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Materia: Estadística Descriptiva En Nutrición

Licenciatura: Nutrición

Universidad: UDS

Grado y Grupo: 3-A

Trabajo: ejercicios



mediana:  
40, 40, 41, 41, 43, 52, 35, 39, 59, 45, 60, 48, 53, 58, 55, 43, 40, 60, 69, 69, 40, 52, 64, 54, 70, 41, 48

$$65, 66, 73 = 1564$$

mediana:

35, 39, 40, 40, 40, 40, 41, 41, 43, 43, 44, 45, 48, 48, 52, 52, 53, 54, 55, 58, 59, 60, 60, 61, 65, 66, 67, 69, 70, 73

$$\frac{52+52}{2} = \frac{104}{2} = 52$$

moda:

35, 39, 40, 40, 40, 40, 41, 41, 43, 43, 44, 45, 48, 48, 52, 52, 53, 54, 55, 58, 59, 60, 60, 61, 65, 66, 67, 69, 70, 73.

$$\text{Moda} = 40$$

Varianza:

$$s^2 = \sum \bar{y}_i^2 - (\sum \bar{y}_i)^2$$

$$\sum \bar{y}_i^2 = 1564$$

$$\sum \bar{y}_i^2 = 85,134$$

$$s^2 = \frac{85,134 - \left(\frac{1564}{30}\right)^2}{29}$$

$$s^2 = \frac{85,134 - 81,536.5}{29} = \frac{3577.5}{29} = 124.05$$

$$s^2 = 124.05$$

$$s = 11.13$$

Carlos Alberto Avendaño Boffinos.