$$\hat{\alpha} = \overline{y} - \frac{S_{XY}}{S_{XX}}$$

$$\hat{\sigma}^2 = \frac{1}{S_{XX}} \left( y_i - (\hat{\alpha} + \hat{\beta} \times i) \right)^2$$

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Regression qualysis projectes xis a lixed (not sundam ses) hat Yils are

Ex Plants, exemone let efter 1 day, 7 days, Y = ht atday T

x2=7 Y2... 7 g: --- 14

from the properties

samply had. It B = Sxx

= John (xi-x)(yi-y)

Sxx

(xi-x)(yi-y)

Result

result

$$M_{\tilde{R}} = 15 \qquad O_{\tilde{R}}^{2} = \frac{\sigma^{2}}{S_{xx}}$$

$$\frac{\partial^2}{\partial z} = \sum_{i=1}^{n} (y_i - (\hat{\alpha} + \hat{\beta} \times i))^2$$

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(argently)
$$\frac{(3-1)}{(n^{2})^{2}} = \frac{15 \cdot 9 + 30!}{(n^{2})^{2}}$$

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Ports Mormal correlator analysis