

The SAS System

The REG Procedure

Model: MODEL1

Dependent Variable: v50_2

| | |
|-----------------------------|----|
| Number of Observations Read | 25 |
| Number of Observations Used | 25 |

| Analysis of Variance | | | | | |
|----------------------|----|----------------|-------------|---------|--------|
| Source | DF | Sum of Squares | Mean Square | F Value | Pr > F |
| Model | 3 | 3718.97341 | 1239.65780 | 560.59 | <.0001 |
| Error | 21 | 46.43796 | 2.21133 | | |
| Corrected Total | 24 | 3765.41137 | | | |

| | | | |
|----------------|----------|----------|--------|
| Root MSE | 1.48705 | R-Square | 0.9877 |
| Dependent Mean | 23.92935 | Adj R-Sq | 0.9859 |
| Coeff Var | 6.21435 | | |

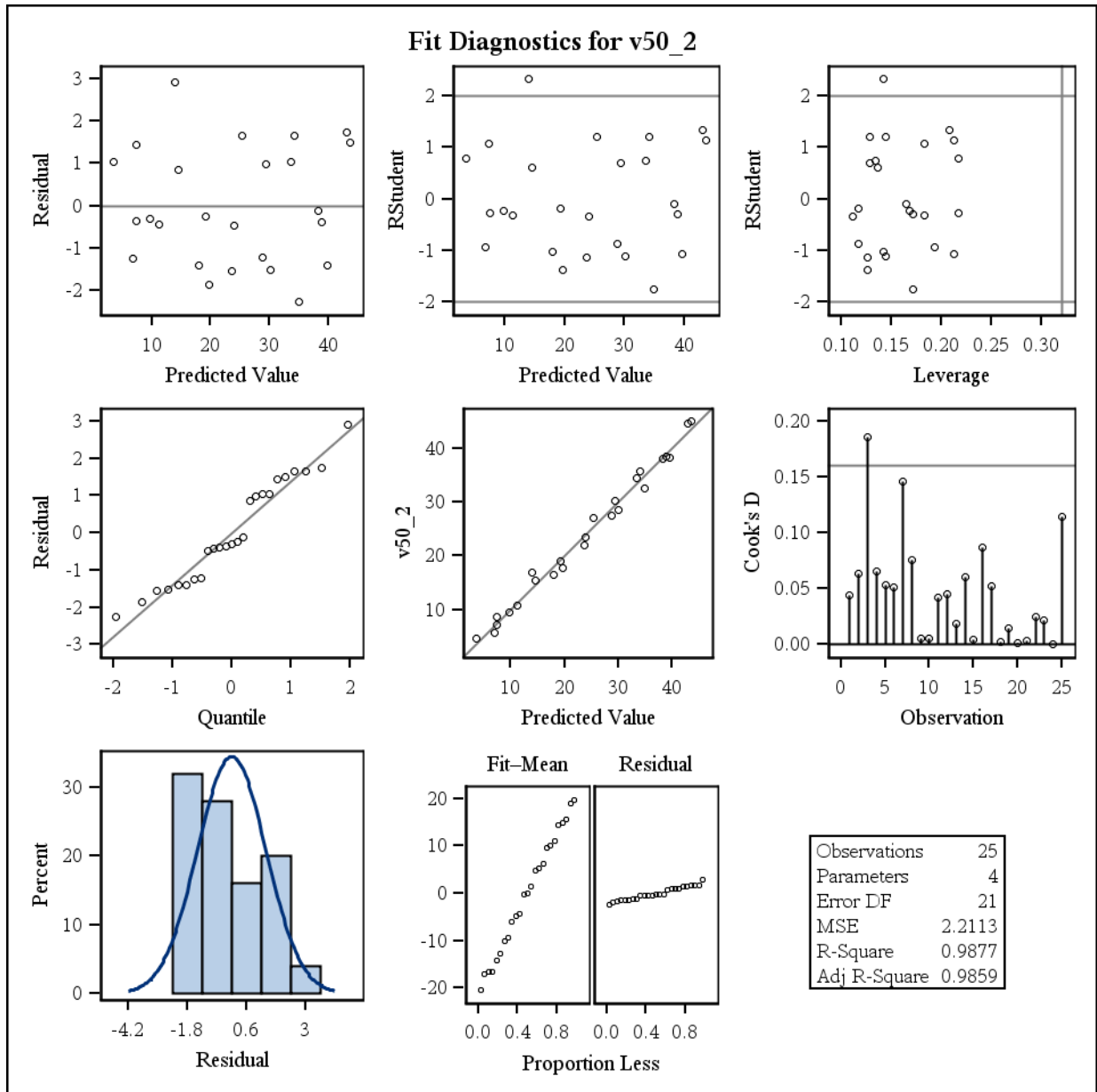
| Parameter Estimates | | | | | |
|---------------------|----|--------------------|----------------|---------|---------|
| Variable | DF | Parameter Estimate | Standard Error | t Value | Pr > t |
| Intercept | 1 | 1.58799 | 0.72365 | 2.19 | 0.0396 |
| layers | 1 | 0.95141 | 0.02340 | 40.66 | <.0001 |
| sharp | 1 | 3.94817 | 0.74353 | 5.31 | <.0001 |
| fsp | 1 | 3.36806 | 0.72298 | 4.66 | 0.0001 |

