

## The ANOVA Procedure

Class Level Information		
Class	Levels	Values
location	3	Front Middle Rear

Number of Observations Read	18
Number of Observations Used	18

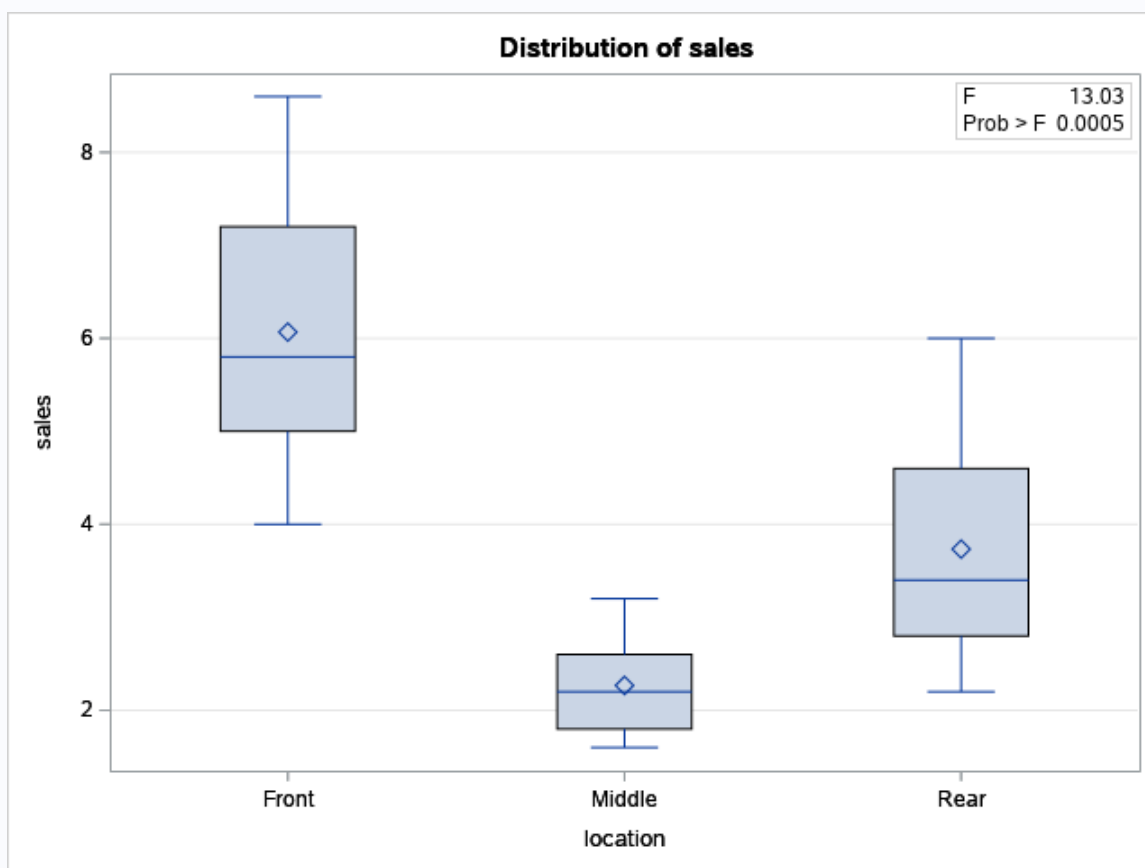
## The ANOVA Procedure

Dependent Variable: sales

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	44.07111111	22.03555556	13.03	0.0005
Error	15	25.36000000	1.69066667		
Corrected Total	17	69.43111111			

