

# Regression Ch 3

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## Diagnostic and Transformations for Simple Linear Regression

##3.1 Valid and Invalid Regression Models

3.1.1. Residuals

3.1.2 Plots of Residuals

3.1.3 Example of a Quadratic Model

3.2 Regression Diagnostics: Tools for Checking

3.2.1 Leverage Points

3.2.2 Standardized Residuals

3.2.3 Recommendations for Handling Outliers and Leverage Points

3.2.4 Assessing the Influence of Certain Cases

3.2.5 Normality of Errors

3.2.6 Constant Variance

3.3. Transformations

3.3.1 Using Transformations to Stabilize Variance

3.3.2 Using Logarithms to Estimate Percentage Effects