

Obs	A	R	Y
1	1	1	42.0
2	1	2	41.8
3	1	3	40.8
4	1	4	41.4
5	1	5	41.0
6	2	1	41.4
7	2	2	41.5
8	2	3	41.1
9	2	4	41.6
10	2	5	41.9
11	3	1	41.1
12	3	2	40.8
13	3	3	40.2
14	3	4	41.5
15	3	5	41.4
16	4	1	40.5
17	4	2	40.4
18	4	3	39.9
19	4	4	39.7
20	4	5	41.0
21	5	1	41.2
22	5	2	40.9
23	5	3	40.7
24	5	4	41.3
25	5	5	41.0
26	6	1	40.5
27	6	2	40.3
28	6	3	41.0
29	6	4	39.9
30	6	5	40.4

The GLM Procedure

Class Level Information		
Class	Levels	Values
A	6	1 2 3 4 5 6

Number of Observations Read	30
Number of Observations Used	30

The GLM Procedure

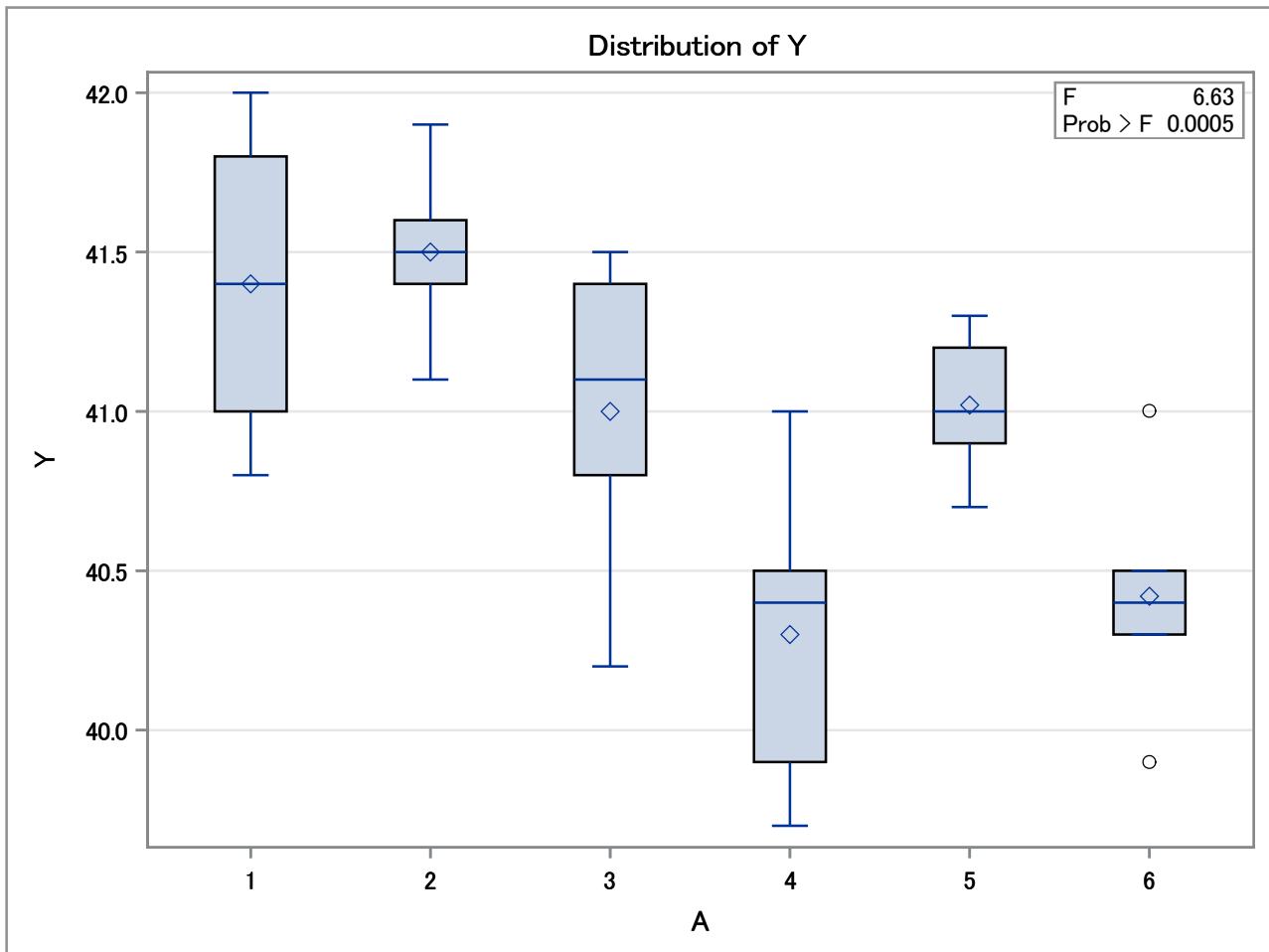
Dependent Variable: Y

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	6.07600000	1.21520000	6.63	0.0005
Error	24	4.39600000	0.18316667		
Corrected Total	29	10.47200000			

