Bivariate Fit of After By Before

Linear Fit

After = 0.1342608 + 0.7178552*Before

Summary of Fit

- RSquare: 0.358928
- RSquare Adj: 0.29482
- Root Mean Square Error: 0.006485
- Mean of Response: 0.496
- Observations (or Sum Wgts): 12

Analysis of Variance

<table>
<thead>
<tr>
<th>Source</th>
<th>DF</th>
<th>Sum of Squares</th>
<th>Mean Square</th>
<th>F Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>1</td>
<td>0.00023546</td>
<td>0.000235</td>
<td>5.5989</td>
</tr>
<tr>
<td>Error</td>
<td>10</td>
<td>0.00042054</td>
<td>0.000042</td>
<td></td>
</tr>
<tr>
<td>C. Total</td>
<td>11</td>
<td>0.00065600</td>
<td></td>
<td>0.0395</td>
</tr>
</tbody>
</table>

Parameter Estimates

| Term   | Estimate | Std Error | t Ratio | Prob>|t| |
|--------|----------|-----------|---------|-----|
| Intercept | 0.1342608 | 0.15289   | 0.88    | 0.4005 |
| Before  | 0.7178552 | 0.30338   | 2.37    | 0.0395 *|

Diagnostics Plots

Residual by Predicted Plot

Actual by Predicted Plot
Bivariate Fit of After By Before

Linear Fit

Diagnostics Plots

Actual by Predicted Plot

Residual by Row Plot

Residual Normal Quantile Plot
Bivariate Fit of After By Before

Linear Fit

After = -0.010231 + 1.0076854*Before

Summary of Fit

- RSquare: 0.746719
- RSquare Adj: 0.718577
- Root Mean Square Error: 0.003923
- Mean of Response: 0.496909
- Observations (or Sum Wgts): 11

Analysis of Variance

<table>
<thead>
<tr>
<th>Source</th>
<th>DF</th>
<th>Sum of Squares</th>
<th>Mean Square</th>
<th>F Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
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<td>0.000408</td>
<td>26.5337</td>
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<tr>
<td>Error</td>
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<td>0.00013852</td>
<td>0.000015</td>
<td>Prob &gt; F</td>
</tr>
<tr>
<td>C. Total</td>
<td>10</td>
<td>0.00054691</td>
<td>0.0006</td>
<td>*</td>
</tr>
</tbody>
</table>

Parameter Estimates

| Term    | Estimate | Std Error | t Ratio | Prob>|t| |
|---------|----------|-----------|---------|-----|
| Intercept | -0.010231 | 0.09846   | -0.10   | 0.9195 |
| Before   | 1.0076854 | 0.195626  | 5.15    | 0.0006 * |

Diagnostics Plots

Residual by Predicted Plot

Actual by Predicted Plot
Bivariate Fit of After By Before

Linear Fit

Diagnostics Plots

**Actual by Predicted Plot**

![Actual vs Predicted Plot](image)

**Residual by Row Plot**

![Residual vs Row Plot](image)

**Residual Normal Quantile Plot**

![Residual Normal Quantile Plot](image)