

The REG Procedure
Model: MODEL1
Dependent Variable: Y

Number of Observations Read	10
Number of Observations Used	10

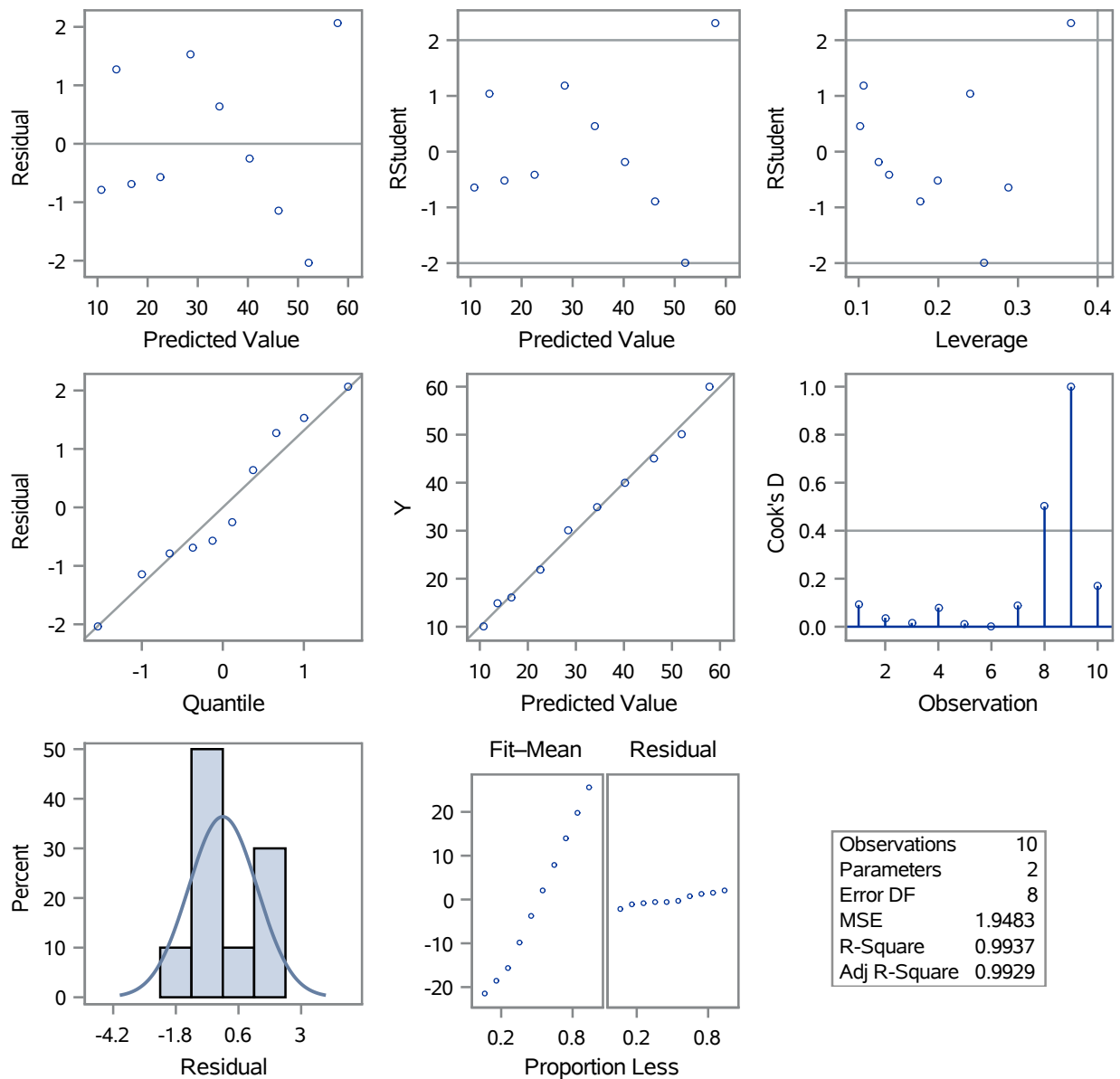
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	2466.51323	2466.51323	1265.95	<.0001
Error	8	15.58677	1.94835		
Corrected Total	9	2482.10000			

Root MSE	1.39583	R-Square	0.9937
Dependent Mean	32.30000	Adj R-Sq	0.9929
Coeff Var	4.32146		

