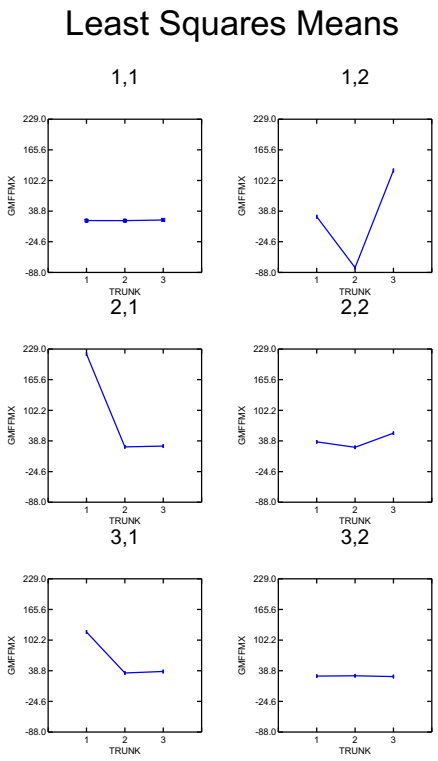


2



3





Durbin-Watson D Statistic 2.049
First Order Autocorrelation -0.026

Effects coding used for categorical variables in model.

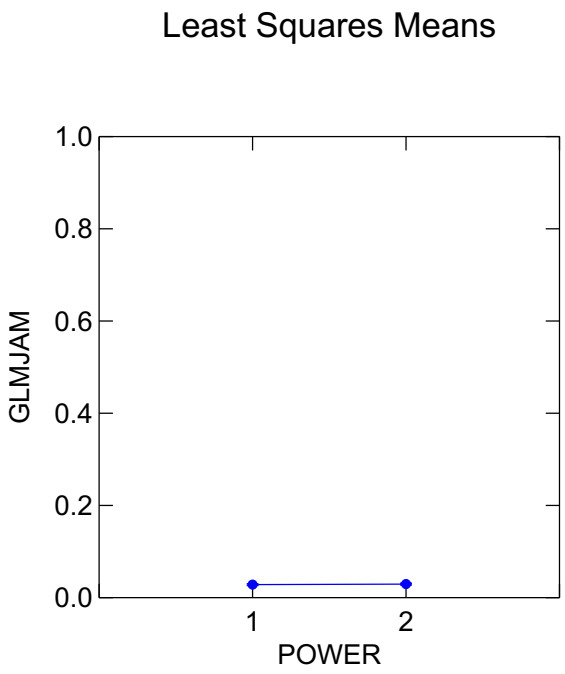
Categorical values encountered during processing are:
POWER (2 levels)
1, 2
HEIGHT (3 levels)
1, 2, 3
TRUNK (3 levels)
1, 2, 3

Dep Var: GLMJAM N: 90 Multiple R: 0.818247291 Squared multiple R: 0.669528629

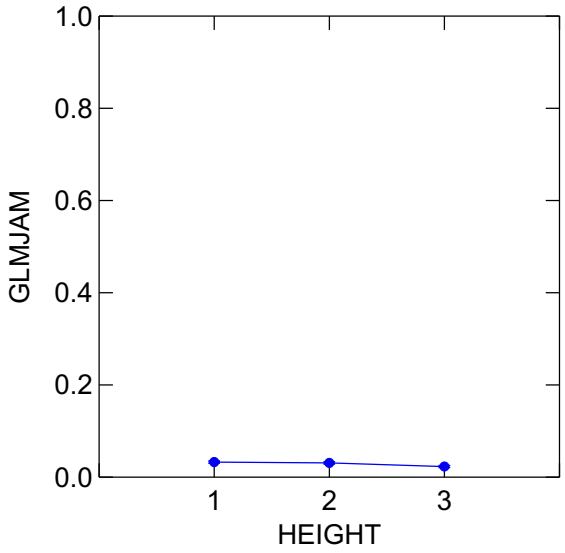
Analysis of Variance

Source	Sum-of-Squares	df	Mean-Square	F-ratio	P
POWER	0.000026590	1	0.000026590	0.178847188	0.673626270
HEIGHT	0.001583717	2	0.000791858	5.326194994	0.006962655
TRUNK	0.002690792	2	0.001345396	9.049397884	0.000311951
HEIGHT*POWER	0.005015856	2	0.002507928	1.68688E+01	0.000000981
TRUNK*POWER	0.002263250	2	0.001131625	7.611531428	0.001002864

