

Obs	A	R	Y
1	1	1	10.8
2	1	2	9.9
3	1	3	10.7
4	1	4	10.4
5	1	5	9.7
6	2	1	10.7
7	2	2	10.6
8	2	3	11.0
9	2	4	10.8
10	2	5	10.9
11	3	1	11.9
12	3	2	11.2
13	3	3	11.0
14	3	4	11.1
15	3	5	11.3
16	4	1	11.4
17	4	2	10.7
18	4	3	10.9
19	4	4	11.3
20	4	5	11.7

## The GLM Procedure

Class Level Information		
Class	Levels	Values
A	4	1 2 3 4

Number of Observations Read	20
Number of Observations Used	20

## The GLM Procedure

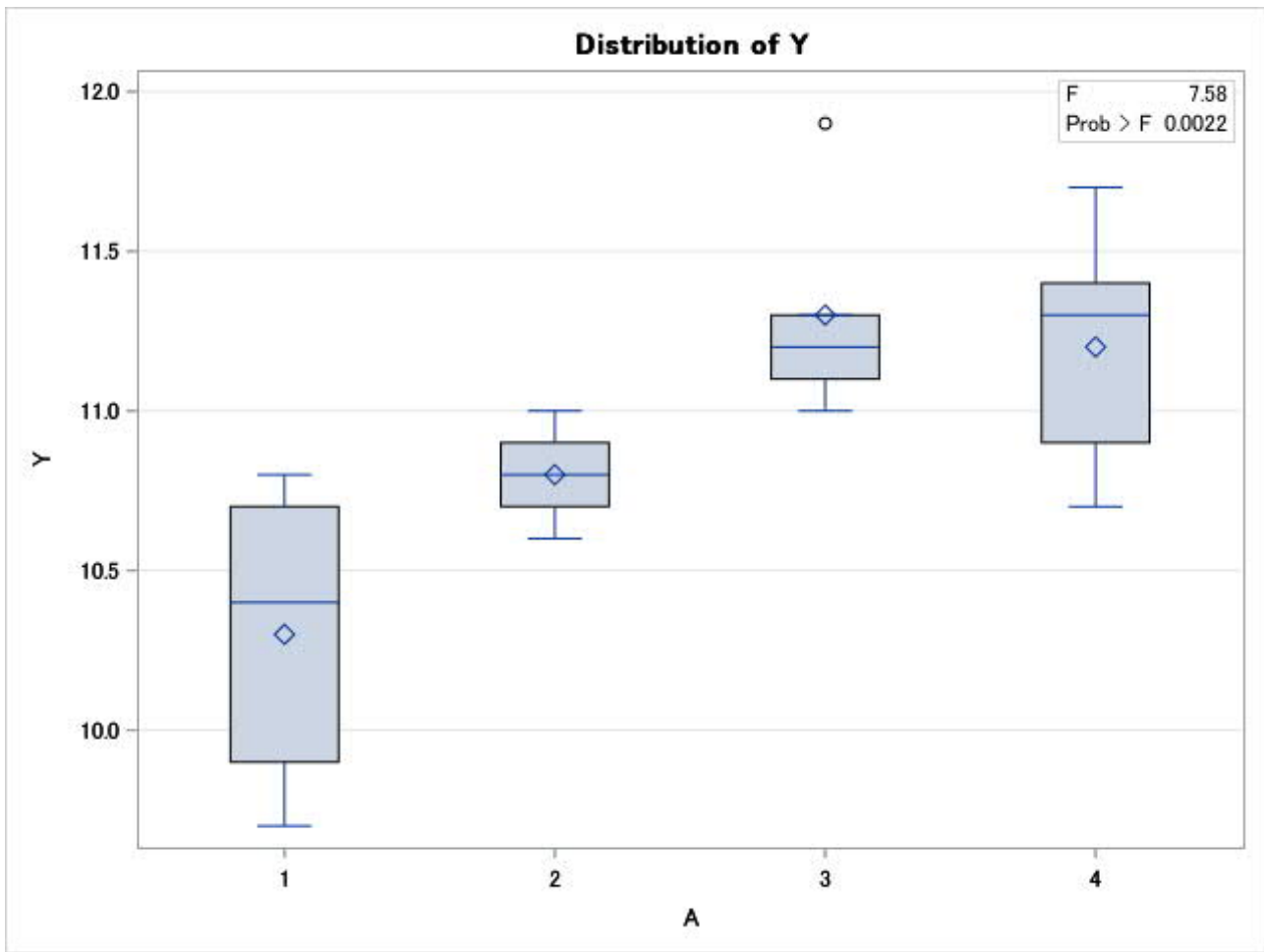
Dependent Variable: Y

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	3.10000000	1.03333333	7.58	0.0022
Error	16	2.18000000	0.13625000		
Corrected Total	19	5.28000000			

