

School Data: Regression and Diagnostics -- fluency2**The GLMSELECT Procedure**

| | |
|---------------------------|--------------|
| Data Set | STAT2.SCHOOL |
| Dependent Variable | Fluency2 |
| Selection Method | None |

| | |
|------------------------------------|-----|
| Number of Observations Read | 190 |
| Number of Observations Used | 168 |

| Dimensions | |
|-----------------------------|---|
| Number of Effects | 4 |
| Number of Parameters | 4 |

School Data: Regression and Diagnostics -- fluency2**The GLMSELECT Procedure**

| Least Squares Summary | | | |
|------------------------------|----------------|-------------------|-----------|
| Step | Effect Entered | Number Effects In | SBC |
| 0 | Intercept | 1 | 1111.0648 |
| 1 | Phonics2 | 2 | 1105.9343 |
| 2 | Words2 | 3 | 943.2238 |
| 3 | Reading2 | 4 | 667.1796* |
| * Optimal Value of Criterion | | | |

School Data: Regression and Diagnostics -- fluency2**The GLMSELECT Procedure
Least Squares Model (No Selection)**

| Analysis of Variance | | | | | |
|----------------------|-----|----------------|-------------|---------|--------|
| Source | DF | Sum of Squares | Mean Square | F Value | Pr > F |
| Model | 3 | 113523 | 37841 | 786.62 | <.0001 |
| Error | 164 | 7889.37271 | 48.10593 | | |
| Corrected Total | 167 | 121412 | | | |

| | |
|----------------|-----------|
| Root MSE | 6.93584 |
| Dependent Mean | 23.49405 |
| R-Square | 0.9350 |
| Adj R-Sq | 0.9338 |
| AIC | 824.68373 |
| AICC | 825.05410 |
| SBC | 667.17959 |

| Parameter Estimates | | | | | |
|---------------------|----|-----------|----------------|---------|---------|
| Parameter | DF | Estimate | Standard Error | t Value | Pr > t |
| Intercept | 1 | -1.081348 | 1.891454 | -0.57 | 0.5683 |
| Phonics2 | 1 | -0.026336 | 0.037714 | -0.70 | 0.4860 |
| Words2 | 1 | 0.056776 | 0.038086 | 1.49 | 0.1380 |
| Reading2 | 1 | 0.973169 | 0.036513 | 26.65 | <.0001 |

School Data: Regression and Diagnostics -- fluency3**The GLMSELECT Procedure**

| | |
|--------------------|--------------|
| Data Set | STAT2.SCHOOL |
| Dependent Variable | Fluency3 |
| Selection Method | None |

| | |
|-----------------------------|-----|
| Number of Observations Read | 190 |
| Number of Observations Used | 178 |

| Dimensions | |
|----------------------|---|
| Number of Effects | 4 |
| Number of Parameters | 4 |

School Data: Regression and Diagnostics -- fluency3**The GLMSELECT Procedure**

| Least Squares Summary | | | |
|------------------------------|----------------|-------------------|-----------|
| Step | Effect Entered | Number Effects In | SBC |
| 0 | Intercept | 1 | 1289.9373 |
| 1 | Phonics3 | 2 | 1287.6729 |
| 2 | Words3 | 3 | 1113.6383 |
| 3 | Reading3 | 4 | 917.8944* |
| * Optimal Value of Criterion | | | |

School Data: Regression and Diagnostics -- fluency3**The GLMSELECT Procedure
Least Squares Model (No Selection)**

| Analysis of Variance | | | | | |
|----------------------|-----|----------------|-------------|---------|--------|
| Source | DF | Sum of Squares | Mean Square | F Value | Pr > F |
| Model | 3 | 215180 | 71727 | 453.79 | <.0001 |
| Error | 174 | 27503 | 158.06301 | | |
| Corrected Total | 177 | 242683 | | | |

| | |
|----------------|------------|
| Root MSE | 12.57231 |
| Dependent Mean | 45.64045 |
| R-Square | 0.8867 |
| Adj R-Sq | 0.8847 |
| AIC | 1085.16726 |
| AICC | 1085.51610 |
| SBC | 917.89439 |

| Parameter Estimates | | | | | |
|---------------------|----|-----------|----------------|---------|---------|
| Parameter | DF | Estimate | Standard Error | t Value | Pr > t |
| Intercept | 1 | 6.838685 | 4.597471 | 1.49 | 0.1387 |
| Phonics3 | 1 | -0.153086 | 0.077079 | -1.99 | 0.0486 |
| Words3 | 1 | 0.133073 | 0.056285 | 2.36 | 0.0192 |
| Reading3 | 1 | 0.806588 | 0.042277 | 19.08 | <.0001 |

School Data: Regression and Diagnostics -- reading3**The GLMSELECT Procedure**

| | |
|--------------------|--------------|
| Data Set | STAT2.SCHOOL |
| Dependent Variable | Reading3 |
| Selection Method | None |

| | |
|-----------------------------|-----|
| Number of Observations Read | 190 |
| Number of Observations Used | 150 |

| Dimensions | |
|----------------------|---|
| Number of Effects | 8 |
| Number of Parameters | 8 |

School Data: Regression and Diagnostics -- reading3**The GLMSELECT Procedure**

| Least Squares Summary | | | |
|------------------------------|----------------|-------------------|-----------|
| Step | Effect Entered | Number Effects In | SBC |
| 0 | Intercept | 1 | 1108.7884 |
| 1 | Letters1 | 2 | 994.2132 |
| 2 | Words1 | 3 | 964.9059 |
| 3 | Phonics1 | 4 | 945.3789 |
| 4 | Phonics2 | 5 | 947.5766 |
| 5 | Words2 | 6 | 909.9867 |
| 6 | Phonics3 | 7 | 914.7011 |
| 7 | Words3 | 8 | 873.5149* |
| * Optimal Value of Criterion | | | |

School Data: Regression and Diagnostics -- reading3**The GLMSELECT Procedure
Least Squares Model (No Selection)**

| Analysis of Variance | | | | | |
|----------------------|-----|----------------|-------------|---------|--------|
| Source | DF | Sum of Squares | Mean Square | F Value | Pr > F |
| Model | 7 | 196601 | 28086 | 102.72 | <.0001 |
| Error | 142 | 38826 | 273.41942 | | |
| Corrected Total | 149 | 235426 | | | |

| | |
|----------------|------------|
| Root MSE | 16.53540 |
| Dependent Mean | 49.58667 |
| R-Square | 0.8351 |
| Adj R-Sq | 0.8270 |
| AIC | 1001.42981 |
| AICC | 1002.71552 |
| SBC | 873.51489 |

| Parameter Estimates | | | | | |
|---------------------|----|------------|----------------|---------|---------|
| Parameter | DF | Estimate | Standard Error | t Value | Pr > t |
| Intercept | 1 | -25.435352 | 7.036757 | -3.61 | 0.0004 |
| Letters1 | 1 | 0.485615 | 0.143702 | 3.38 | 0.0009 |
| Words1 | 1 | 0.350773 | 0.149040 | 2.35 | 0.0200 |
| Phonics1 | 1 | 0.627665 | 0.127952 | 4.91 | <.0001 |
| Phonics2 | 1 | -0.396925 | 0.103276 | -3.84 | 0.0002 |
| Words2 | 1 | 0.218883 | 0.100258 | 2.18 | 0.0307 |
| Phonics3 | 1 | 0.169007 | 0.115610 | 1.46 | 0.1460 |
| Words3 | 1 | 0.567387 | 0.079283 | 7.16 | <.0001 |