② <u>Inter-Quartile Range</u>

5, 40, 42, (46), 48, 49, 50, (50), 52, 53, 55, (56), 58, 75,

$\underbrace{\qquad}_{\text{25th Percentile}}$ 102

$n = 15$

$IQR = Q_3 - Q_1 = 56 - 46 = 10$

$\llcorner$ 75 Percentile

$Q_2 = 50$ $Q_3 = 56$

$Q_1 = 46$

① <u>Range</u> → **Extreme values**

34,500, 30700, 32900, 36000, 34100, 33800,

32500

$$\boxed{\begin{aligned} \text{Range} &= \text{Max} - \text{Min} \\ &= 36000 - 30700 \\ &= 5300 \end{aligned}}$$

50 Percentile → Median

50%

③ Standard Deviation or variance