R-Square	Coeff Var	Root MSE	sales Mean
0.634746	32.32682	1.300256	4.022222

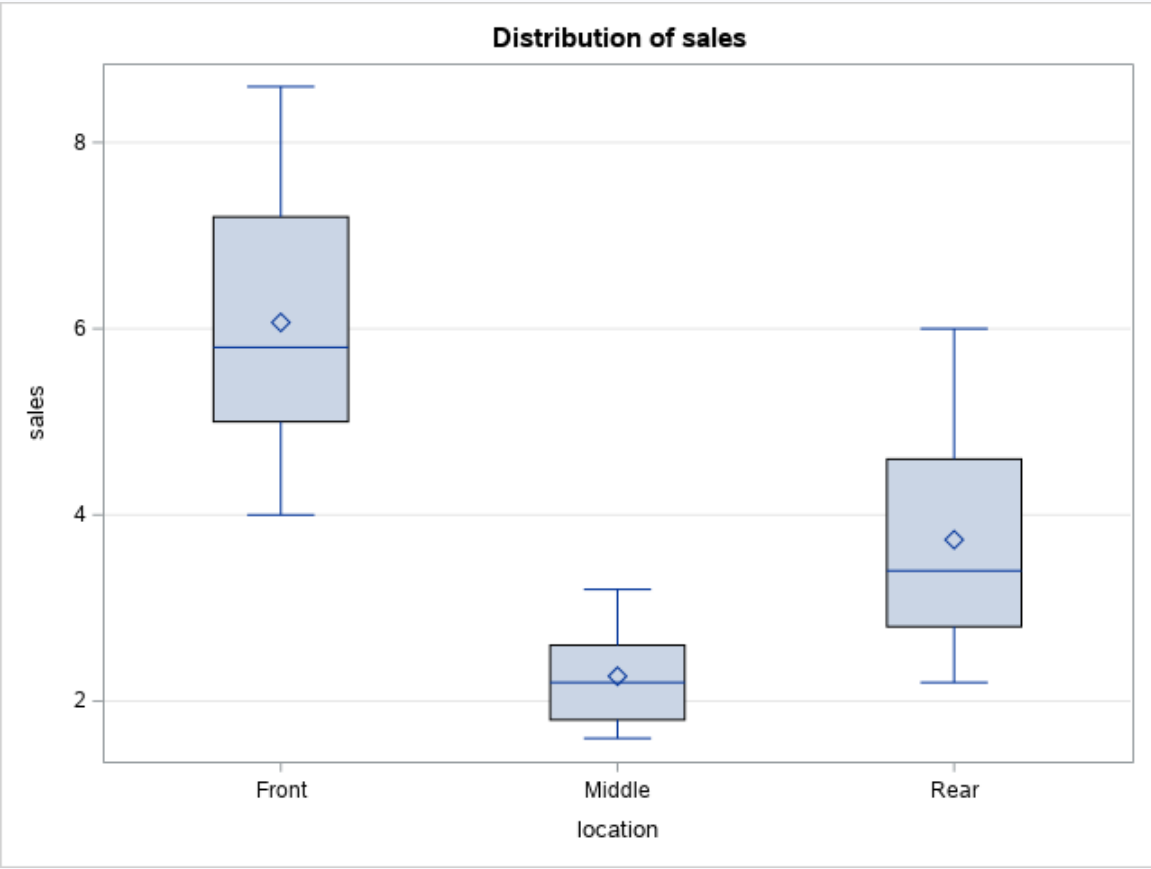
Source	DF	Anova SS	Mean Square	F Value	Pr > F
location	2	44.07111111	22.03555556	13.03	0.0005



## The ANOVA Procedure

Bartlett's Test for Homogeneity of sales Variance			
Source	DF	Chi-Square	Pr > ChiSq
location	2	4.3054	0.1162

## The ANOVA Procedure

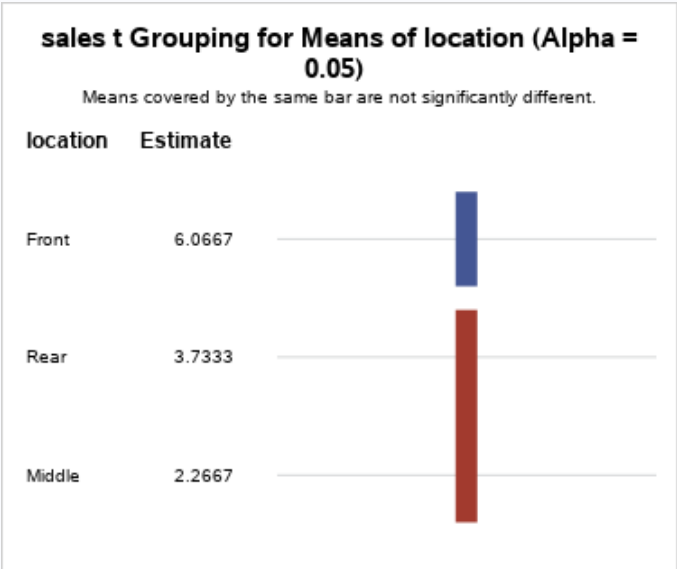


The ANOVA Procedure

t Tests (LSD) for sales

**Note:** This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	15
Error Mean Square	1.690667
Critical Value of t	2.13145
Least Significant Difference	1.6001



