The ANOVA Procedure

Class Level Information		
Class	Levels	Values
n	6	500 1000 1500 2000 2500 3000

Number of Observations Read	24
Number of Observations Used	24

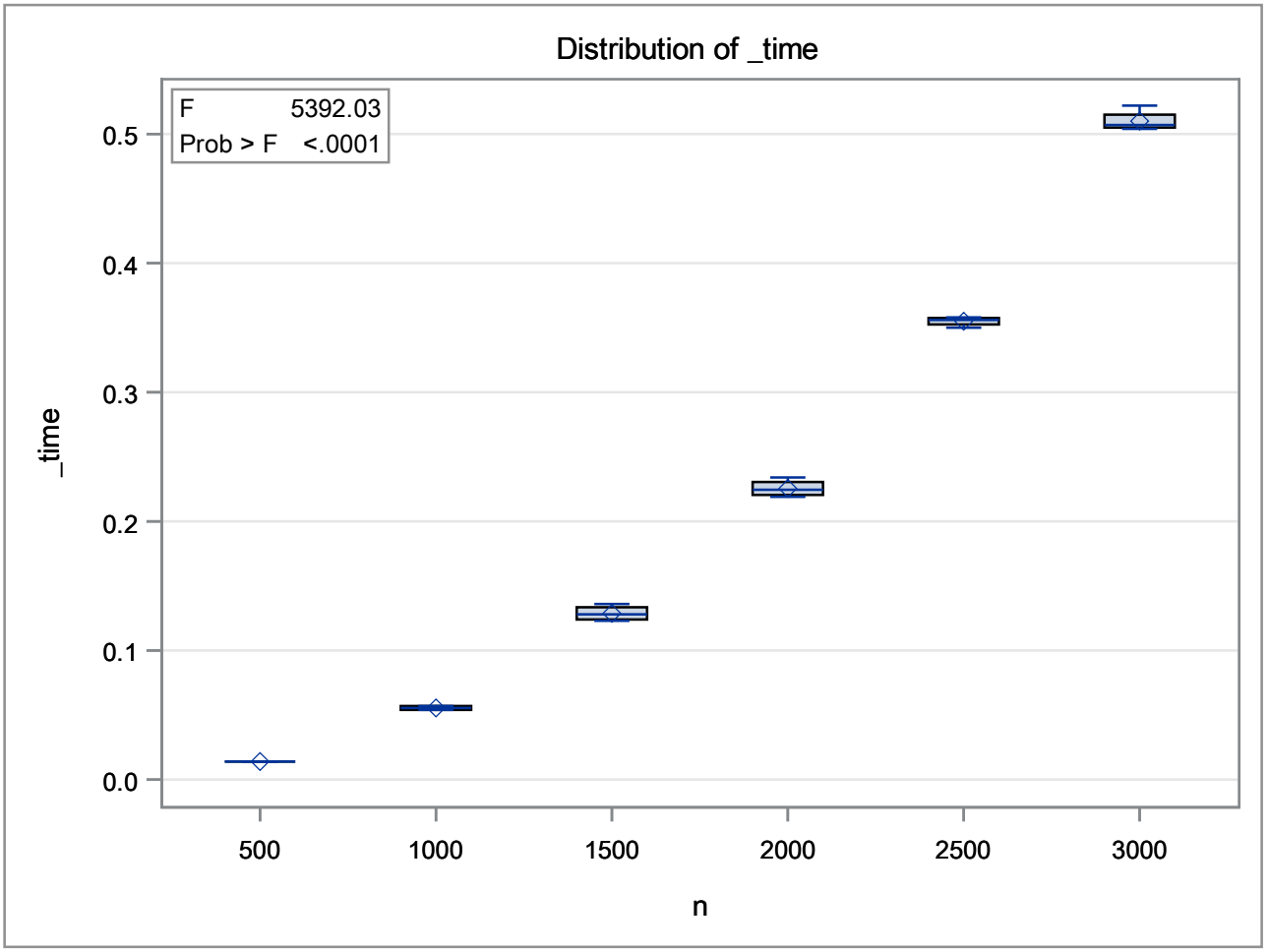
The ANOVA Procedure

Dependent Variable: _time

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	0.72006121	0.14401224	5392.03	<.0001
Error	18	0.00048075	0.00002671		
Corrected Total	23	0.72054196			