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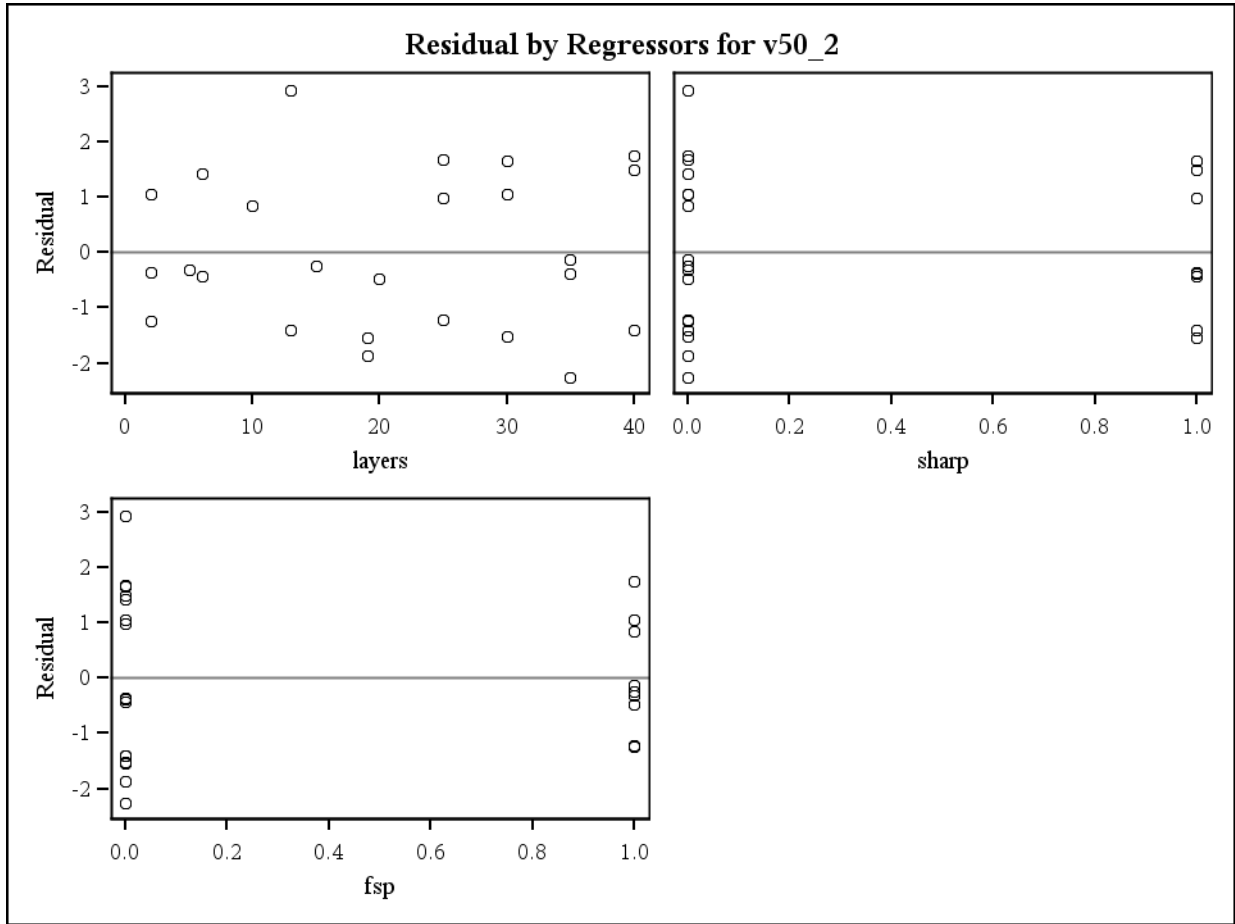