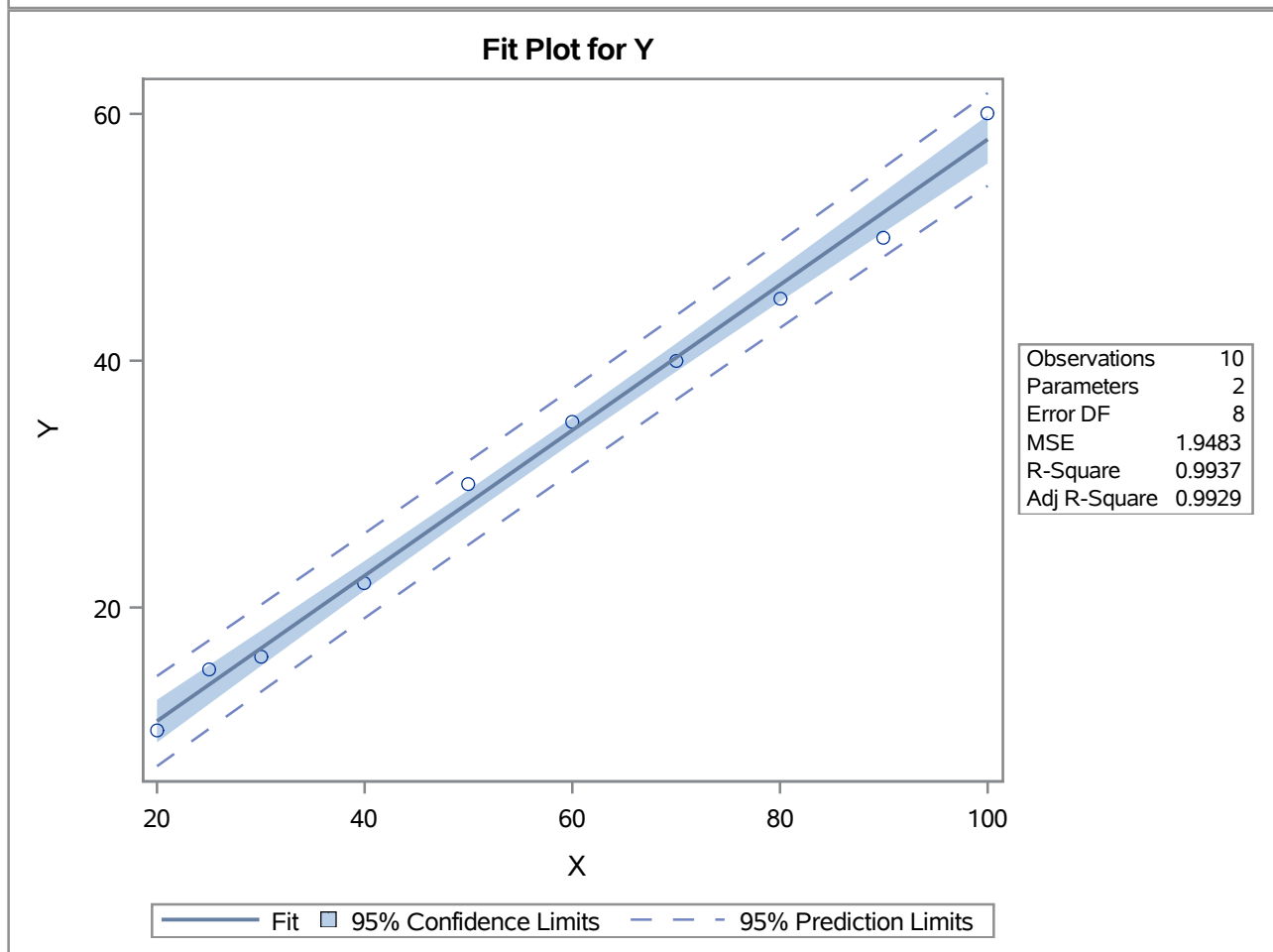
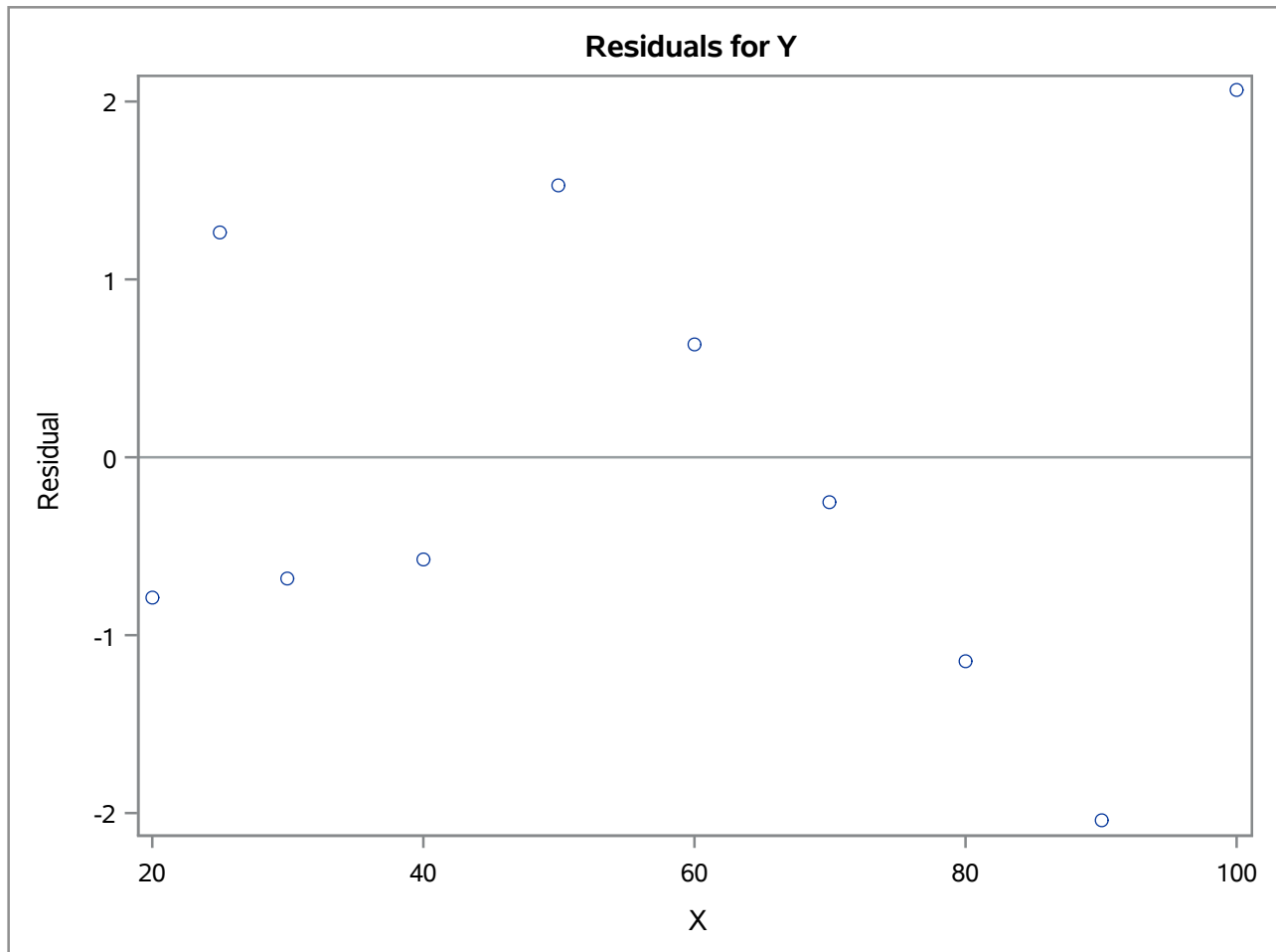
Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-0.99542	1.03466	-0.96	0.3642
X	1	0.58930	0.01656	35.58	<.0001