R-Square	Coeff Var	Root MSE	_time Mean
0.999333	2.406057	0.005168	0.214792

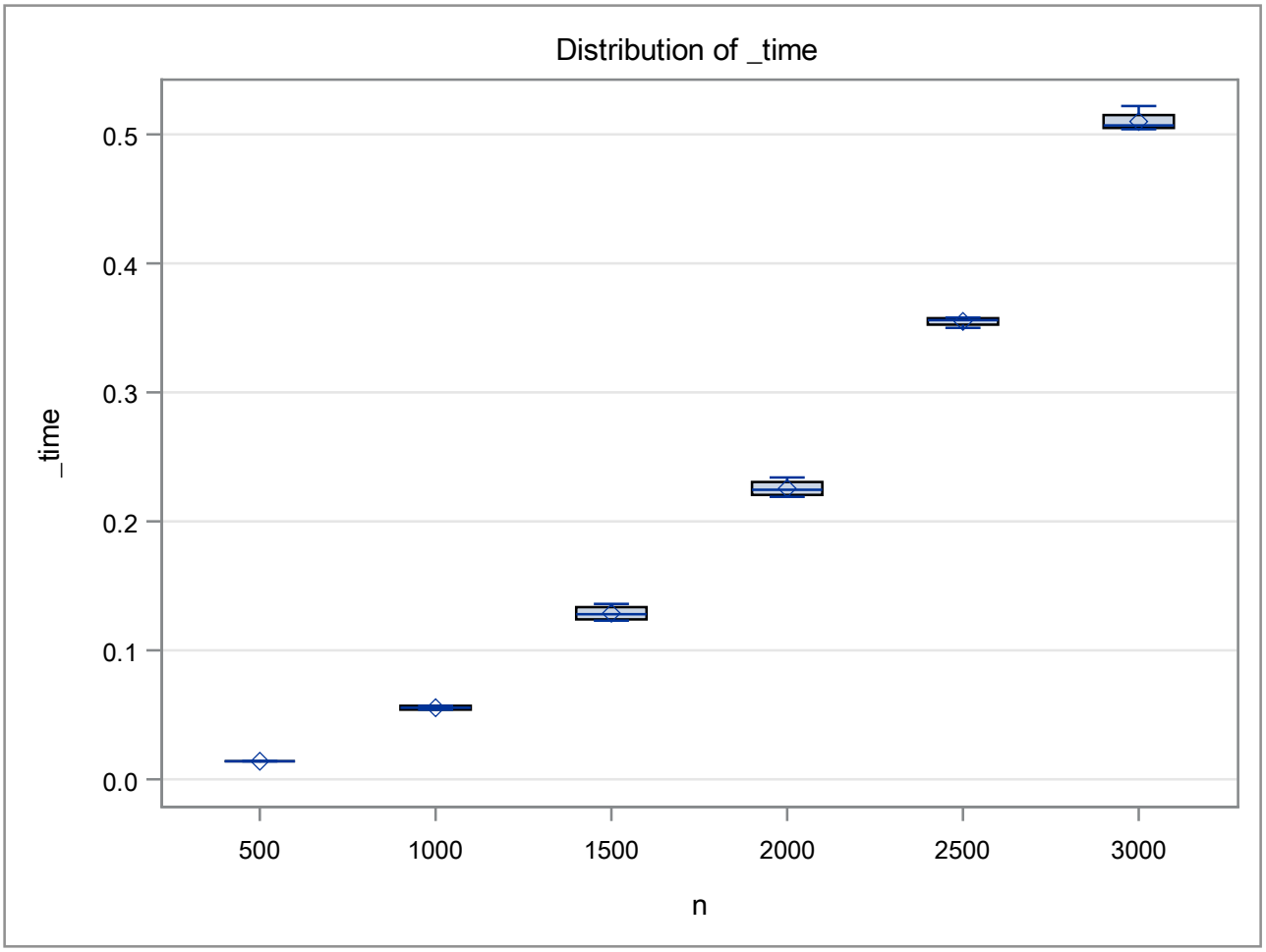
Source	DF	Anova SS	Mean Square	F Value	Pr > F
n	5	0.72006121	0.14401224	5392.03	<.0001



