

## One-Way ANOVA with Heating Quality as Predictor

### The GLM Procedure

Class Level Information		
Class	Levels	Values
Heating_QC	4	Ex Fa Gd TA

Number of Observations Read	300
Number of Observations Used	300

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### The GLM Procedure

**Dependent Variable: SalePrice Sale price in dollars**

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	66835556221	22278518740	18.50	<.0001
Error	296	356387963289	1204013389.5		
Corrected Total	299	423223519511			

R-Square	Coeff Var	Root MSE	SalePrice Mean
0.157920	25.23100	34698.90	137524.9

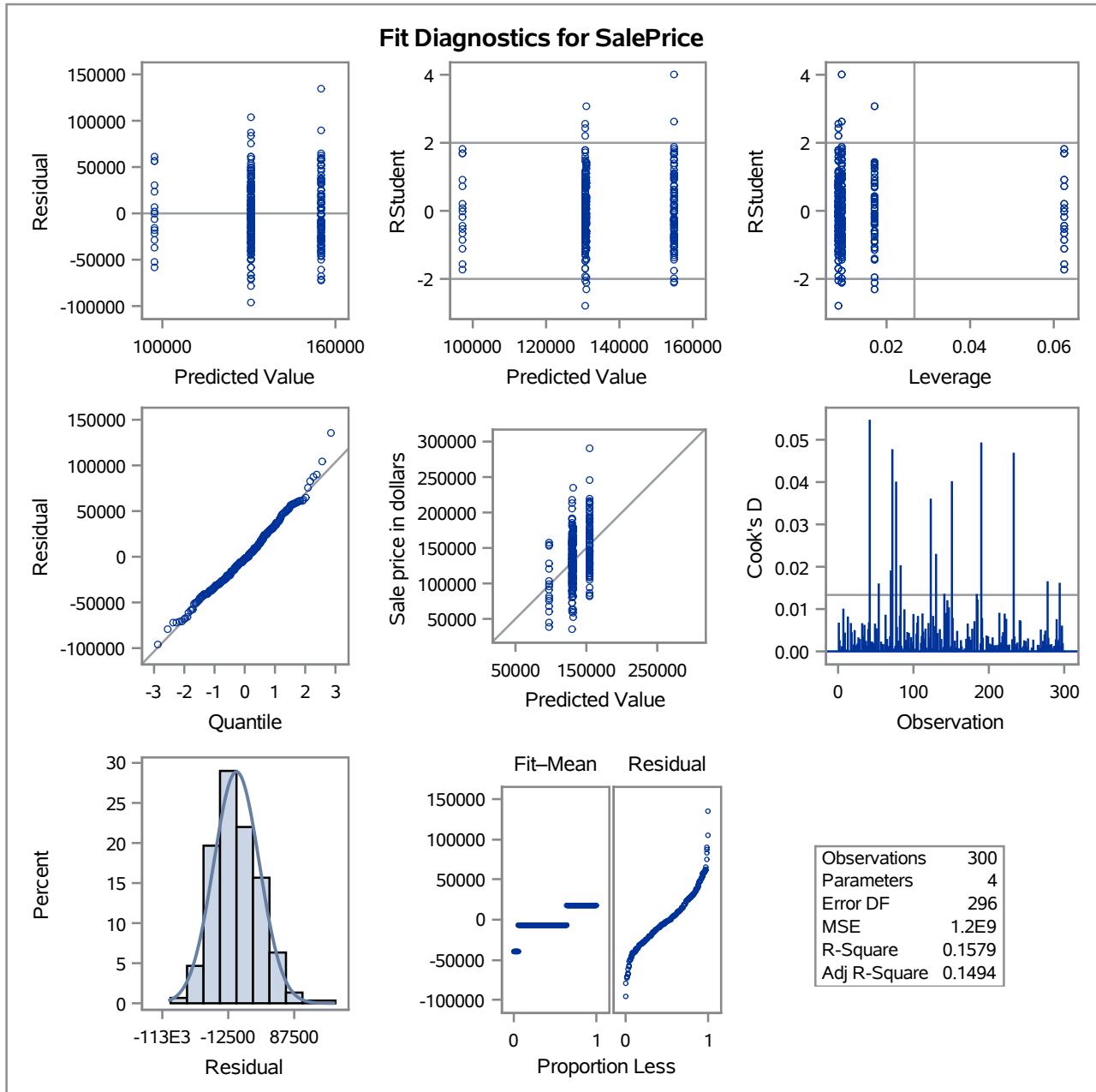
Source	DF	Type I SS	Mean Square	F Value	Pr > F
Heating_QC	3	66835556221	22278518740	18.50	<.0001