The REG Procedure
Model: MODEL1
Dependent Variable: Y

Fit Diagnostics for Y



The REG Procedure
Model: MODEL1
Dependent Variable: Y



The ANOVA Procedure

Class Level Information		
Class	Levels	Values
COLOR	4	BLU GRE RED YEL

Number of Observations Read	40
Number of Observations Used	40

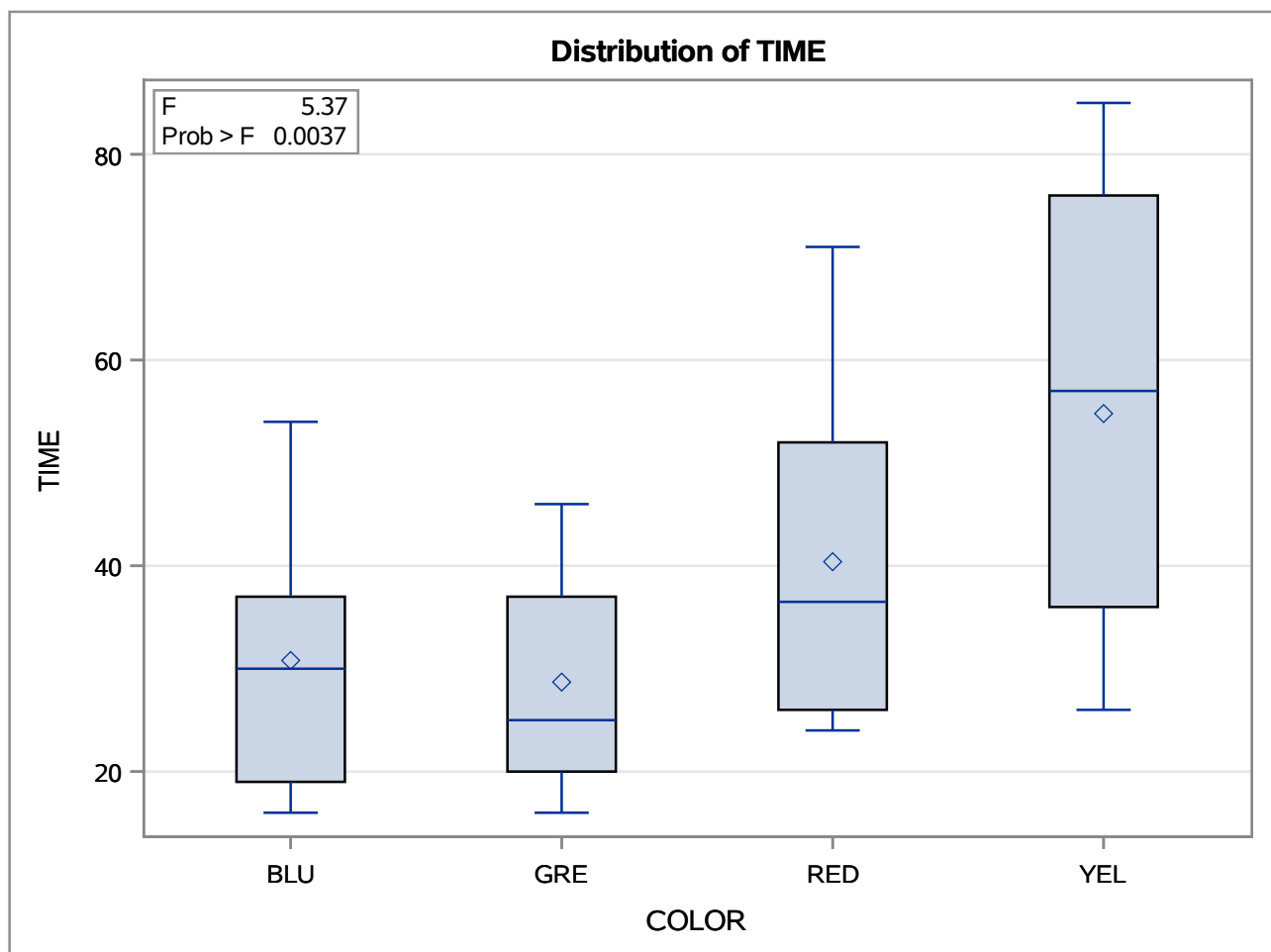
The ANOVA Procedure

Dependent Variable: TIME

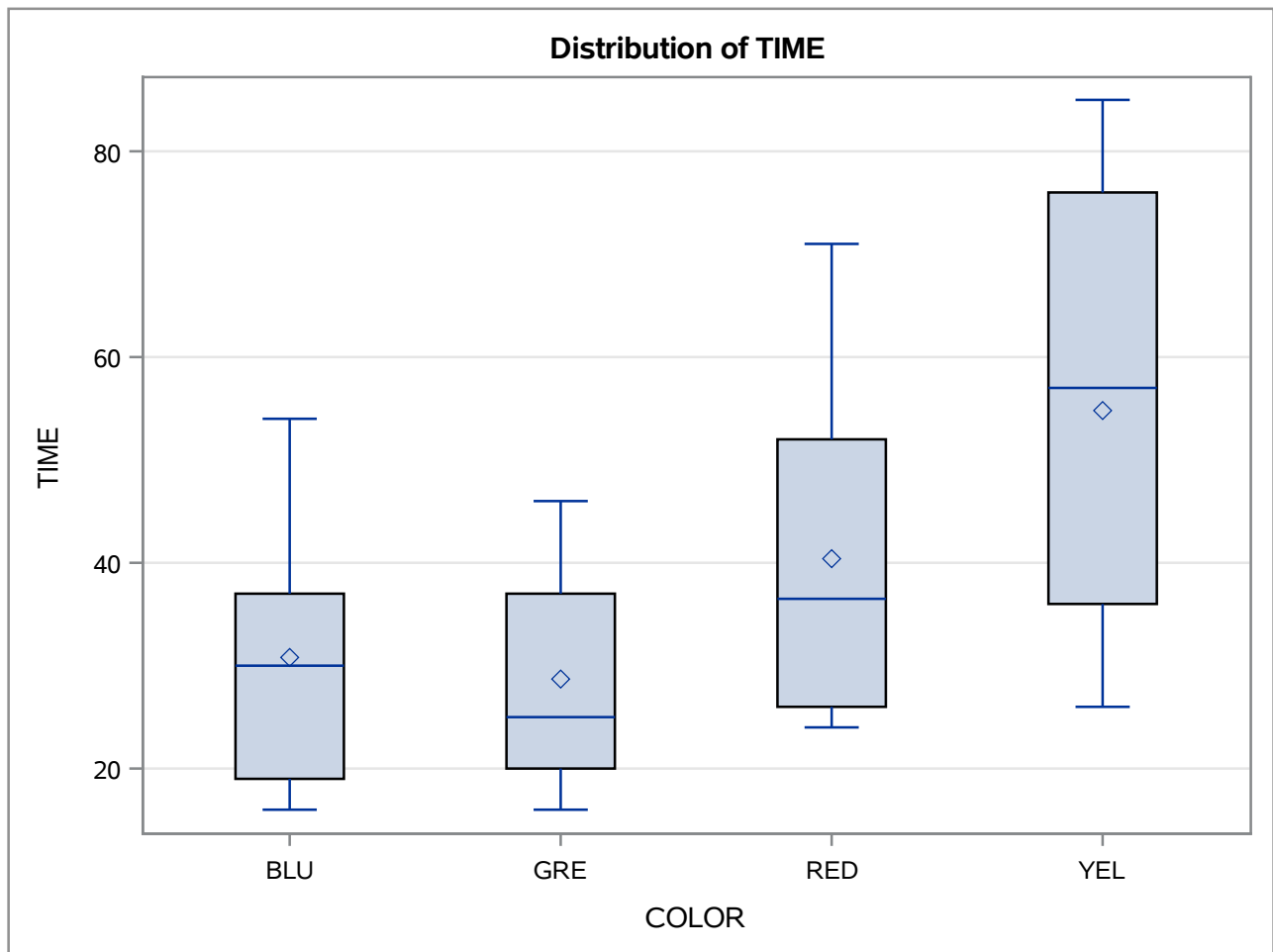
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	4245.07500	1415.02500	5.37	0.0037
Error	36	9487.70000	263.54722		
Corrected Total	39	13732.77500			