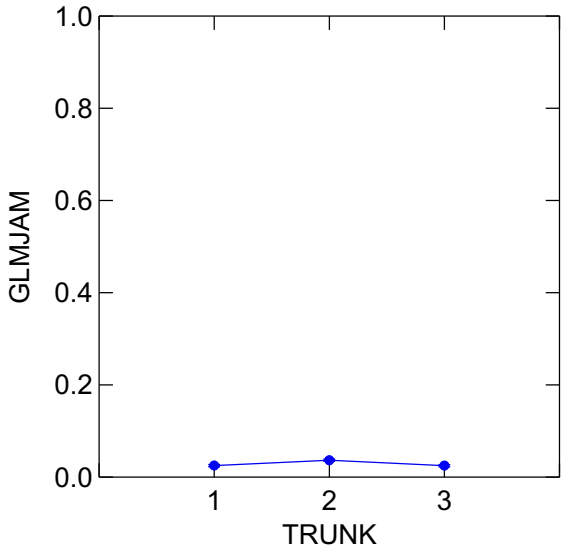
```
TRUNK*HEIGHT          0.006470398     4  0.001617600 1.08803E+01 0.000000591
TRUNK*HEIGHT*POWER    0.003636337     4  0.000909084 6.114679223 0.000271155

Error                 0.010704416    72  0.000148672

---------------------------------------------------------------------------
```



