



## Média / Desvio Padrão

[ valor médio / dispersão do conjunto de dados]

A: 444444 5555555555 666666

B: 44444444444 5 6666666666

C: 33 4444 5555555555 6666 77

D: 22 4444 5555555555 6666 88

E: 11 4444 5555555555 6666 99

$$\text{média} := \sum_{i=1}^N x_i / N \quad [5 \text{ para todos os grupos}]$$



$$\text{desvio padrão} := \sqrt{\sum_{i=1}^N (x_i - m)^2 / (N - 1)}$$

$$A: 444444 \ 5555555555 \ 666666 \quad \left[ 5, \sqrt{\frac{3}{5}} \sim 0.775 \right]$$

$$B: 44444444444 \ 5 \ 6666666666 \quad [ 5, 1 ]$$

$$C: 33 \ 4444 \ 5555555555 \ 6666 \ 77 \quad \left[ 5, \sqrt{\frac{6}{5}} \sim 1.095 \right]$$

$$D: 22 \ 4444 \ 5555555555 \ 6666 \ 88 \quad \left[ 5, \sqrt{\frac{11}{5}} \sim 1.483 \right]$$

$$E: 11 \ 4444 \ 5555555555 \ 6666 \ 99 \quad \left[ 5, 3 \sqrt{\frac{2}{5}} \sim 1.897 \right]$$

