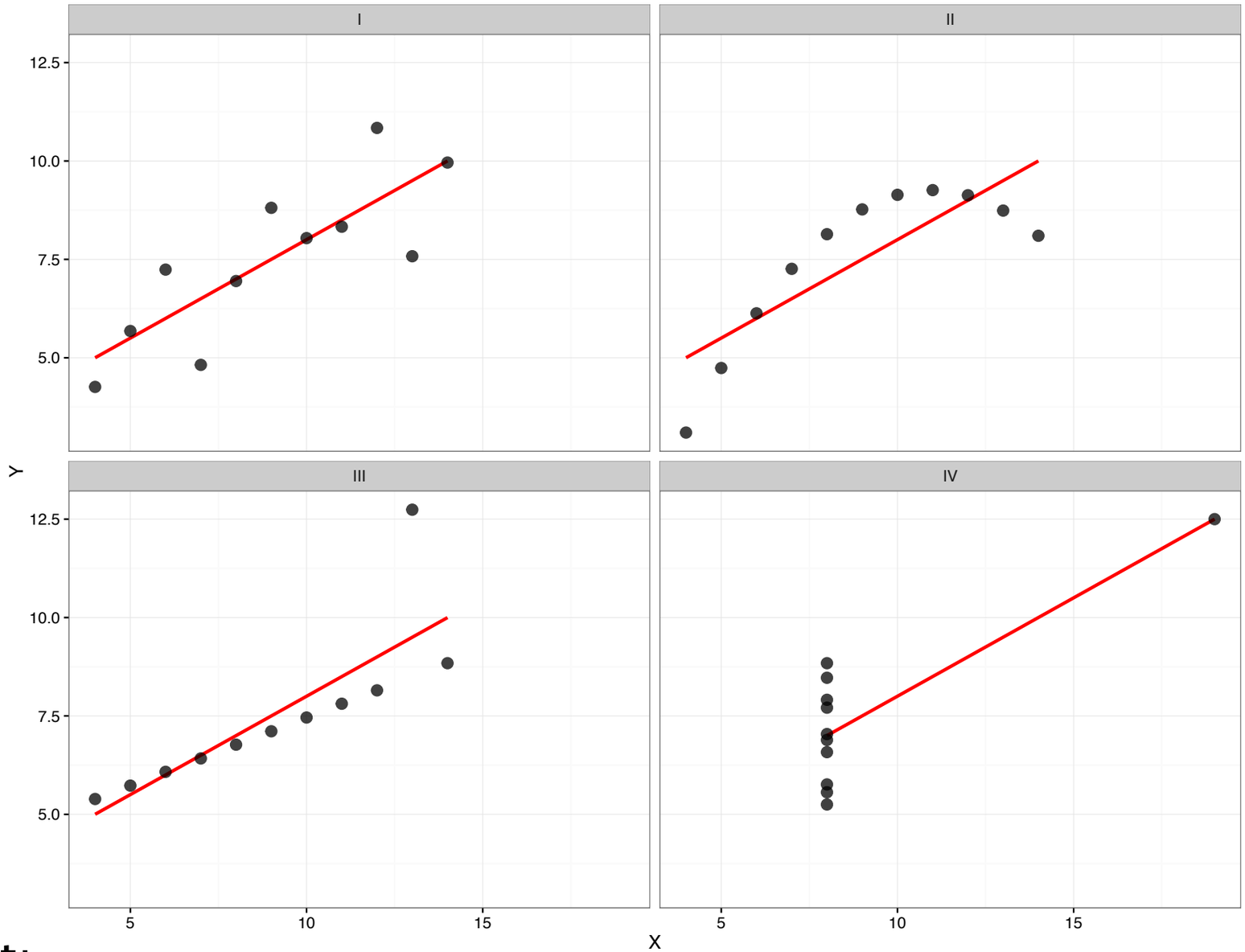
Anscombe's Quartet



For each dataset:

$$\overline{X} = 9.0 \qquad \text{var}(X) = 11 \qquad \text{corr}(X, Y) = 0.82$$

$$\overline{Y} = 7.5 \qquad \text{var}(Y) \approx 4.1 \qquad \hat{Y} = 3 + 0.5X$$