The ANOVA Procedure

Bartlett's Test for Homogeneity of _time Variance			
Source	DF	Chi-Square	Pr > ChiSq
n	4	5.7839	0.2159

The ANOVA Procedure



The ANOVA Procedure

t Tests (LSD) for _time

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

Alpha	0.1
Error Degrees of Freedom	18
Error Mean Square	0.000027
Critical Value of t	1.73406
Least Significant Difference	0.0063

Comparisons significant at the 0.1 level are indicated by ***.

n Comparison	Difference Between Means	90% Confidence Limits		
3000 - 2500	0.155000	0.148663	0.161337	***
3000 - 2000	0.284500	0.278163	0.290837	***
3000 - 1500	0.381250	0.374913	0.387587	***
3000 - 1000	0.454500	0.448163	0.460837	***
3000 - 500	0.496000	0.489663	0.502337	***
2500 - 3000	-0.155000	-0.161337	-0.148663	***
2500 - 2000	0.129500	0.123163	0.135837	***
2500 - 1500	0.226250	0.219913	0.232587	***
2500 - 1000	0.299500	0.293163	0.305837	***
2500 - 500	0.341000	0.334663	0.347337	***
2000 - 3000	-0.284500	-0.290837	-0.278163	***
2000 - 2500	-0.129500	-0.135837	-0.123163	***
2000 - 1500	0.096750	0.090413	0.103087	***
2000 - 1000	0.170000	0.163663	0.176337	***
2000 - 500	0.211500	0.205163	0.217837	***
1500 - 3000	-0.381250	-0.387587	-0.374913	***
1500 - 2500	-0.226250	-0.232587	-0.219913	***
1500 - 2000	-0.096750	-0.103087	-0.090413	***
1500 - 1000	0.073250	0.066913	0.079587	***
1500 - 500	0.114750	0.108413	0.121087	***
1000 - 3000	-0.454500	-0.460837	-0.448163	***
1000 - 2500	-0.299500	-0.305837	-0.293163	***
1000 - 2000	-0.170000	-0.176337	-0.163663	***
1000 - 1500	-0.073250	-0.079587	-0.066913	***

The ANOVA Procedure

t Tests (LSD) for _time

Comparisons significant at the 0.1 level are indicated by ***.				
n Comparison	Difference Between Means	90% Confidence Limits		
1000 - 500	0.041500	0.035163	0.047837	***
500 - 3000	-0.496000	-0.502337	-0.489663	***
500 - 2500	-0.341000	-0.347337	-0.334663	***
500 - 2000	-0.211500	-0.217837	-0.205163	***
500 - 1500	-0.114750	-0.121087	-0.108413	***
500 - 1000	-0.041500	-0.047837	-0.035163	***

The ANOVA Procedure

t Tests (LSD) for _time

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

Alpha	0.1
Error Degrees of Freedom	18
Error Mean Square	0.000027
Critical Value of t	1.73406
Least Significant Difference	0.0063

Means with the same letter are not significantly different.

t Grouping	Mean	N	n
A	0.510000	4	3000
B	0.355000	4	2500
C	0.225500	4	2000
D	0.128750	4	1500
E	0.055500	4	1000
F	0.014000	4	500