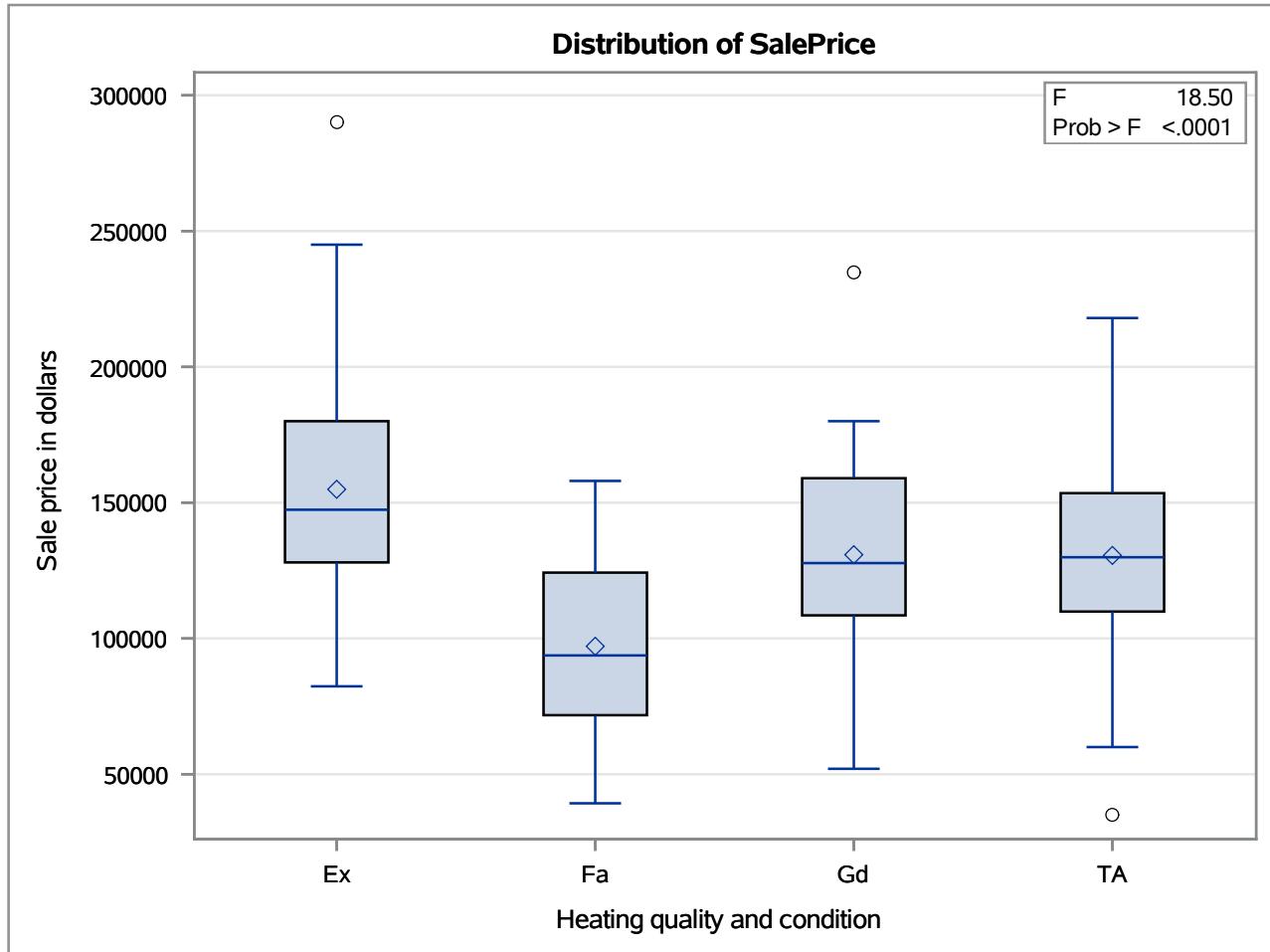
Source	DF	Type III SS	Mean Square	F Value	Pr > F
Heating_QC	3	66835556221	22278518740	18.50	<.0001

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**Dependent Variable: SalePrice Sale price in dollars**



