$$\begin{array}{l}
\overline{1} \\
\overline{y}_{i} = \beta_{0} + \beta_{1} \chi_{i} + \varepsilon_{i} \\
\overline{\beta}_{0} = \overline{y} - \beta_{1} \overline{\chi} \\
\overline{\beta}_{1} = \frac{\xi(\chi_{i} - \overline{\chi})(y_{i} - \overline{y})}{\xi(\chi_{i} - \overline{\chi})^{2}} \\
\overline{\xi}_{1} = \frac{\xi(\chi_{i} - \overline{\chi})(y_{i} - \overline{y})}{\xi(\chi_{i} - \overline{\chi})^{2}}
\end{array}$$

1 12.
3 24.
4 40.
1 11.
5 56.
3 40.
2 14.

$$X = 2,4$$
 $y = 24,5$

Model 2:
$$B_{LS} = 2$$

$$Q(B) = \sum_{i=1}^{n} (y_i - B_{Xi})^2 \qquad Ey_i = \beta_{Xi}$$

$$2(B) = 5(y_i - \beta x_i)^2$$

$$Q(B) = \sum_{i=1}^{n} (y_i - \beta x_i)^2$$

$$Q(B) = \sum_{i=1}^{n} (y_i - \beta x_i)^2$$

- £ y; X; + 3 £ X; = 2

$$\frac{dQ(\beta)}{dQ(\beta)} = 9 \leq (4i - B\%i)$$

$$\frac{dQ(\beta)}{d\beta} = 2 \frac{\chi}{2} (y_i - \beta \chi_i) (-\chi_i) = 0$$

Kandell's $T = \frac{C-D}{C+D} = \frac{25-41}{25+41} = -0,24$