The REG Procedure
Model: MODEL1
Dependent Variable: _time

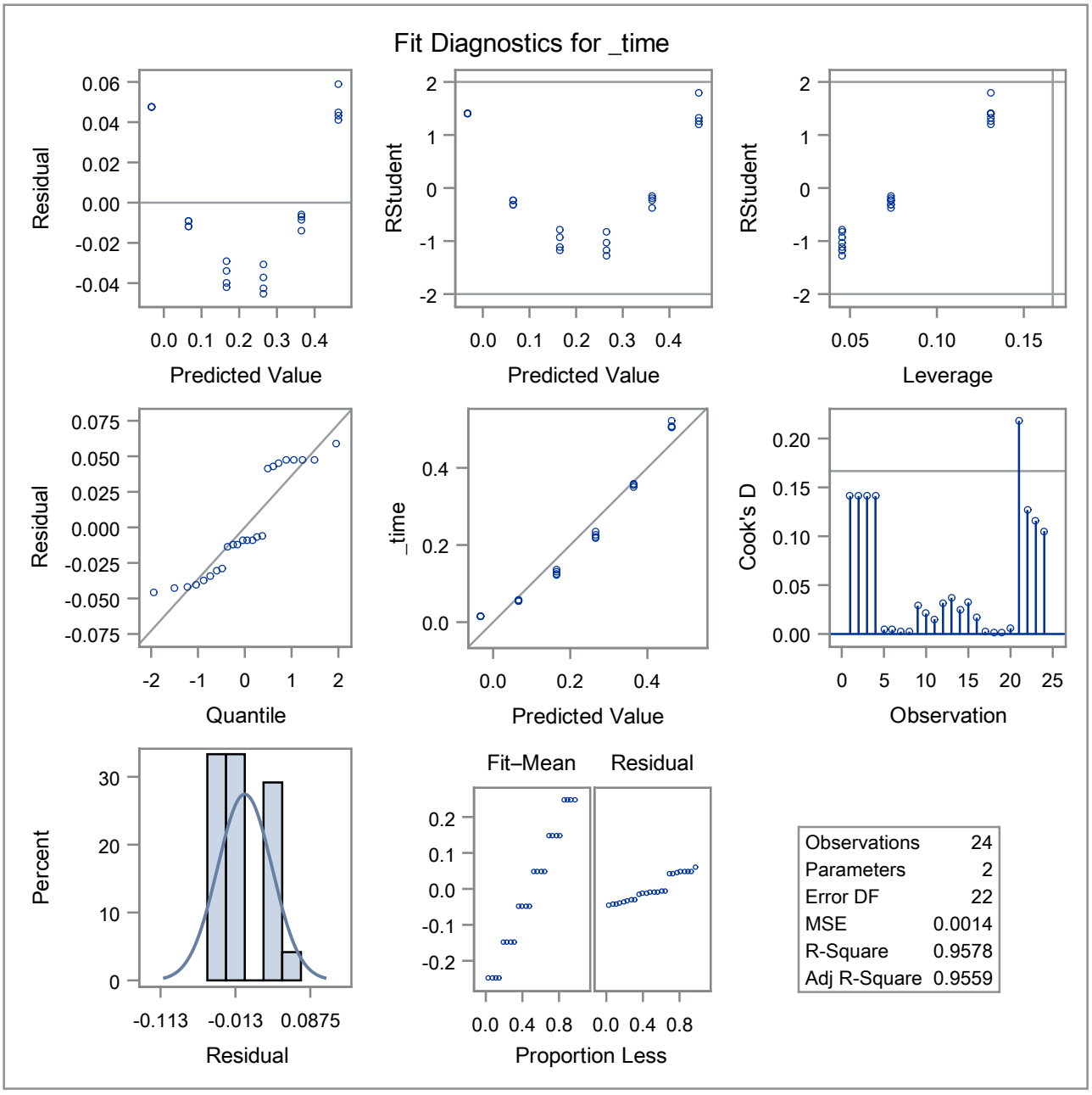
Number of Observations Read	24
Number of Observations Used	24

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	0.69014	0.69014	499.33	<.0001
Error	22	0.03041	0.00138		
Corrected Total	23	0.72054			

Root MSE	0.03718	R-Square	0.9578
Dependent Mean	0.21479	Adj R-Sq	0.9559
Coeff Var	17.30843		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	-0.13273	0.01730	-7.67	<.0001
n	1	0.00019859	0.00000889	22.35	<.0001

The REG Procedure
Model: MODEL1
Dependent Variable: _time



The REG Procedure
Model: MODEL1
Dependent Variable: _time