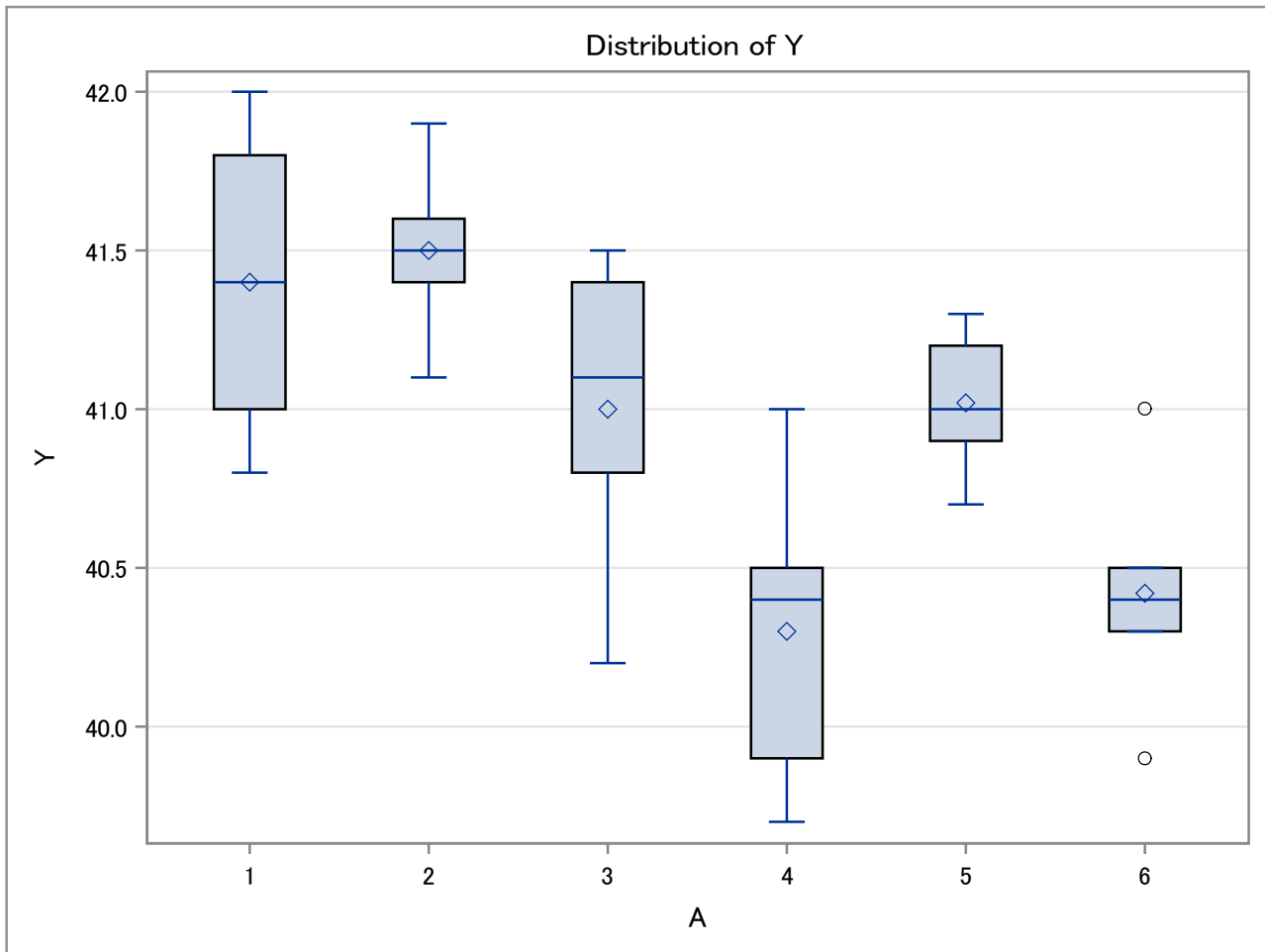
R-Square	Coeff Var	Root MSE	Y Mean
0.580214	1.045383	0.427980	40.94000

Source	DF	Type I SS	Mean Square	F Value	Pr > F
A	5	6.07600000	1.21520000	6.63	0.0005

Source	DF	Type III SS	Mean Square	F Value	Pr > F
A	5	6.07600000	1.21520000	6.63	0.0005



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	24
Error Mean Square	0.183167
Critical Value of Studentized Range	4.37265
Minimum Significant Difference	0.8369

