

Regression of % Body Fat on Weight

The REG Procedure
 Model: MODEL1
 Dependent Variable: PctBodyFat2

| | |
|-----------------------------|-----|
| Number of Observations Read | 252 |
| Number of Observations Used | 252 |

| Analysis of Variance | | | | | |
|----------------------|-----|----------------|-------------|---------|--------|
| Source | DF | Sum of Squares | Mean Square | F Value | Pr > F |
| Model | 1 | 6593.01614 | 6593.01614 | 150.03 | <.0001 |
| Error | 250 | 10986 | 43.94389 | | |
| Corrected Total | 251 | 17579 | | | |

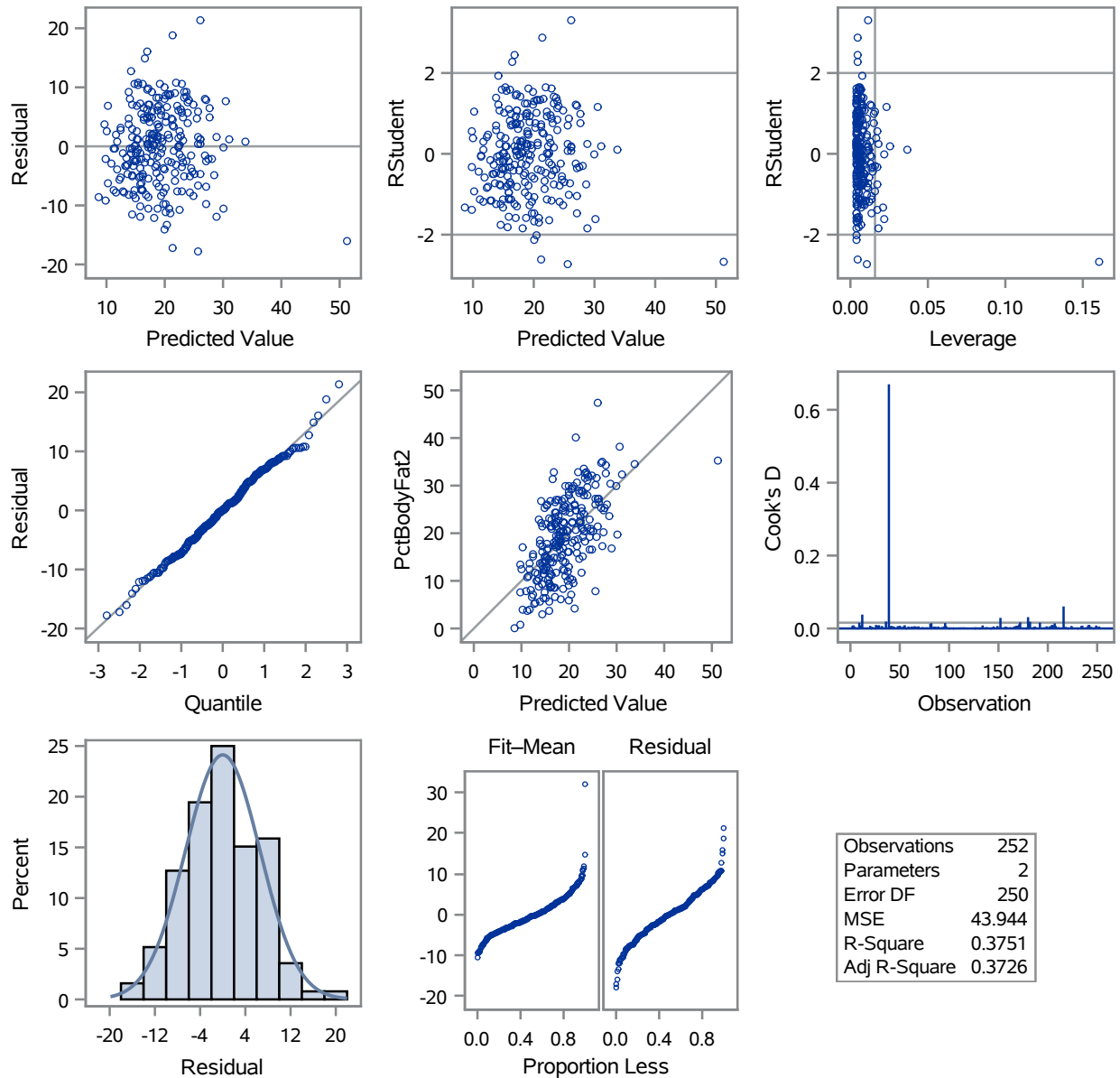
| | | | |
|----------------|----------|----------|--------|
| Root MSE | 6.62902 | R-Square | 0.3751 |
| Dependent Mean | 19.15079 | Adj R-Sq | 0.3726 |
| Coeff Var | 34.61485 | | |

| Parameter Estimates | | | | | |
|---------------------|----|--------------------|----------------|---------|---------|
| Variable | DF | Parameter Estimate | Standard Error | t Value | Pr > t |
| Intercept | 1 | -12.05158 | 2.58139 | -4.67 | <.0001 |
| Weight | 1 | 0.17439 | 0.01424 | 12.25 | <.0001 |