Least Squares Means

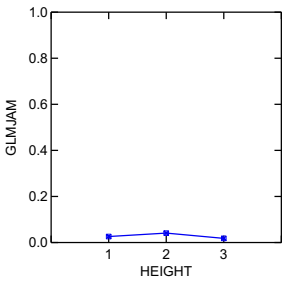


Least Squares Means

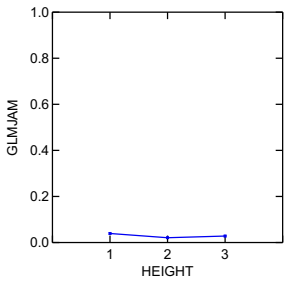


Least Squares Means

1

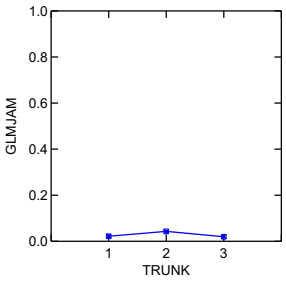


2

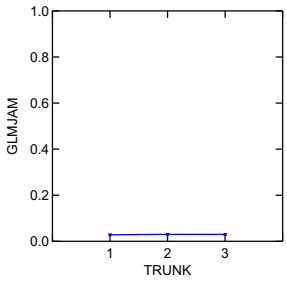


Least Squares Means

1

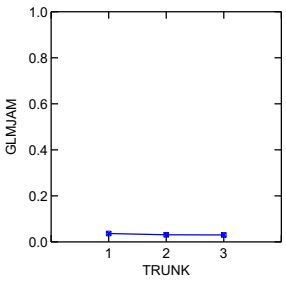


2

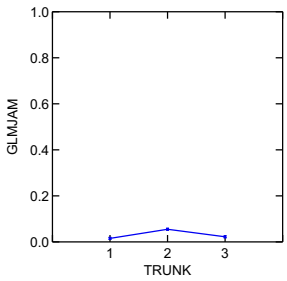


Least Squares Means

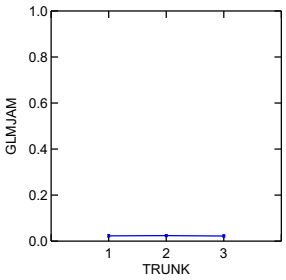
1

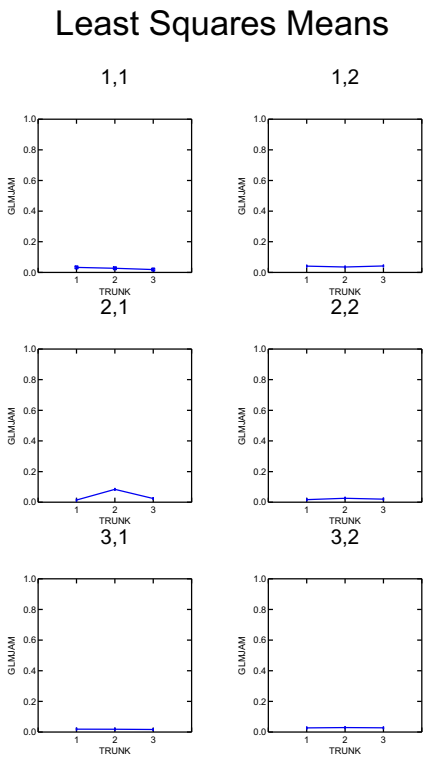


2



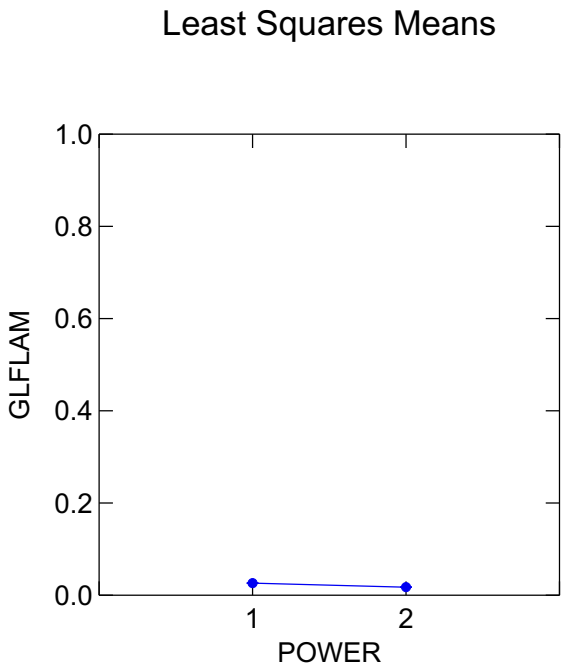
3



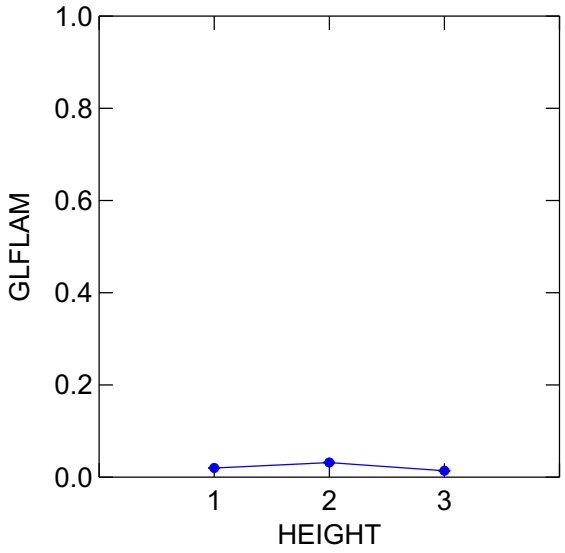



```
*** WARNING ***
Case             3 is an outlier        (Studentized Residual =  6.629331975)
Case             4 is an outlier        (Studentized Residual = -5.227811059)

Durbin-Watson D Statistic     1.917
First Order Autocorrelation   0.036



Effects coding used for categorical variables in model.

Categorical values encountered during processing are:
POWER (2 levels)
          1,        2
HEIGHT (3 levels)
          1,        2,        3
TRUNK (3 levels)
          1,        2,        3

Dep Var: GLFLAM   N: 90   Multiple R: 0.984451563   Squared multiple R: 0.969144880


                          Analysis of Variance

Source              Sum-of-Squares   df  Mean-Square     F-ratio       P

POWER                 0.001708517     1  0.001708517 1.67891E+02 0.000000000
HEIGHT                0.004925912     2  0.002462956 2.42028E+02 0.000000000
```