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The REG Procedure

Model: MODEL1

Dependent Variable: v50_2



The SAS System

The GLM Procedure

| Class Level Information | | |
|-------------------------|--------|--------|
| Class | Levels | Values |
| bulltype | 3 | 1 2 3 |

| | |
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| Number of Observations Read | 25 |
| Number of Observations Used | 25 |

The SAS System

The GLM Procedure

Dependent Variable: v50_2

| Source | DF | Sum of Squares | Mean Square | F Value | Pr > F |
|-----------------|----|----------------|-------------|---------|--------|
| Model | 5 | 3737.170151 | 747.434030 | 502.86 | <.0001 |
| Error | 19 | 28.241217 | 1.486380 | | |
| Corrected Total | 24 | 3765.411368 | | | |

| R-Square | Coeff Var | Root MSE | v50_2 Mean |
|----------|-----------|----------|------------|
| 0.992500 | 5.094881 | 1.219172 | 23.92935 |

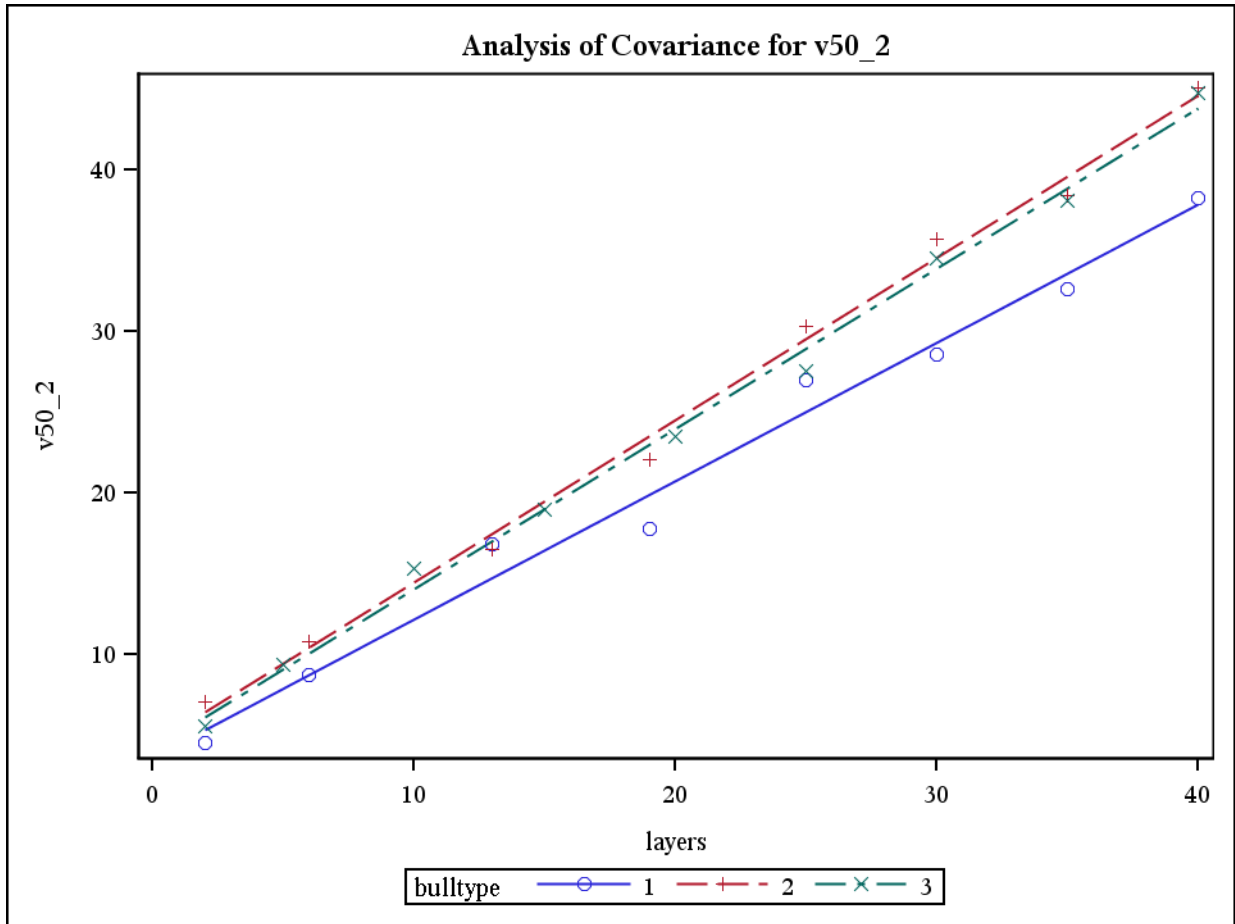
| Source | DF | Type I SS | Mean Square | F Value | Pr > F |
|-----------------|----|-------------|-------------|---------|--------|
| layers | 1 | 3645.445455 | 3645.445455 | 2452.57 | <.0001 |
| bulltype | 2 | 73.527951 | 36.763976 | 24.73 | <.0001 |
| layers*bulltype | 2 | 18.196744 | 9.098372 | 6.12 | 0.0089 |

| Source | DF | Type III SS | Mean Square | F Value | Pr > F |
|-----------------|----|-------------|-------------|---------|--------|
| layers | 1 | 3640.624578 | 3640.624578 | 2449.32 | <.0001 |
| bulltype | 2 | 0.648771 | 0.324385 | 0.22 | 0.8059 |
