$$S_{xx} = \sum_{i=1}^{n} \left(x_i - \overline{x}\right)^2, \; S_{xy} = \sum_{i=1}^{n} \left(x_i - \overline{x}\right)\left(y_i - \overline{y}\right) \qquad \text{(Eq. 11-7)}$$