

The REG Procedure
Model: MODEL1
Dependent Variable: y

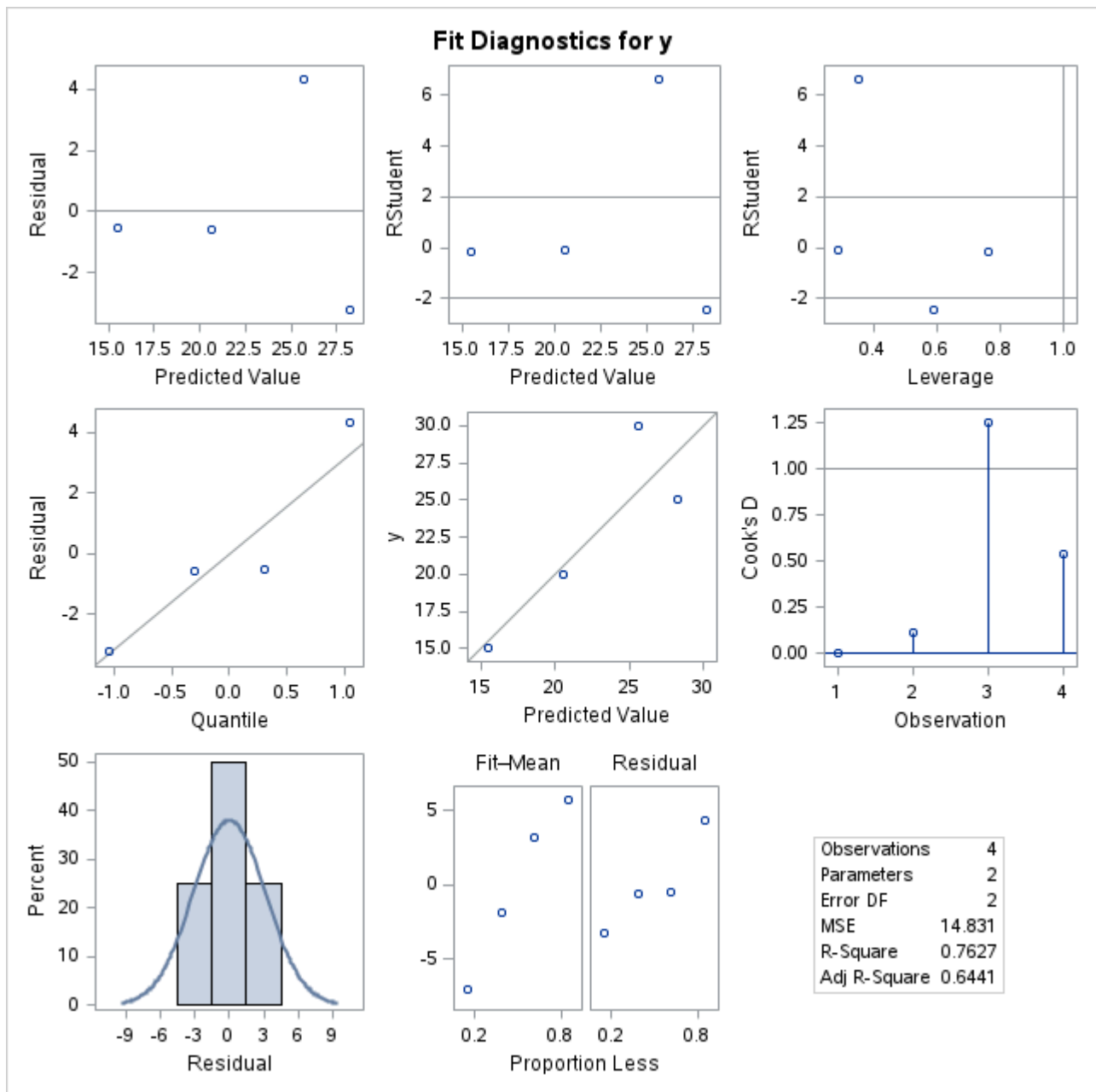
| | |
|-----------------------------|---|
| Number of Observations Read | 4 |
| Number of Observations Used | 4 |