R-Square	Coeff Var	Root MSE	TIME Mean
0.309120	41.97579	16.23414	38.67500

Source	DF	Anova SS	Mean Square	F Value	Pr > F
COLOR	3	4245.075000	1415.025000	5.37	0.0037



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	0.05
Error Degrees of Freedom	36
Error Mean Square	263.5472
Critical Value of t	2.02809
Least Significant Difference	14.724

Comparisons significant at the 0.05 level are indicated by ***.				
COLOR Comparison	Difference Between Means	95% Confidence Limits		
YEL - RED	14.400	-0.324	29.124	
YEL - BLU	24.000	9.276	38.724	***
YEL - GRE	26.100	11.376	40.824	***
RED - YEL	-14.400	-29.124	0.324	
RED - BLU	9.600	-5.124	24.324	
RED - GRE	11.700	-3.024	26.424	
BLU - YEL	-24.000	-38.724	-9.276	***
BLU - RED	-9.600	-24.324	5.124	
BLU - GRE	2.100	-12.624	16.824	
GRE - YEL	-26.100	-40.824	-11.376	***
GRE - RED	-11.700	-26.424	3.024	
GRE - BLU	-2.100	-16.824	12.624	

The CORR Procedure

4 Variables:	Q3	Q4	Q5	Q6
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Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
Q3	26	3.65385	0.89184	95.00000	2.00000	5.00000
Q4	26	3.38462	0.89786	88.00000	2.00000	5.00000
Q5	26	3.46154	1.02882	90.00000	2.00000	5.00000
Q6	26	4.03846	0.91568	105.00000	1.00000	5.00000

Cronbach Coefficient Alpha	
Variables	Alpha
Raw	0.733650
Standardized	0.733363

Cronbach Coefficient Alpha with Deleted Variable				
Deleted Variable	Raw Variables		Standardized Variables	
	Correlation with Total	Alpha	Correlation with Total	Alpha
Q3	0.737463	0.549585	0.723081	0.550755
Q4	0.719277	0.559814	0.720319	0.552562
Q5	0.662960	0.583590	0.667049	0.586816
Q6	0.094238	0.886154	0.097444	0.888636

Pearson Correlation Coefficients, N = 26 Prob > r under H0: Rho=0				
	Q3	Q4	Q5	Q6
Q3	1.00000	0.72240 <.0001	0.83501 <.0001	0.01696 0.9345
Q4	0.72240 <.0001	1.00000	0.62289 0.0007	0.22455 0.2701
Q5	0.83501 <.0001	0.62289 0.0007	1.00000	0.02286 0.9117
Q6	0.01696 0.9345	0.22455 0.2701	0.02286 0.9117	1.00000