The GLM Procedure

Class Level Information
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Class	Classes	Information
Class	Levels	Values
location	3	Front Middle Rear

Number of Observations Read	18
Number of Observations Used	18

## The GLM Procedure

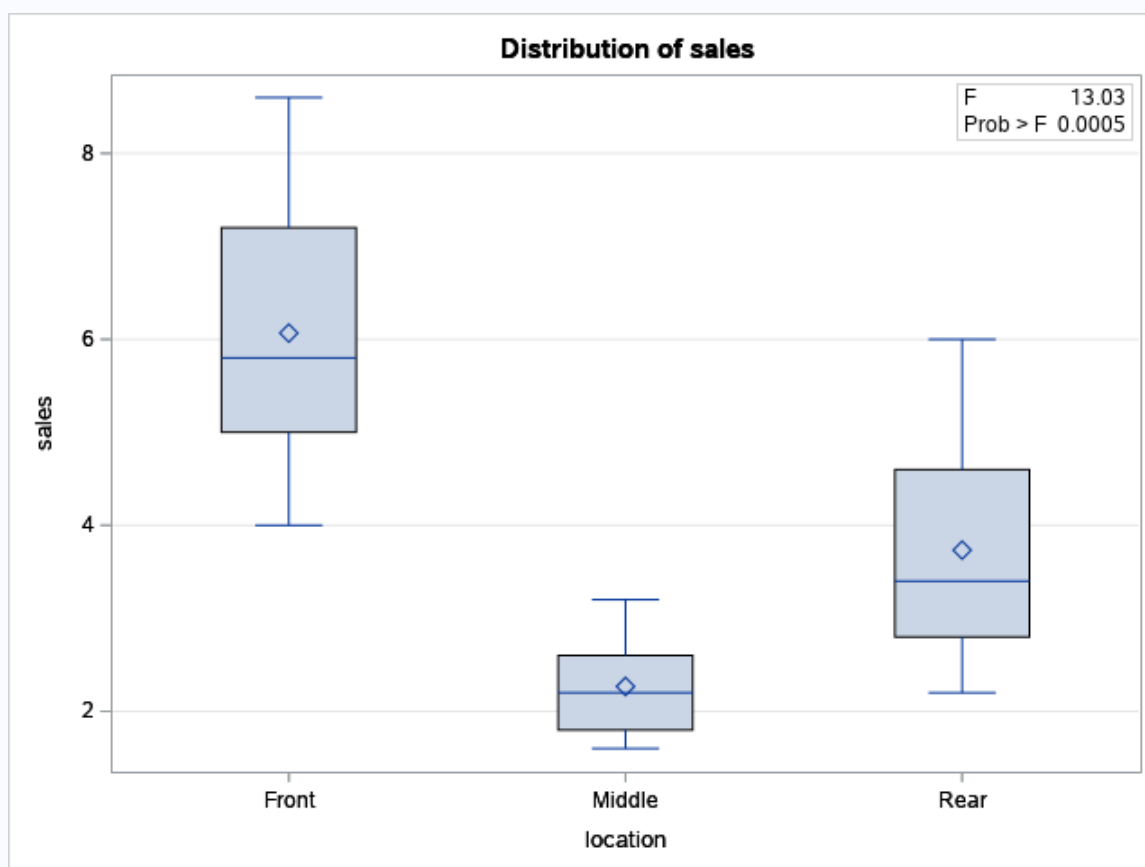
**Dependent Variable: sales**

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	44.07111111	22.03555556	13.03	0.0005
Error	15	25.36000000	1.69066667		
Corrected Total	17	69.43111111			

