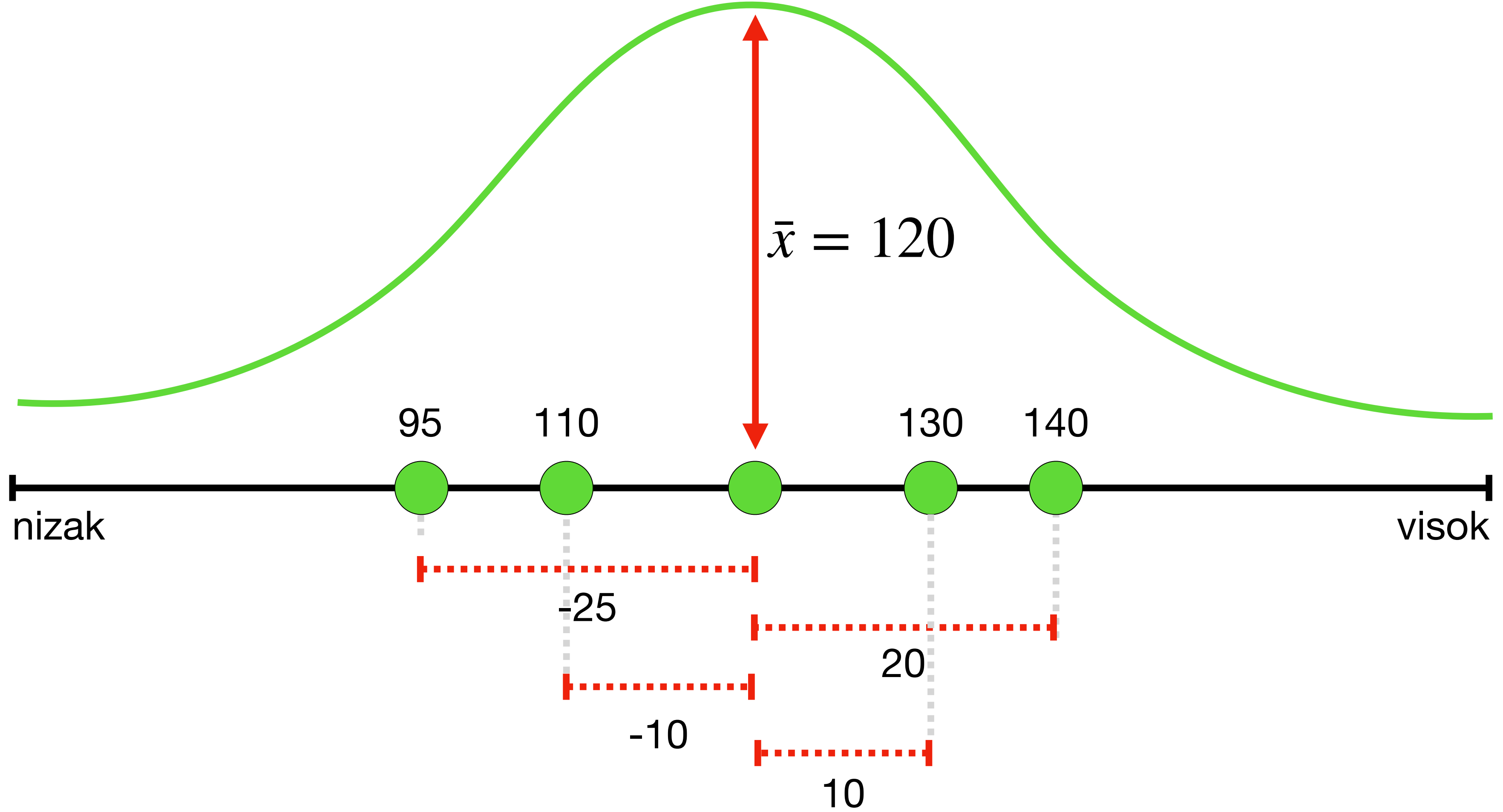
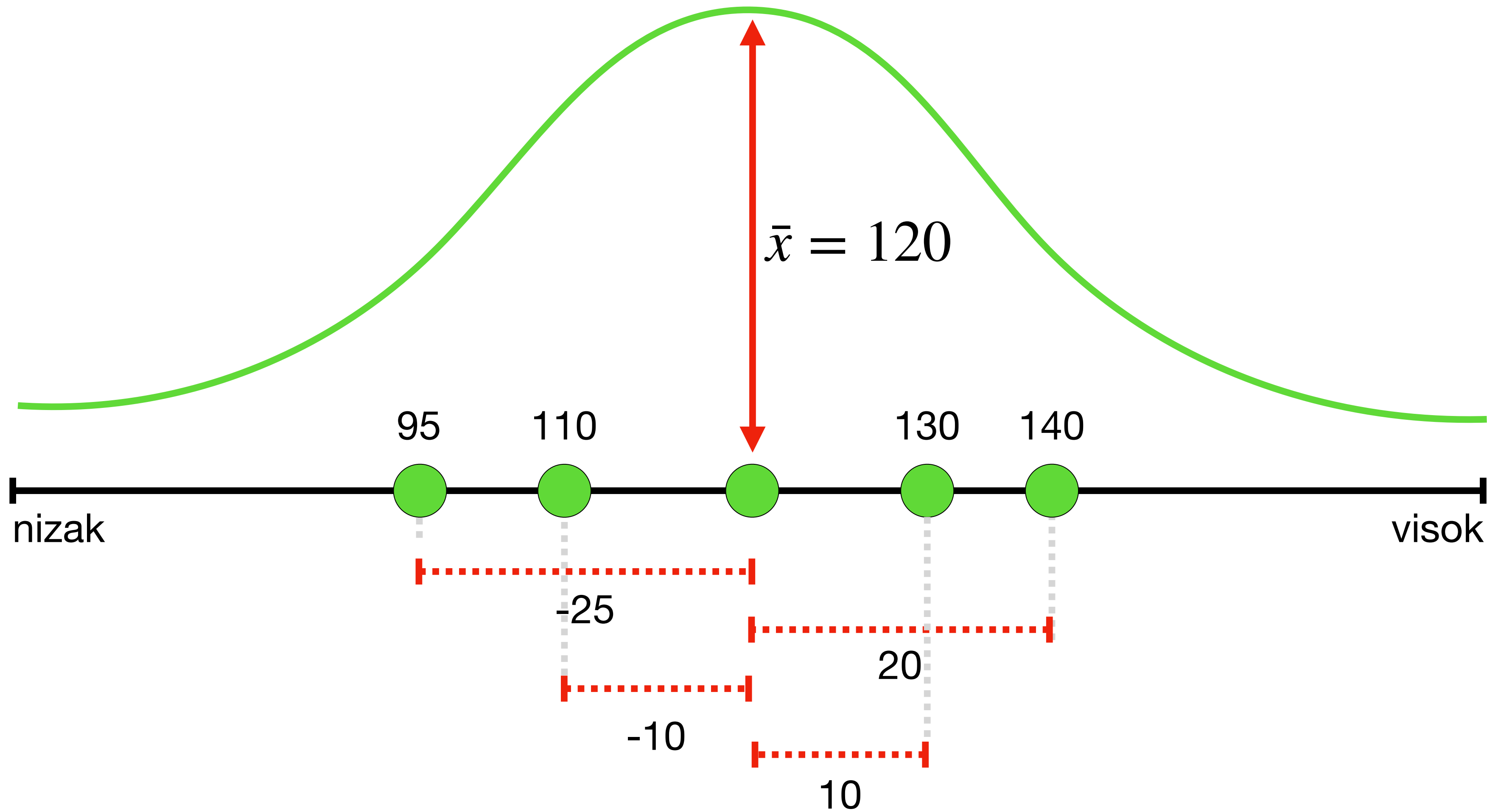


$$\text{var} = \frac{\sum (x - \bar{x})^2}{n - 1} = \frac{(95 - 120)^2 + (110 - 120)^2 + (130 - 120)^2 + (140 - 120)^2}{4 - 1}$$





$$\text{var} = \frac{\sum (x - \bar{x})^2}{n - 1} = \frac{(95 - 120)^2 + (110 - 120)^2 + (130 - 120)^2 + (140 - 120)^2}{4 - 1}$$

$$\text{var} = \frac{\sum (x - \mu)^2}{n - 1} = \frac{(95 - 120)^2 + (110 - 120)^2 + (130 - 120)^2 + (140 - 120)^2}{4 - 1}$$