The ANOVA Procedure

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

Number of Observations Read	26
Number of Observations Used	26

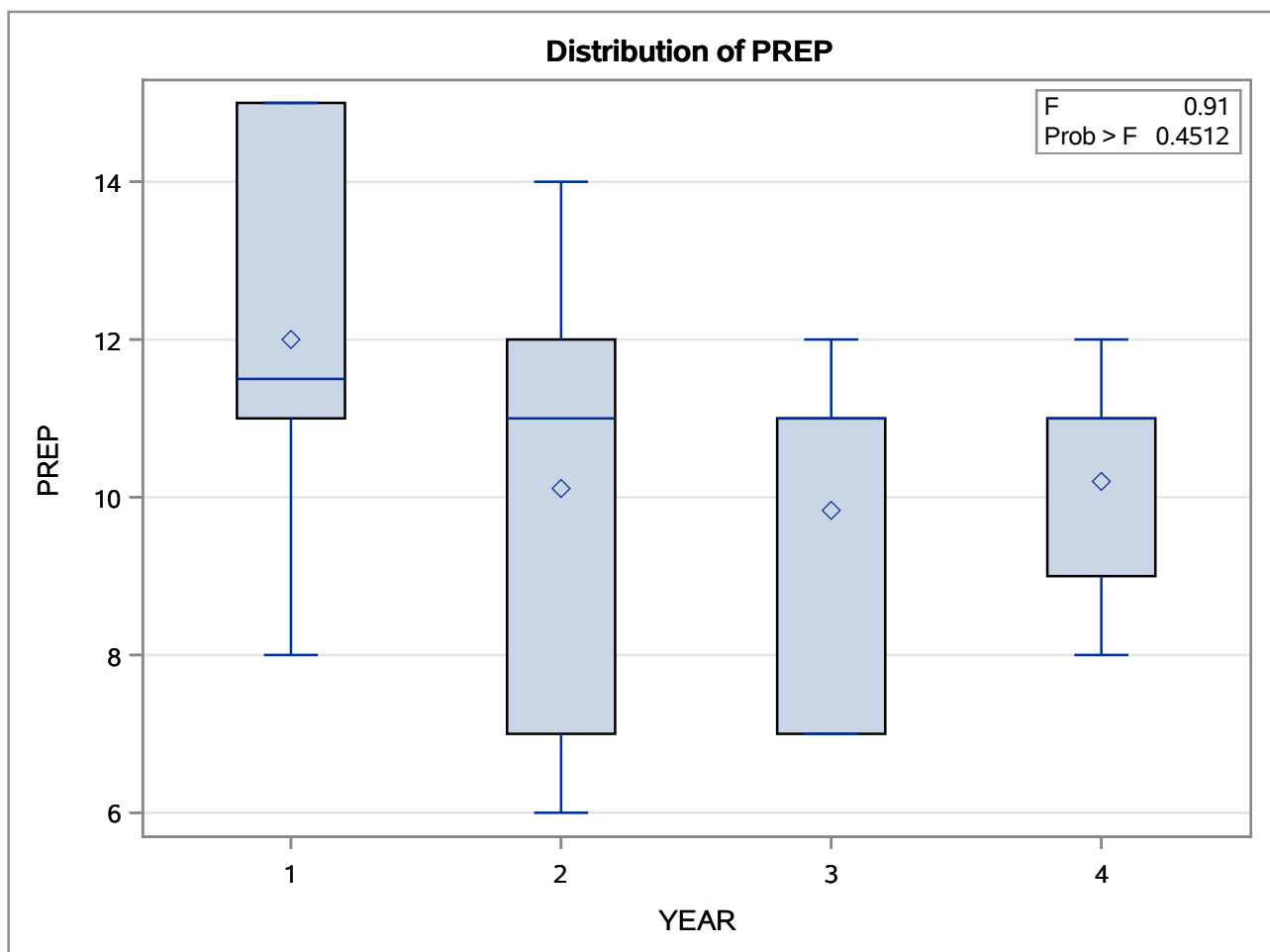
The ANOVA Procedure

Dependent Variable: PREP

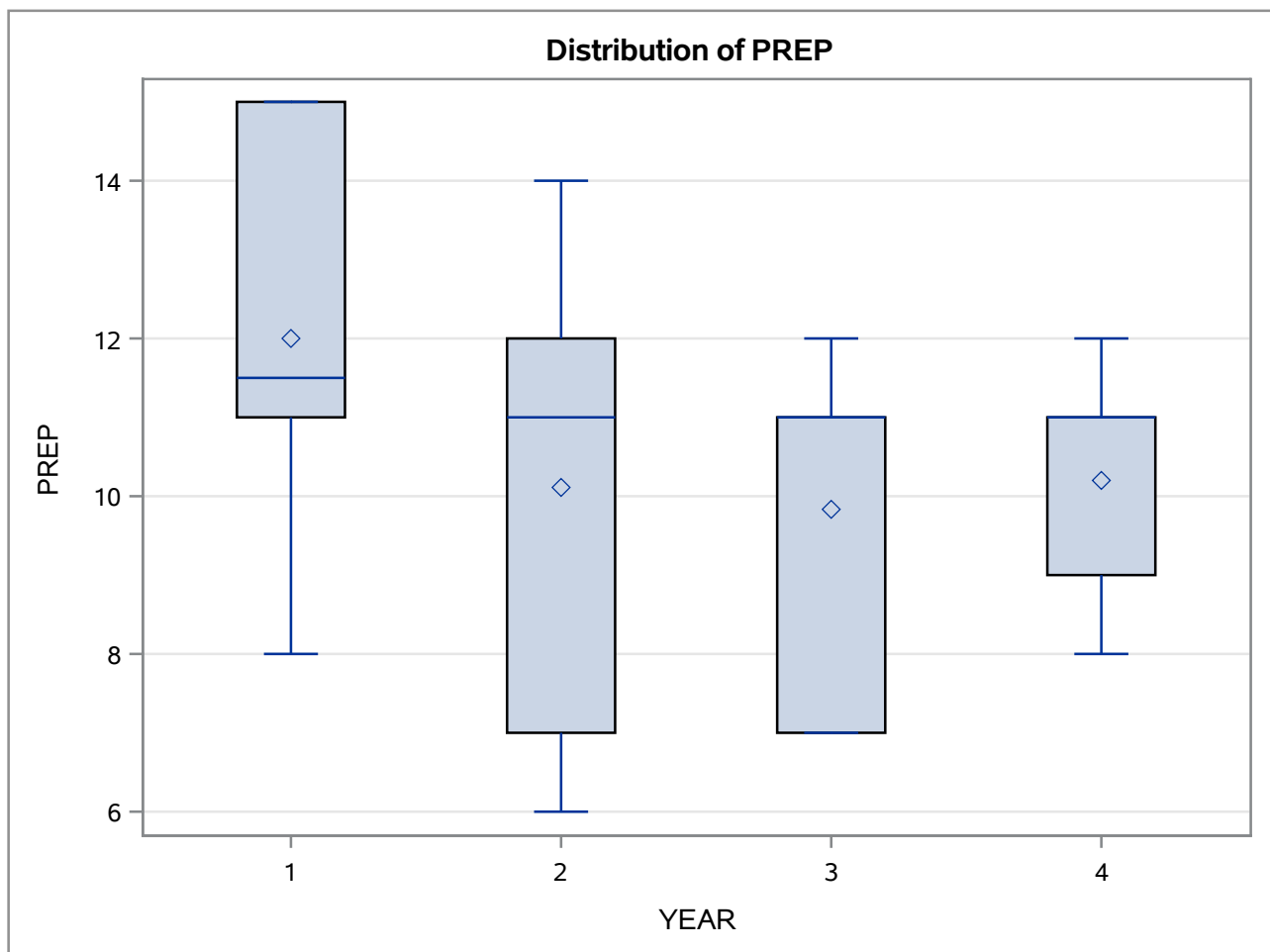
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	17.9777778	5.9925926	0.91	0.4512
Error	22	144.5222222	6.5691919		
Corrected Total	25	162.5000000			

R-Square	Coeff Var	Root MSE	PREP Mean
0.110632	24.40994	2.563043	10.50000

Source	DF	Anova SS	Mean Square	F Value	Pr > F
YEAR	3	17.9777778	5.99259259	0.91	0.4512



The ANOVA Procedure



The ANOVA Procedure

t Tests (LSD) for PREP

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

Alpha	0.05
Error Degrees of Freedom	22
Error Mean Square	6.569192
Critical Value of t	2.07387

Comparisons significant at the 0.05 level are indicated by ***.				
YEAR Comparison	Difference Between Means	95% Confidence Limits		
1 - 4	1.800	-1.419	5.019	
1 - 2	1.889	-0.913	4.690	
1 - 3	2.167	-0.902	5.236	
4 - 1	-1.800	-5.019	1.419	
4 - 2	0.089	-2.876	3.054	
4 - 3	0.367	-2.852	3.585	
2 - 1	-1.889	-4.690	0.913	
2 - 4	-0.089	-3.054	2.876	
2 - 3	0.278	-2.524	3.079	
3 - 1	-2.167	-5.236	0.902	
3 - 4	-0.367	-3.585	2.852	
3 - 2	-0.278	-3.079	2.524	