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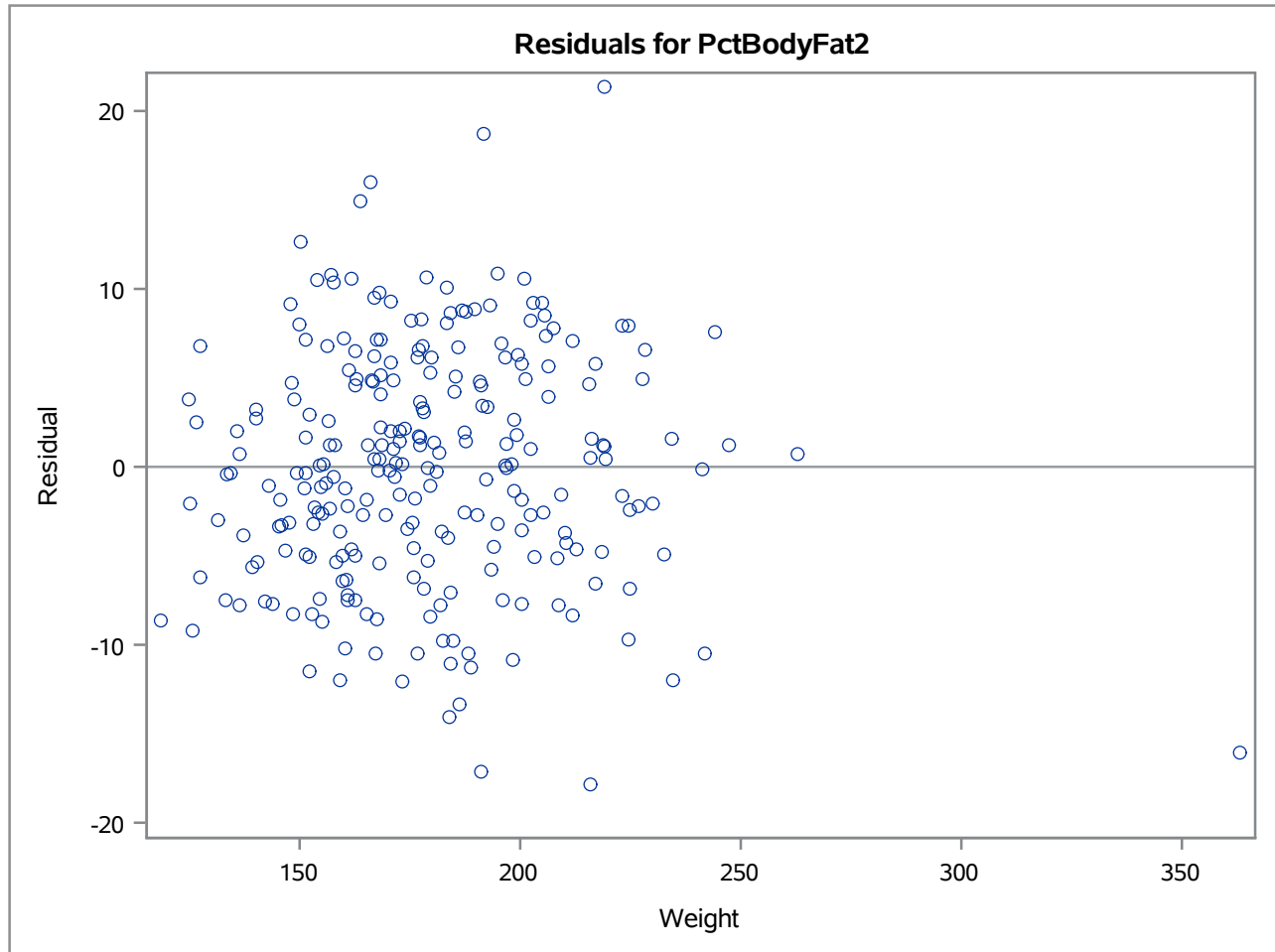
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Fit Diagnostics for PctBodyFat2



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