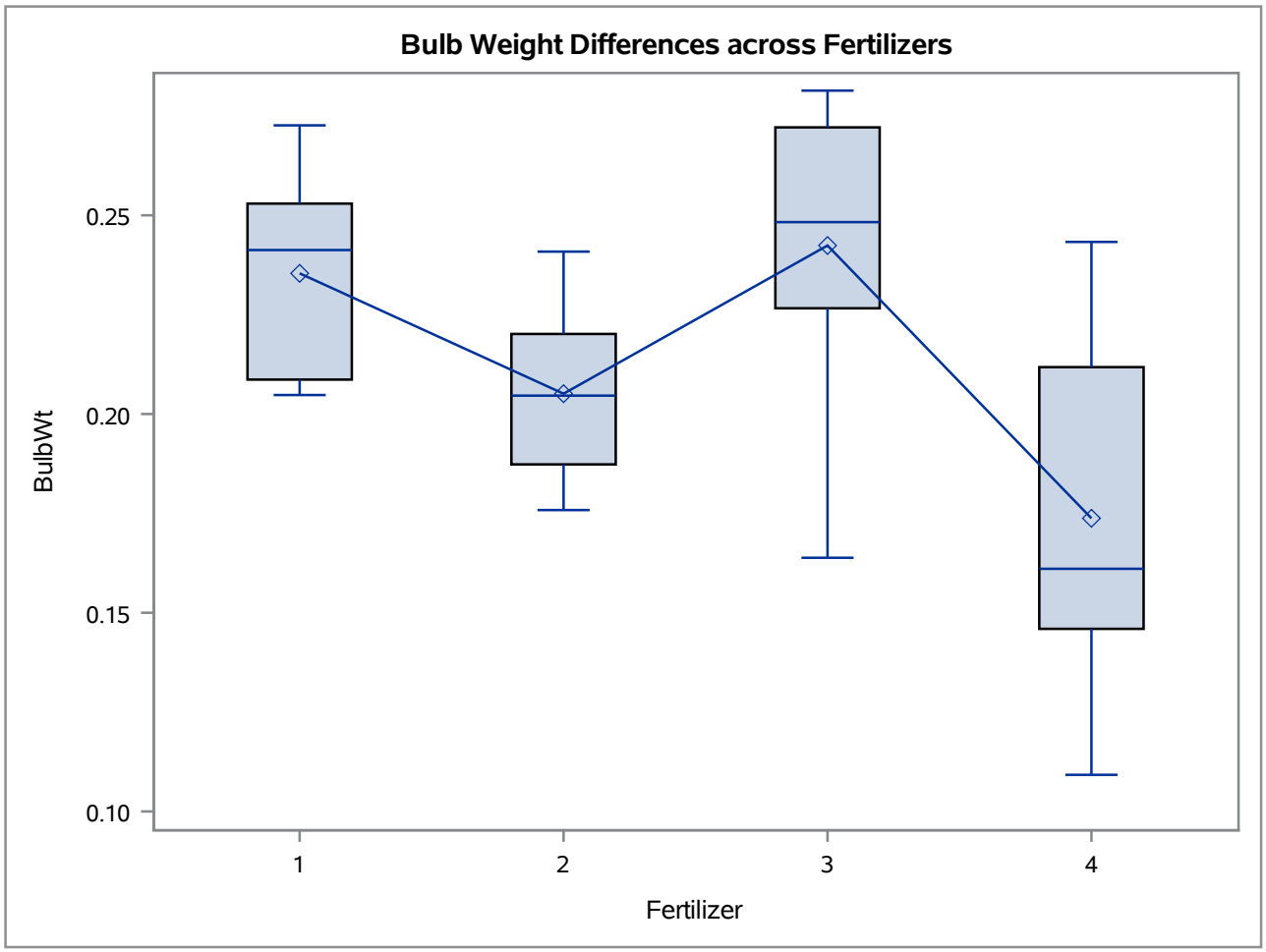
Descriptive Statistics of BulbWt by Fertilizer

Analysis Variable : BulbWt						
Fertilizer	N Obs	N	Mean	Std Dev	Minimum	Maximum
1	8	8	0.2353998	0.0254092	0.2047856	0.2726395
2	8	8	0.2051141	0.0222098	0.1758361	0.2408676
3	8	8	0.2424075	0.0386855	0.1638284	0.2813780
4	8	8	0.1737649	0.0444702	0.1092144	0.2433058


Bulb Weight Differences across Fertilizers
BulbWt
0.25
0.20
0.15
0.10
1
2
3
4
Fertilizer