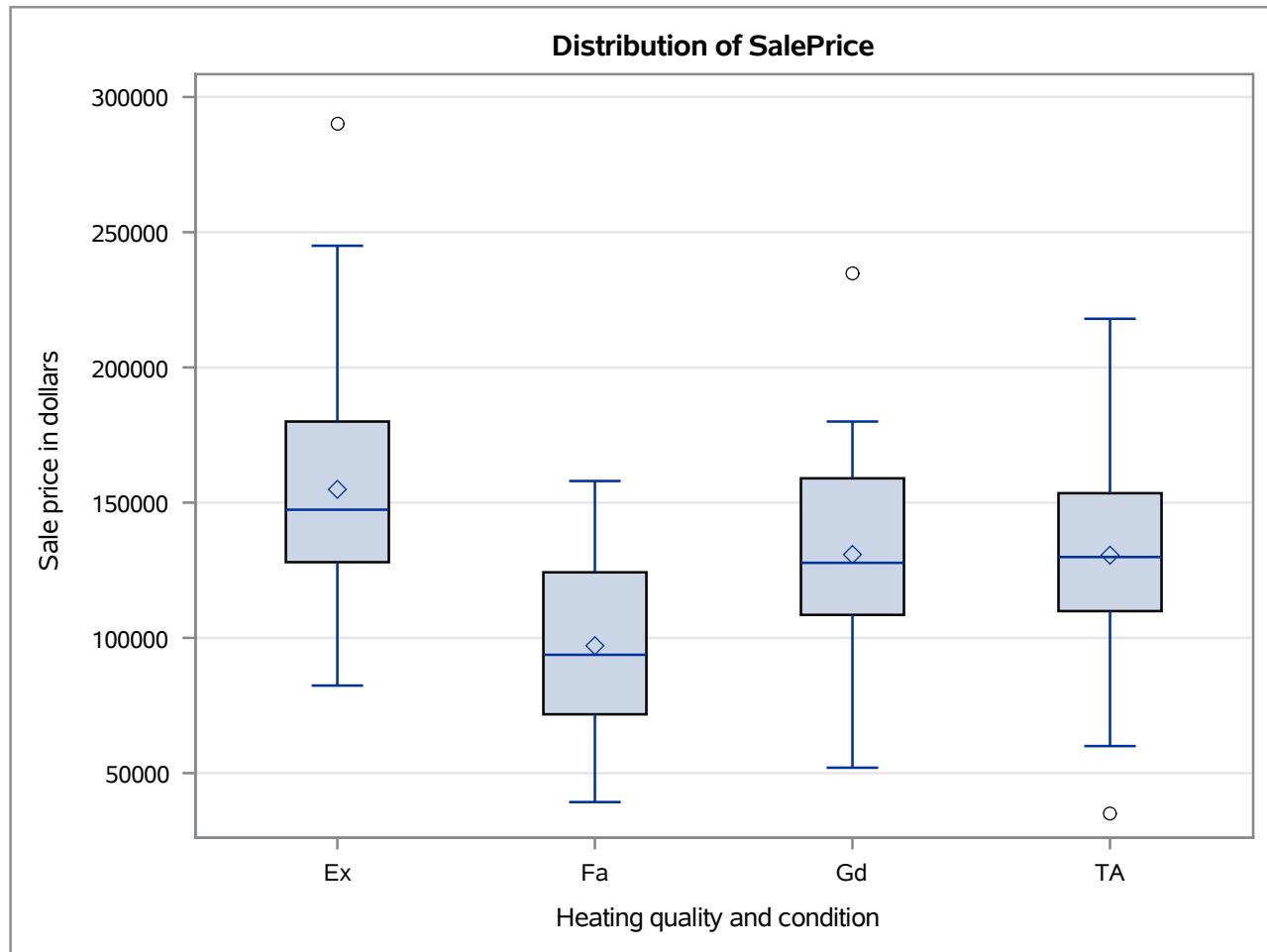
**One-Way ANOVA with Heating Quality as Predictor****The GLM Procedure****Dependent Variable: SalePrice Sale price in dollars**

**One-Way ANOVA with Heating Quality as Predictor****The GLM Procedure**

Levene's Test for Homogeneity of SalePrice Variance ANOVA of Squared Deviations from Group Means					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Heating_QC	3	5.931E18	1.977E18	0.58	0.6305
Error	296	1.014E21	3.426E18		

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Level of Heating_QC	N	SalePrice	
		Mean	Std Dev
Ex	107	154919.187	36822.8795
Fa	16	97118.750	37423.5437
Gd	58	130844.086	34912.5027
TA	119	130573.529	32177.4508