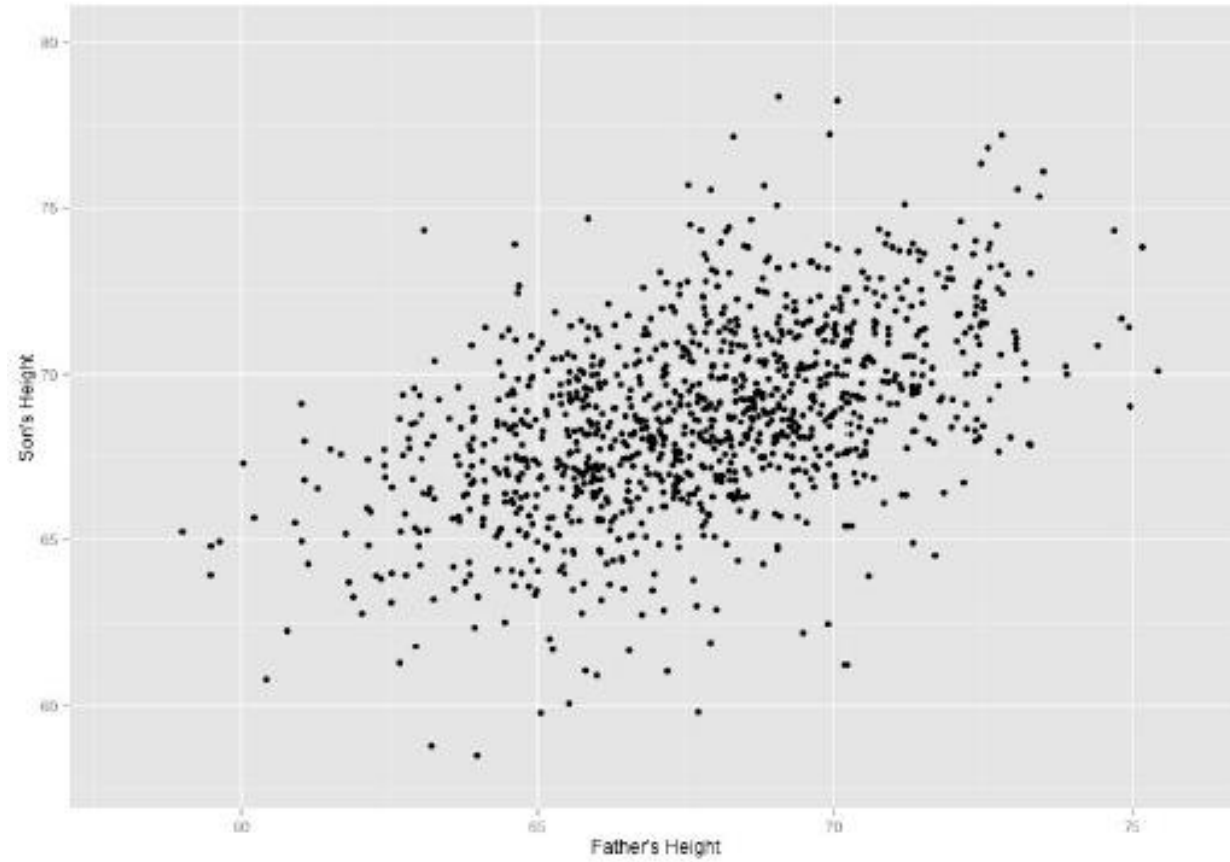


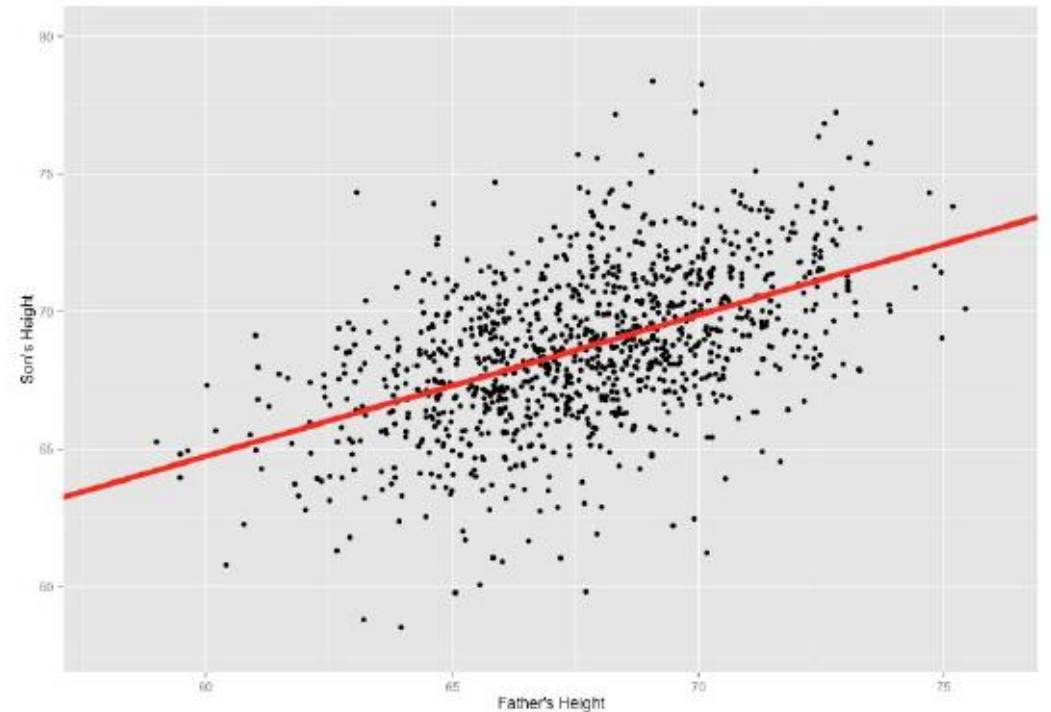
Linear Regression

Linear Regression

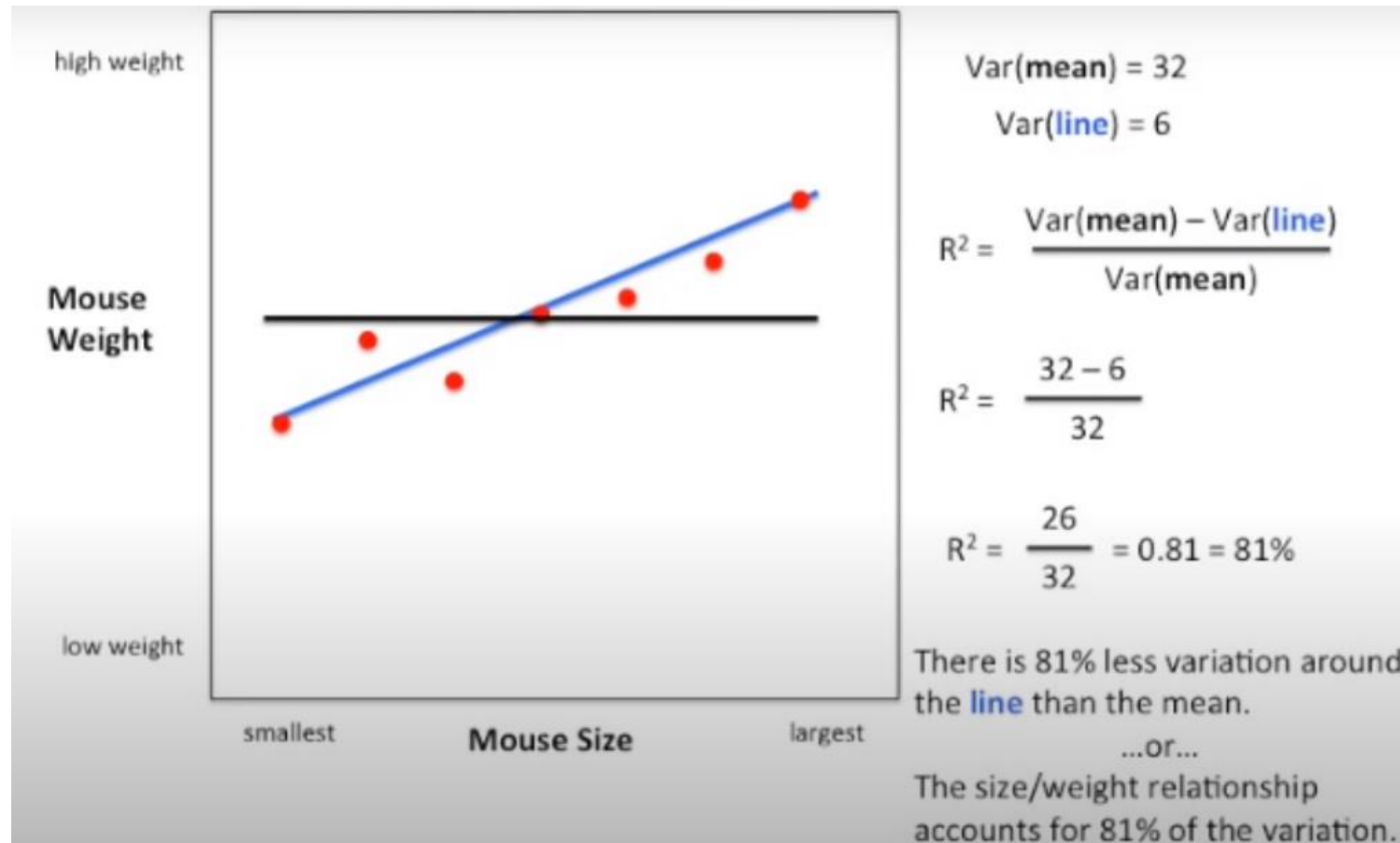