One-Way ANOVA with Fertilizer as Predictor

Class Level Information		
Class	**Levels**	**Values**
Fertilizer	4	1 2 3 4

Number of Observations Read	32
Number of Observations Used	32

One-Way ANOVA with Fertilizer as Predictor

Dependent Variable: BulbWt

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	0.02370114	0.00790038	6.85	0.0013
Error	28	0.03229141	0.00115326		
Corrected Total	31	0.05599255			

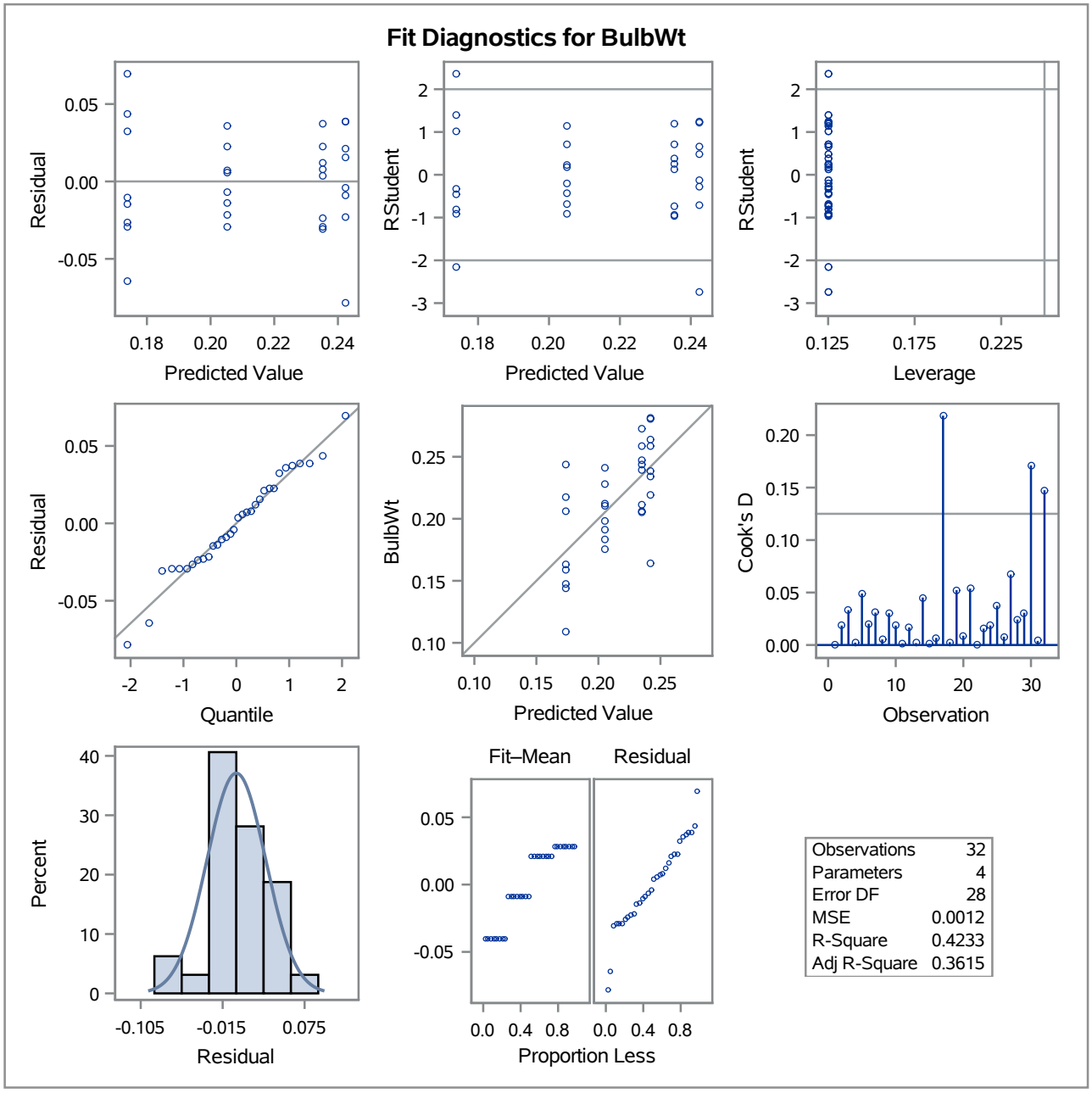
R-Square	Coeff Var	Root MSE	BulbWt Mean
0.423291	15.85633	0.033960	0.214172

