

⑦ Scatter plot & correlation (r)
Form (shape), Direction, & Strength

⑧ Regression Line $b = r \frac{s_y}{s_x}$ & $a = \bar{y} - b\bar{x}$
 $\hat{y} = a + bx$

Estimation, extrapolation
interpreting slope & y-int.

R^2
Residual = observed - predicted = $y - \hat{y}$

$$\hat{y} = -1.16x + 89.82$$

⑨ Leverage + Residual
Influential points.

⑫ + ⑬ Like Homework

