

$$b = \frac{\sum_{i=1}^n x_i y_i - \frac{(\sum_{i=1}^n x_i)(\sum_{i=1}^n y_i)}{n}}{\sum_{i=1}^n x_i^2 - \frac{(\sum_{i=1}^n x_i)^2}{n}} = \frac{2056.5 - \frac{(55.1)(402)}{10}}{414.07 - \frac{(55.1)^2}{10}} = -1.43$$