Source	DF	Type I SS	Mean Square	F Value	Pr > F
Fertilizer	3	0.02370114	0.00790038	6.85	0.0013

Source	DF	Type III SS	Mean Square	F Value	Pr > F
Fertilizer	3	0.02370114	0.00790038	6.85	0.0013

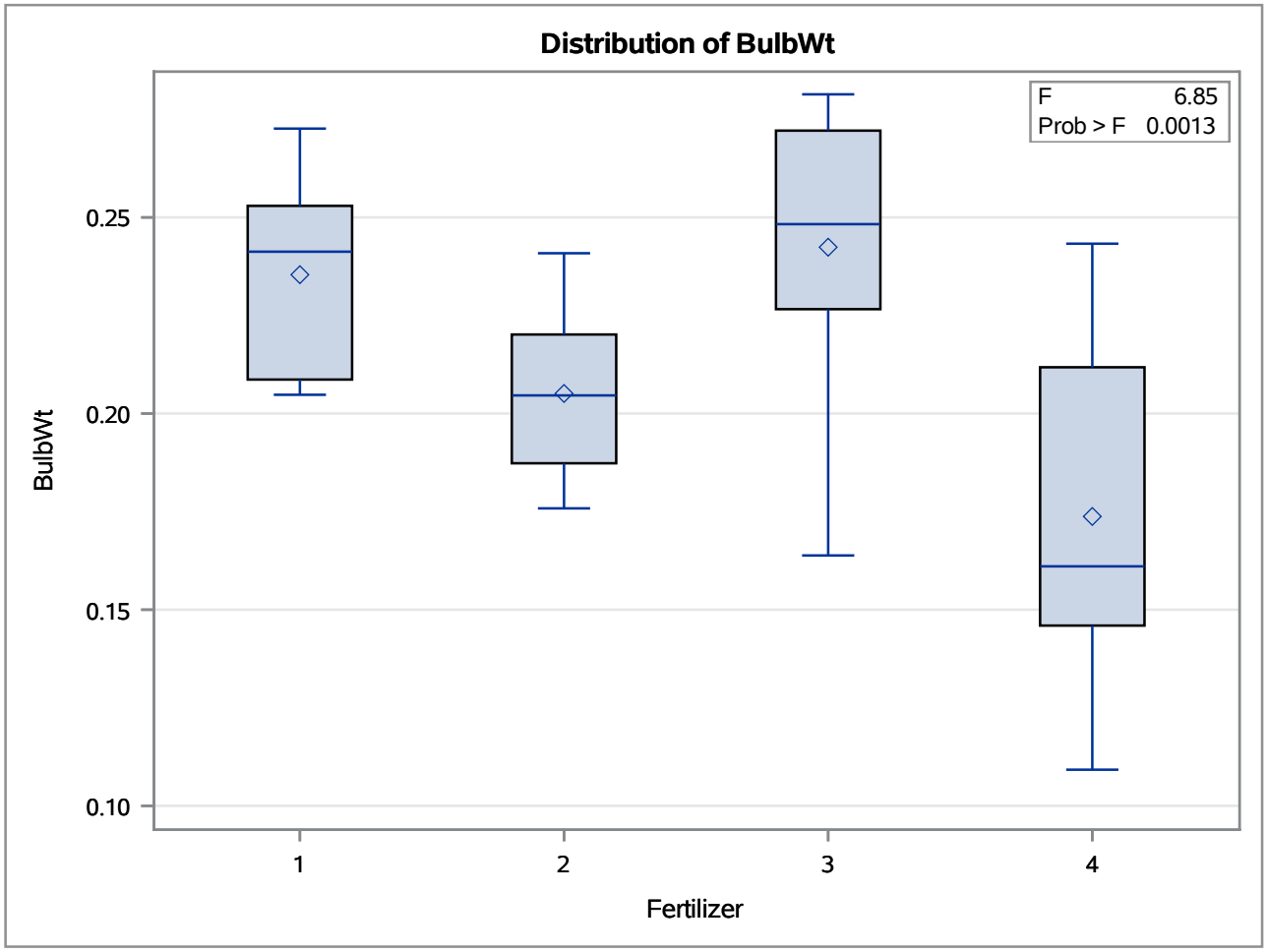
One-Way ANOVA with Fertilizer as Predictor

