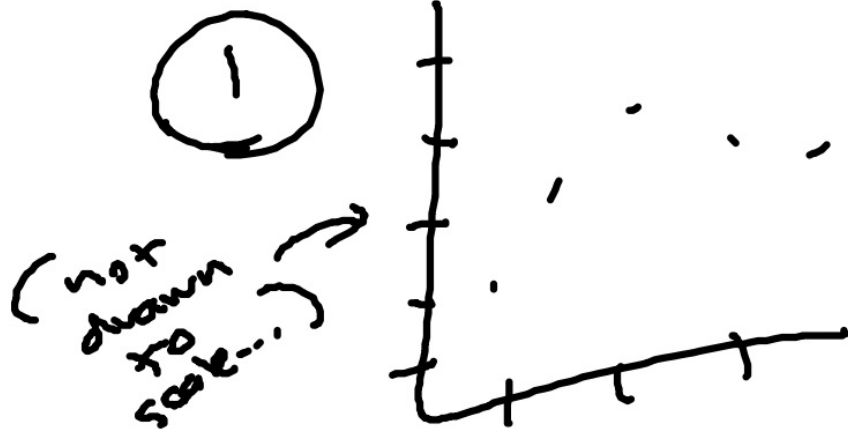


p. 709

Measures of variation



② Mean:

$$\frac{26 + 25 + 30 + 32 + 27 + 28}{6} = 28$$

③

$$\begin{aligned} 28 - 26 &= 2 \\ 28 - 25 &= 3 \\ &= 2 \\ &= 4 \\ &= 1 \\ &= 0 \end{aligned}$$

2 + 2 + 3 + 4 + 1 + 0

$$\frac{2 + 2 + 3 + 4 + 1 + 0}{6} = 2$$

- Step 1: Find the mean
- Step 2: Find the absolute difference
- Step 3: Find the mean of (step 2)

711
P. 711 (9)
Step 1: Find the mean

Step 2: Find the absolute difference

Step 3: Find the mean of (Step 2)

$$\frac{8+14+10+7+13}{5}$$

$$= \underline{10.4}$$

$$\frac{2.4+3.6+.4+3.4+2.6}{5}$$

$$= \frac{12.4}{5}$$

$$|8 - 10.4| = \underline{2.4}$$

$$|14 - 10.4| = \underline{3.6}$$

$$|10 - 10.4| = \underline{.4}$$

$$|7 - 10.4| = \underline{3.4}$$

$$|13 - 10.4| = \underline{2.6}$$

$$= \underline{\underline{2.48}}$$

p. 710

mean
absolute
deviation

vs.

p. 711

Standard
deviation

sp. 712 - 714

1, 2 (both
sets)