| layers*bulltype | 2 | 18.196744 | 9.098372 | 6.12 | 0.0089 |

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The GLM Procedure

Dependent Variable: v50_2



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The GLM Procedure

| Class Level Information | | |
|-------------------------|--------|--------|
| Class | Levels | Values |
| bulltype | 3 | 1 2 3 |

| | |
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The GLM Procedure

Dependent Variable: v50_2

| Source | DF | Sum of Squares | Mean Square | F Value | Pr > F |
|-----------------|----|----------------|-------------|---------|--------|
| Model | 3 | 3718.973407 | 1239.657802 | 560.59 | <.0001 |
| Error | 21 | 46.437962 | 2.211332 | | |
| Corrected Total | 24 | 3765.411368 | | | |

| R-Square | Coeff Var | Root MSE | v50_2 Mean |
|----------|-----------|----------|------------|
| 0.987667 | 6.214355 | 1.487055 | 23.92935 |

| Source | DF | Type I SS | Mean Square | F Value | Pr > F |
|----------|----|-------------|-------------|---------|--------|
| layers | 1 | 3645.445455 | 3645.445455 | 1648.53 | <.0001 |
| bulltype | 2 | 73.527951 | 36.763976 | 16.63 | <.0001 |

| Source | DF | Type III SS | Mean Square | F Value | Pr > F |
|----------|----|-------------|-------------|---------|--------|
| layers | 1 | 3655.623784 | 3655.623784 | 1653.13 | <.0001 |
| bulltype | 2 | 73.527951 | 36.763976 | 16.63 | <.0001 |

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The GLM Procedure

Dependent Variable: v50_2