Linear Regression

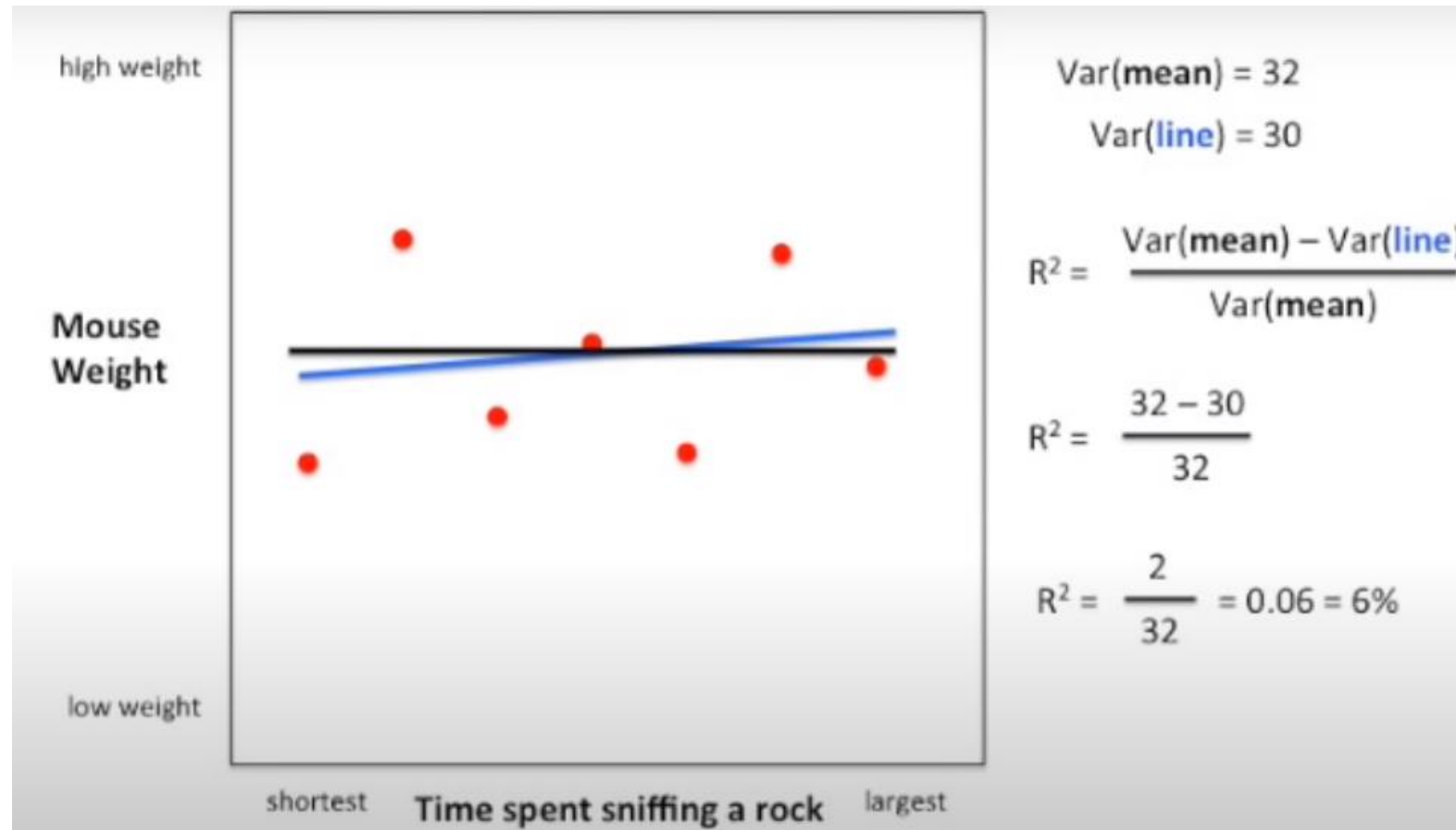
- Best line
- Minimize vertical distance
 - Sum of absolute values
 - Sum of squared errors (least squares method)



R-squared



R-squared



Adjusted R-squared

$$\textit{Adjusted } R^2 = 1 - \frac{(1 - R^2)(N - 1)}{N - p - 1}$$