# The SAS System

## The GLM Procedure

| | |
|---|---|
| Number of Observations Read | 500 |
| Number of Observations Used | 500 |

# The SAS System

## The GLM Procedure

**Dependent Variable: diasbp   Initial Diastolic Blood Pressure**

| Source | DF | Sum of Squares | Mean Square | F Value | Pr > F |
|---|---|---|---|---|---|
| Model | 1 | 86450.7150 | 86450.7150 | 296.54 | <.0001 |
| Error | 498 | 145184.9070 | 291.5360 | | |
| Corrected Total | 499 | 231635.6220 | | | |

| R-Square | Coeff Var | Root MSE | diasbp Mean |
|---|---|---|---|
| 0.373219 | 21.81589 | 17.07442 | 78.26600 |

| Source | DF | Type I SS | Mean Square | F Value | Pr > F |
|---|---|---|---|---|---|
| sysbp | 1 | 86450.71495 | 86450.71495 | 296.54 | <.0001 |

| Source | DF | Type III SS | Mean Square | F Value | Pr > F |
|---|---|---|---|---|---|
| sysbp | 1 | 86450.71495 | 86450.71495 | 296.54 | <.0001 |

| Parameter | Estimate | Standard Error | t Value | Pr > |t| |
|---|---|---|---|---|
| Intercept | 19.28921615 | 3.50895136 | 5.50 | <.0001 |
| sysbp | 0.40756844 | 0.02366804 | 17.22 | <.0001 |

# The SAS System

## The GLM Procedure

**Dependent Variable: diasbp   Initial Diastolic Blood Pressure**



Fit Plot for diasbp

# The SAS System

### Q-Q Plot of Residuals for diasbp



### Residuals by Predicted for diasbp



### Distribution of Residuals for diasbp



### Residual Plot for diasbp



### Fit Plot for diasbp