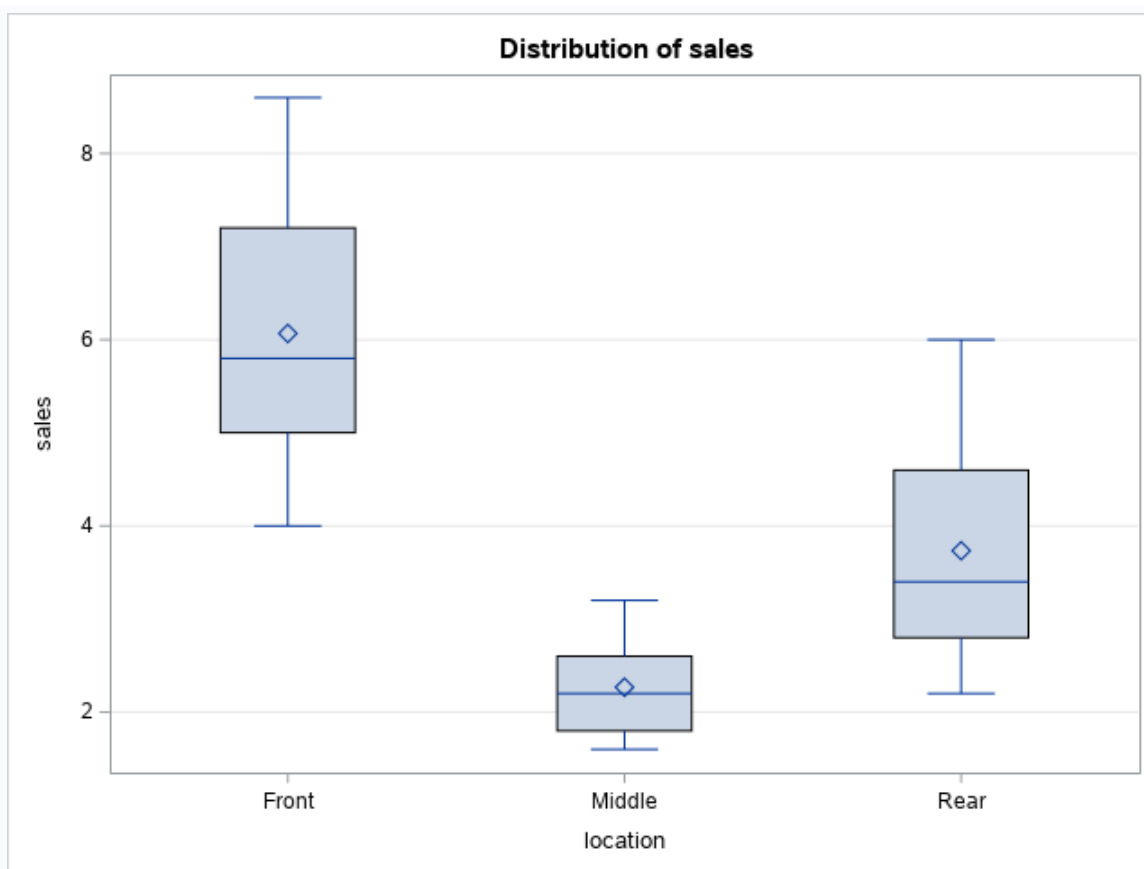
R-Square	Coeff Var	Root MSE	sales Mean
0.634746	32.32682	1.300256	4.022222

Source	DF	Type I SS	Mean Square	F Value	Pr > F
location	2	44.07111111	22.03555556	13.03	0.0005

Source	DF	Type III SS	Mean Square	F Value	Pr > F
location	2	44.07111111	22.03555556	13.03	0.0005



## The GLM Procedure



Level of location	N	sales	
		Mean	Std Dev
Front	6	6.06666667	1.64762455
Middle	6	2.26666667	0.58878406
Rear	6	3.73333333	1.41797978

#### The GLM Procedure

Dependent Variable: sales

Contrast	DF	Contrast SS	Mean Square	F Value	Pr > F
Middle vs Rear	1	6.45333333	6.45333333	3.82	0.0696
Front vs Middle and Rear	1	37.61777778	37.61777778	22.25	0.0003