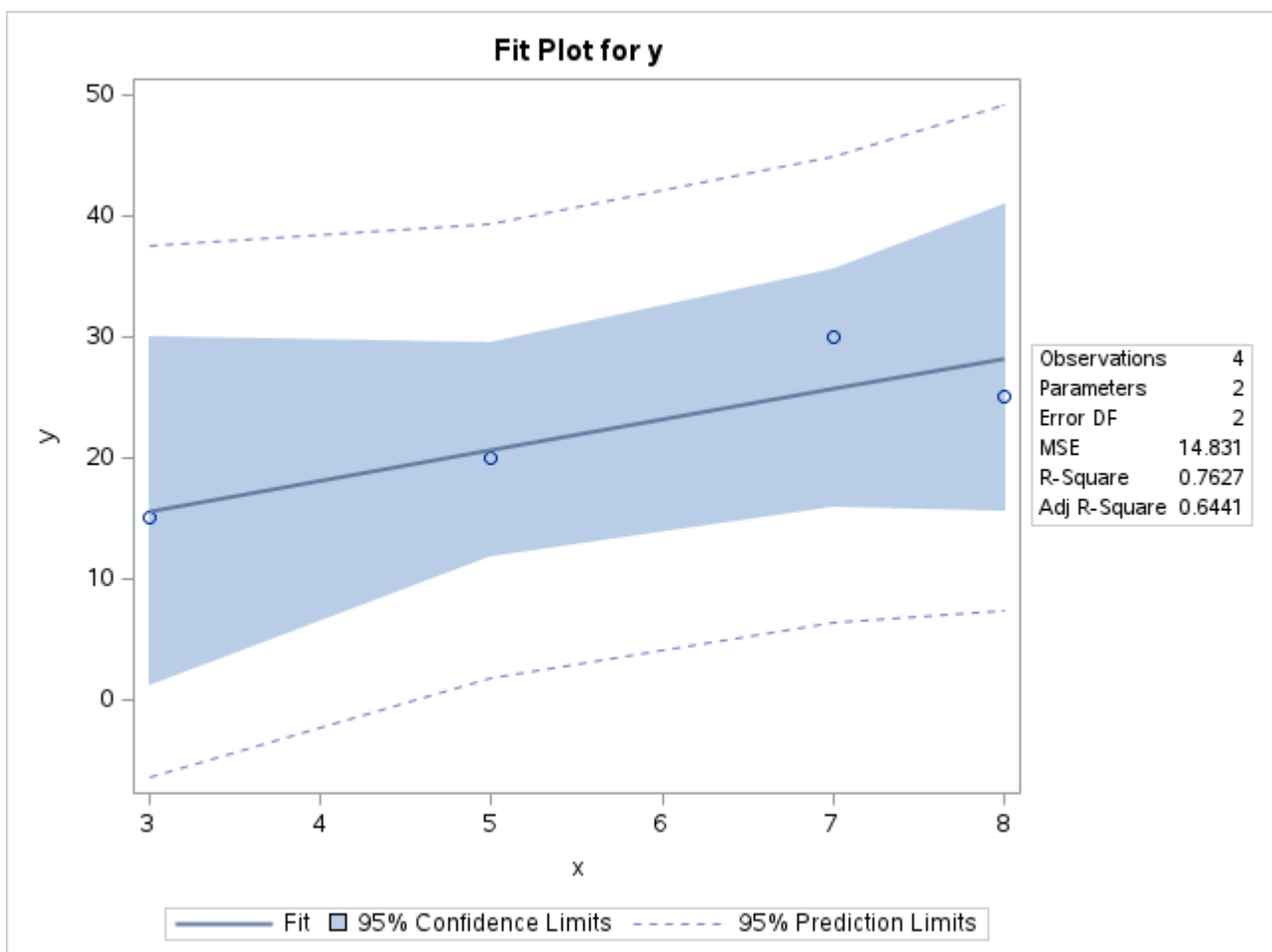
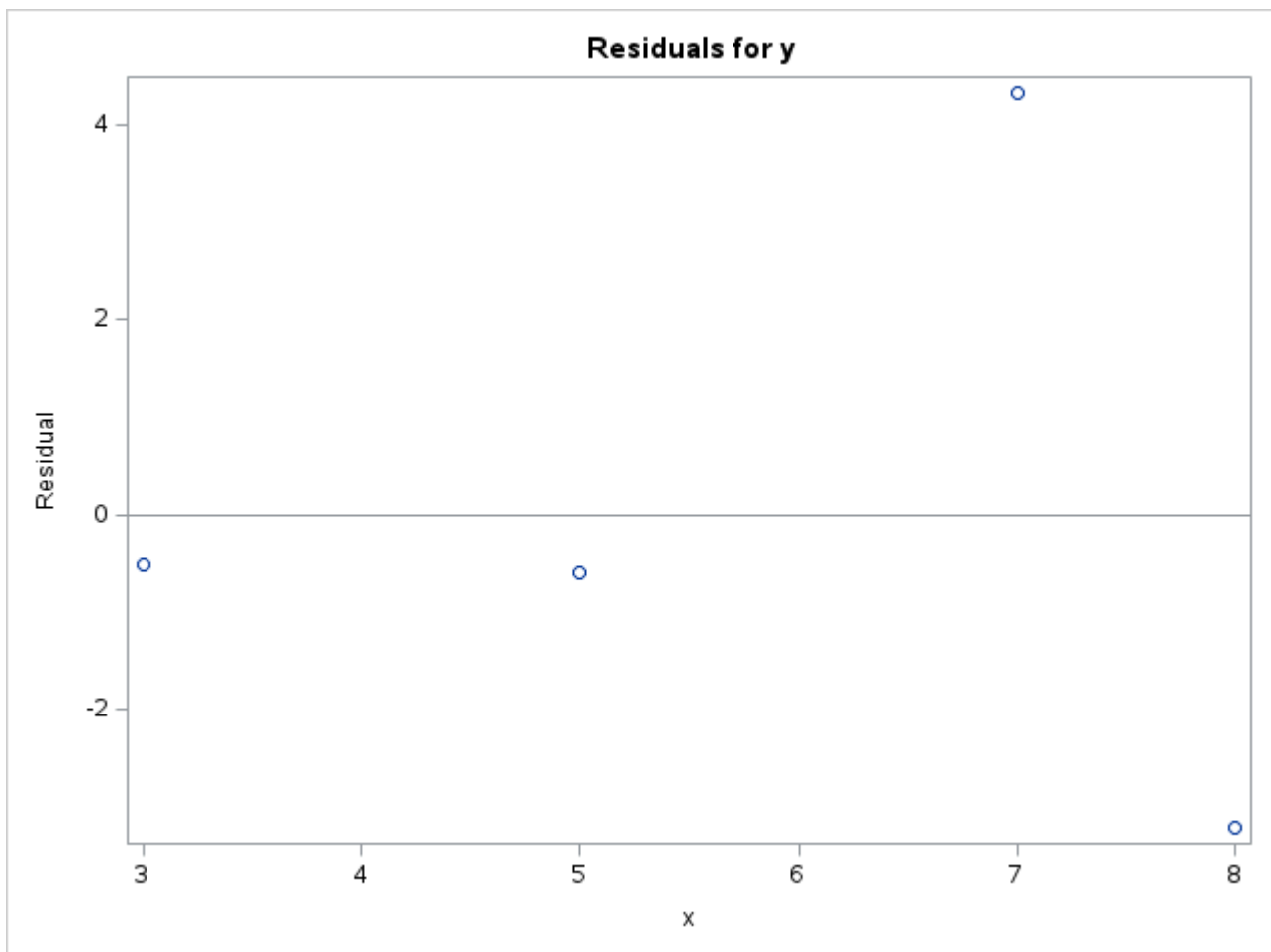
| Analysis of Variance | | | | | |
|----------------------|----|----------------|-------------|---------|--------|
| Source | DF | Sum of Squares | Mean Square | F Value | Pr > F |
| Model | 1 | 95.33898 | 95.33898 | 6.43 | 0.1267 |
| Error | 2 | 29.66102 | 14.83051 | | |
| Corrected Total | 3 | 125.00000 | | | |

| | | | |
|----------------|----------|----------|--------|
| Root MSE | 3.85104 | R-Square | 0.7627 |
| Dependent Mean | 22.50000 | Adj R-Sq | 0.6441 |
| Coeff Var | 17.11573 | | |

| Parameter Estimates | | | | | |
|---------------------|----|--------------------|----------------|---------|---------|
| Variable | DF | Parameter Estimate | Standard Error | t Value | Pr > t |
| Intercept | 1 | 7.88136 | 6.07870 | 1.30 | 0.3242 |
| x | 1 | 2.54237 | 1.00273 | 2.54 | 0.1267 |

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| Obs | id | x | y | predicted_values | residuals |
|-----|-----|---|----|------------------|-----------|
| 1 | 001 | 5 | 20 | 20.5932 | -0.59322 |
| 2 | 002 | 3 | 15 | 15.5085 | -0.50847 |
| 3 | 003 | 8 | 25 | 28.2203 | -3.22034 |
| 4 | 004 | 7 | 30 | 25.6780 | 4.32203 |