The REG Procedure
Model: MODEL1
Dependent Variable: Q12

Number of Observations Read	26
Number of Observations Used	26

Stepwise Selection: Step 1

Variable PREP Entered: R-Square = 0.5378 and C(p) = 1.6016

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	6.70154	6.70154	27.92	<.0001
Error	24	5.76000	0.24000		
Corrected Total	25	12.46154			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	1.32923	0.41480	2.46450	10.27	0.0038
PREP	0.20308	0.03843	6.70154	27.92	<.0001

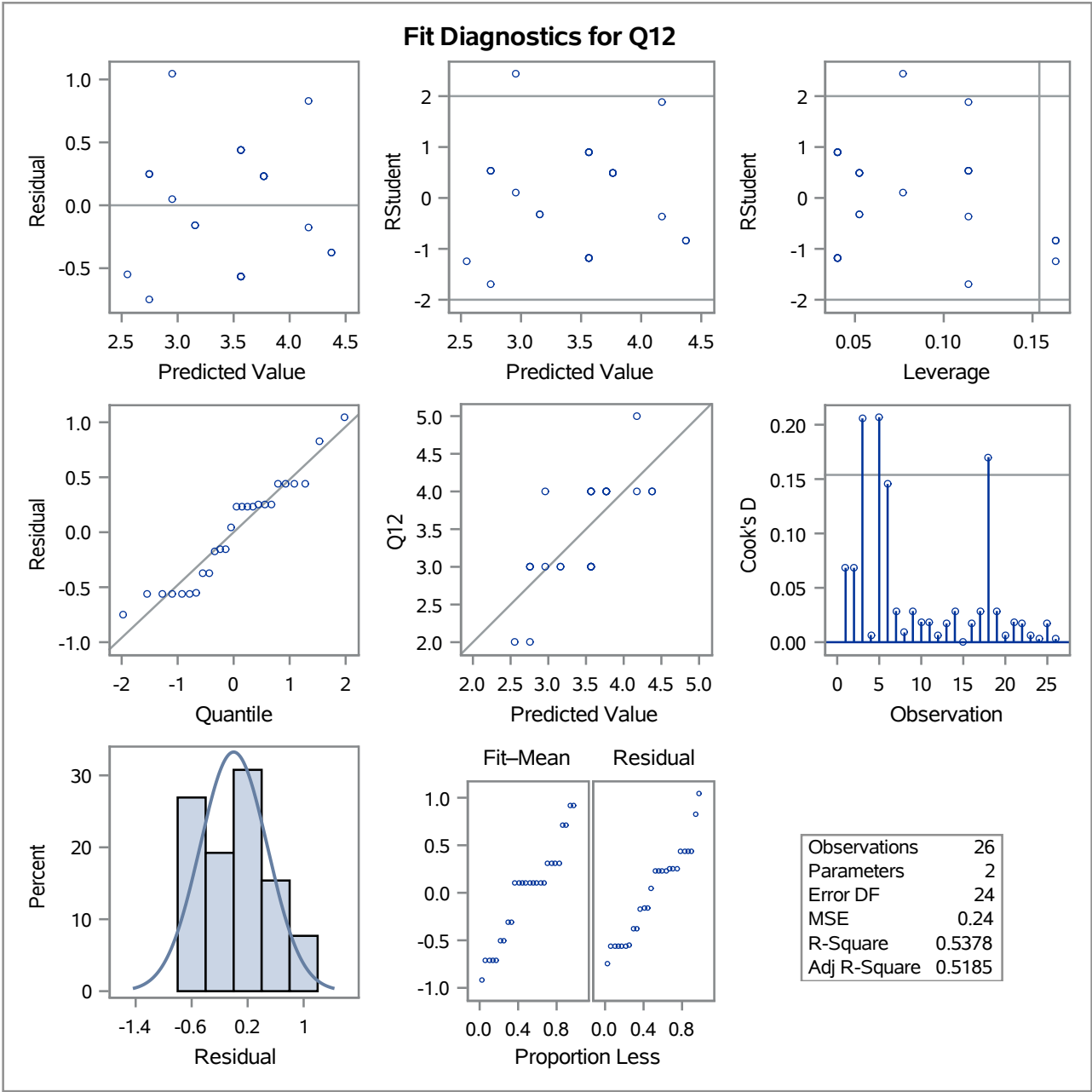
Bounds on condition number: 1, 1

All variables left in the model are significant at the 0.1500 level.

No other variable met the 0.1500 significance level for entry into the model.

Summary of Stepwise Selection								
Step	Variable Entered	Variable Removed	Number Vars In	Partial R-Square	Model R-Square	C(p)	F Value	Pr > F
1	PREP		1	0.5378	0.5378	1.6016	27.92	<.0001

The REG Procedure
Model: MODEL1
Dependent Variable: Q12



The REG Procedure
Model: MODEL1
Dependent Variable: Q12