Dependent Variable: BulbWt



One-Way ANOVA with Fertilizer as Predictor

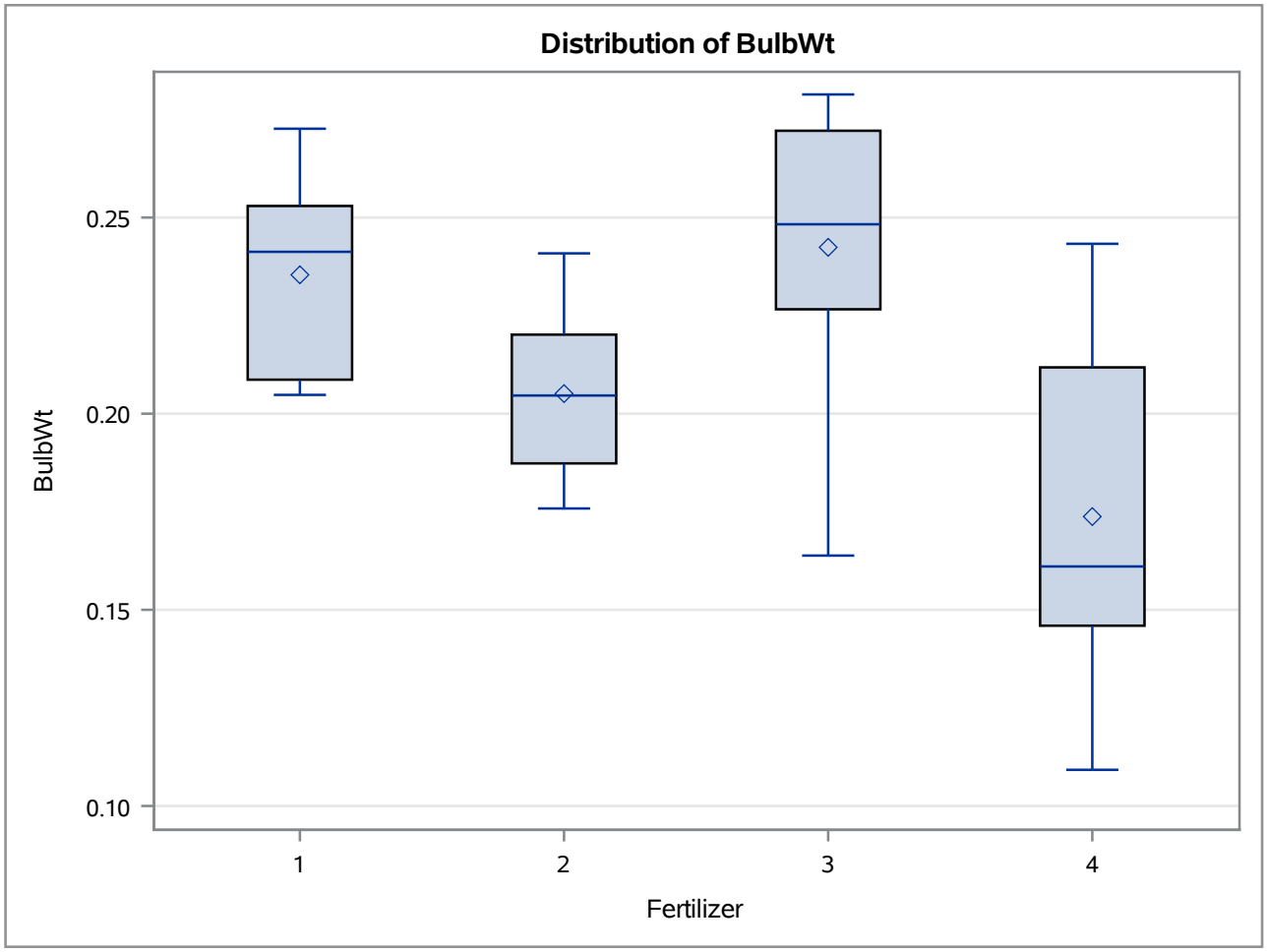
Dependent Variable: BulbWt



One-Way ANOVA with Fertilizer as Predictor

Levene's Test for Homogeneity of BulbWt Variance ANOVA of Squared Deviations from Group Means					
Source	**DF**	**Sum of Squares**	**Mean Square**	**F Value**	**Pr > F**
Fertilizer	3	9.13E-6	3.043E-6	1.54	0.2257
Error	28	0.000055	1.974E-6		

One-Way ANOVA with Fertilizer as Predictor



Level of Fertilizer	N	BulbWt	
		Mean	Std Dev
1	8	0.23539981	0.02540915
2	8	0.20511406	0.02220977
3	8	0.24240747	0.03868547
4	8	0.17376488	0.04447015