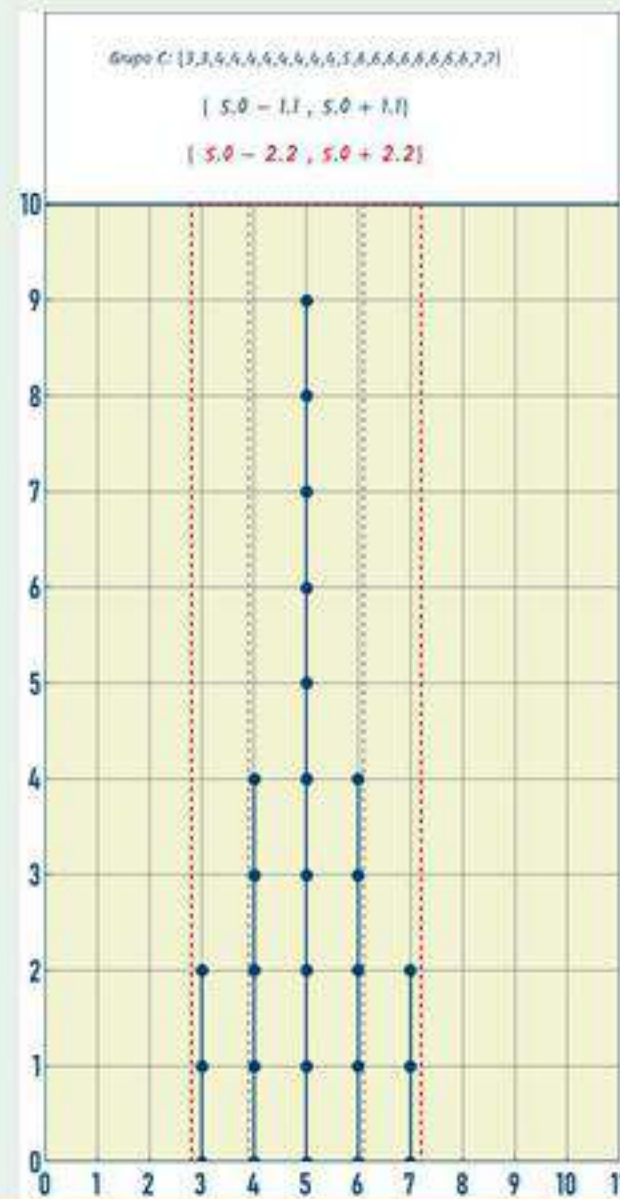
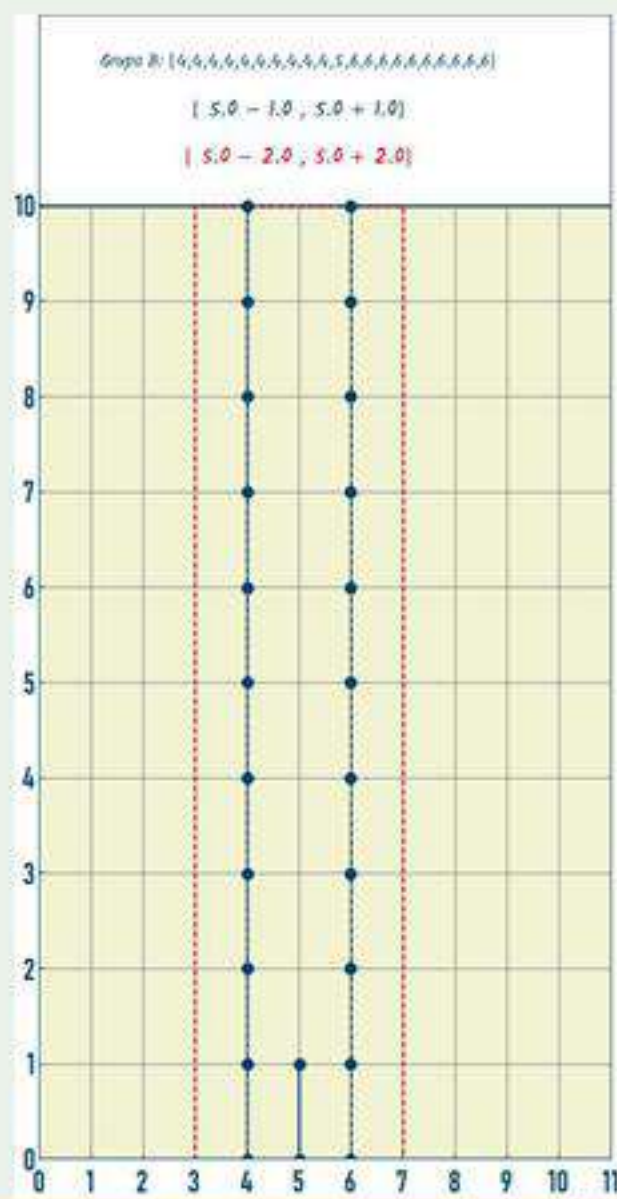
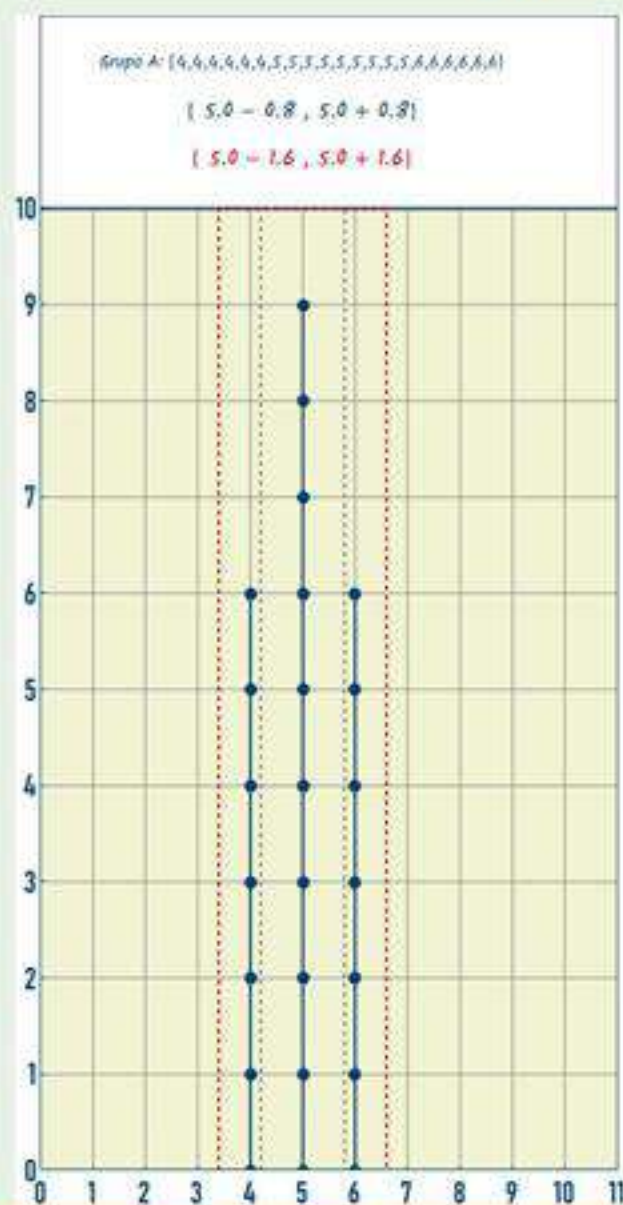
intervalo de confiança

$$A: \{ 4.2, 5.8 \} * B: \{ 4.0, 6.0 \} * C: \{ 3.9, 6.1 \} * D: \{ 3.5, 6.5 \} * E: \{ 3.1, 6.9 \}$$





## representação gráfica dos resultados





## representação gráfica dos resultados