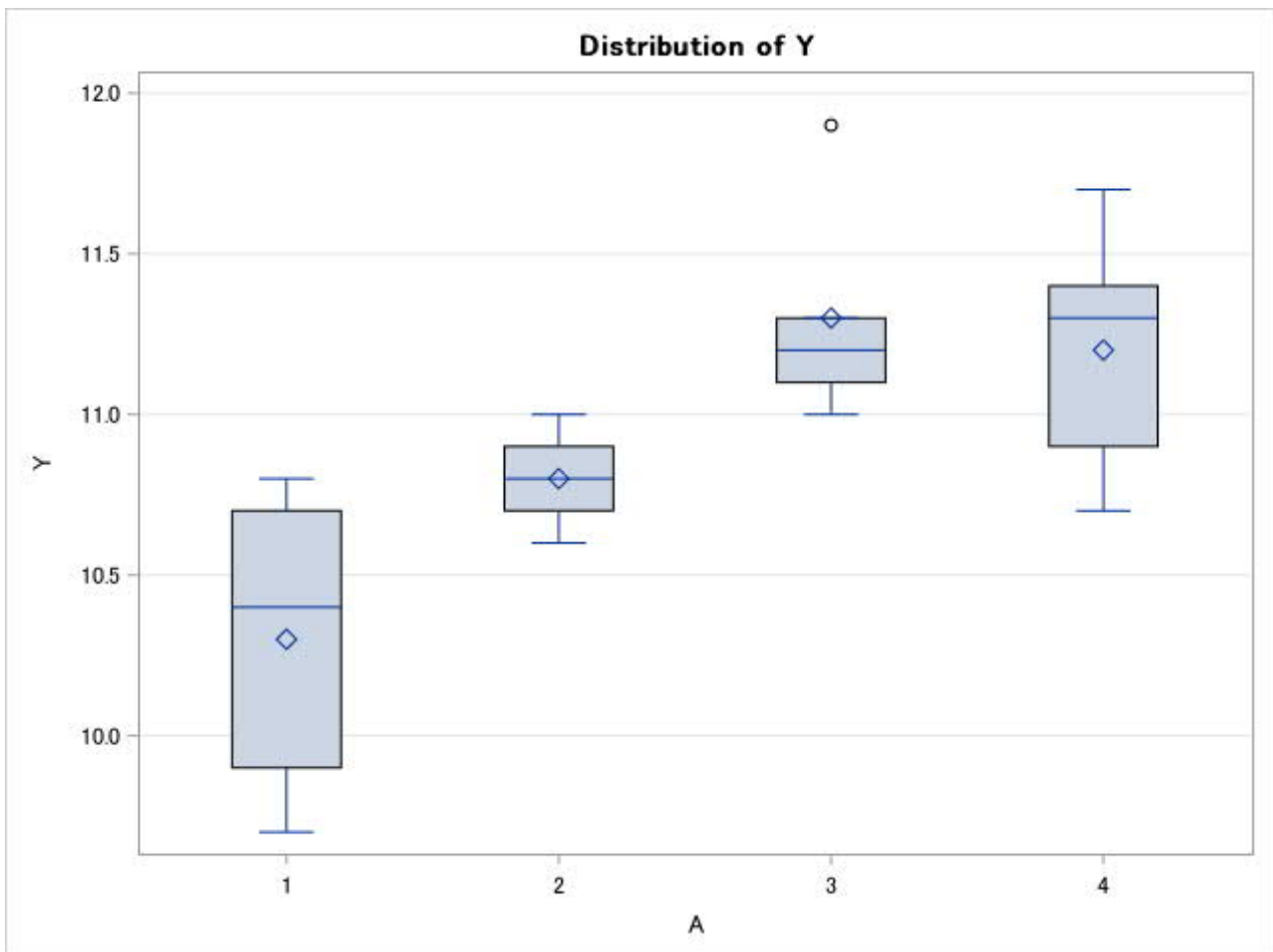
R-Square	Coeff Var	Root MSE	Y Mean
0.587121	3.386427	0.369121	10.90000

Source	DF	Type I SS	Mean Square	F Value	Pr > F
A	3	3.10000000	1.03333333	7.58	0.0022

Source	DF	Type III SS	Mean Square	F Value	Pr > F
A	3	3.10000000	1.03333333	7.58	0.0022



The GLM Procedure



## The GLM Procedure

## Tukey's Studentized Range (HSD) Test for Y

Note: This test controls the Type I experimentwise error rate, but it generally has a higher Type II error rate than REGWQ.

Alpha	0.05
Error Degrees of Freedom	16
Error Mean Square	0.13625
Critical Value of Studentized Range	4.04606
Minimum Significant Difference	0.6679