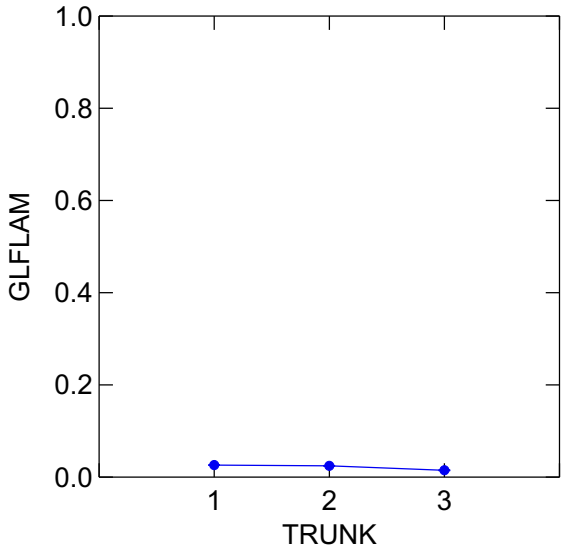
TRUNK	0.002210021	2	0.001105011	1.08586E+02	0.000000000
HEIGHT*POWER	0.009070319	2	0.004535160	4.45658E+02	0.000000000
TRUNK*POWER	0.002065300	2	0.001032650	1.01476E+02	0.000000000
TRUNK*HEIGHT	0.000989505	4	0.000247376	2.43090E+01	0.000000000
TRUNK*HEIGHT*POWER	0.002044036	4	0.000511009	5.02155E+01	0.000000000
Error	0.000732695	72	0.000010176		



Least Squares Means

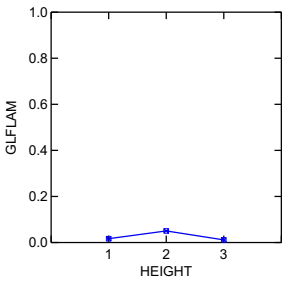


Least Squares Means

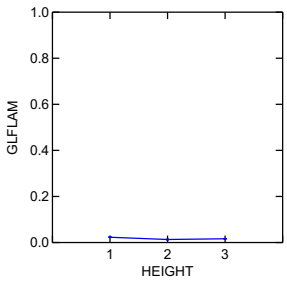


Least Squares Means

1

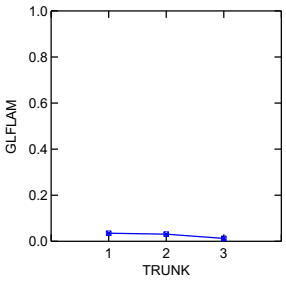


2

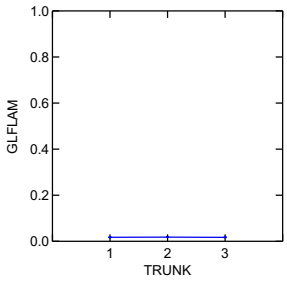


Least Squares Means

1

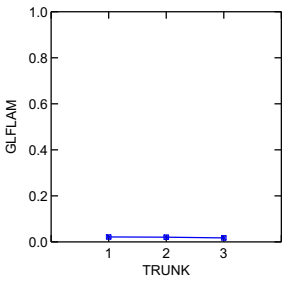


2

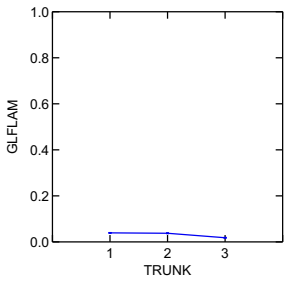


Least Squares Means

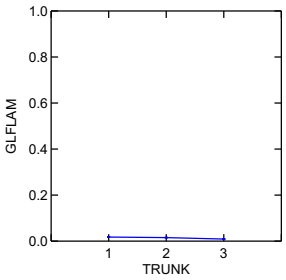
1

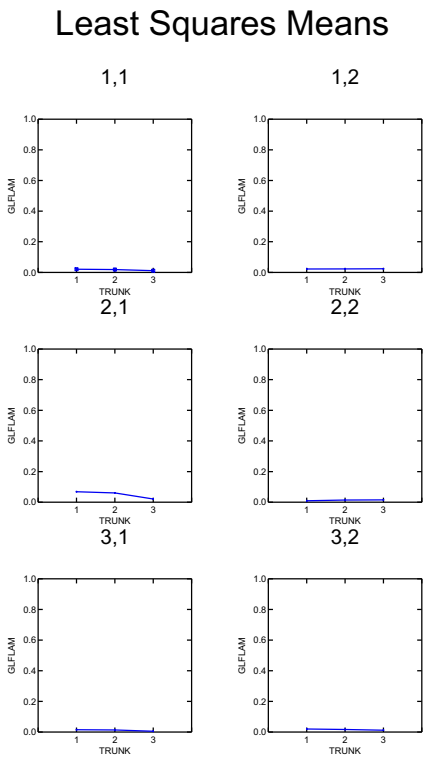


2



3






```
*** WARNING ***
Case           12 is an outlier        (Studentized Residual = -3.592219983)

Durbin-Watson D Statistic     1.796
First Order Autocorrelation   0.090
```