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Nombre de la profesora: Albores Aguilar Jorge Enrique

Nombre del trabajo: Ejercicio

Materia: Estadística Descriptiva en Nutrición

Grado: 3°

Grupo: NUTRICIÓN

Media:

40, 40, 41, 44, 43, 52, 35, 39, 59, 45, 60, 48, 53, 58, 55, 43, 40, 60, 67, 69, 40, 52, 64, 54, 70, 41, 48
65, 66, 73 = 1564

$$\bar{X} = \frac{1564}{30} = 52,13$$

Mediana:

35, 39, 40, 40, 40, 40, 41, 41, 43, 43, 44, 45, 48, 48, 52, 52, 53, 54, 55, 58, 59, 60, 60, 64, 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, 64, 65, 66, 67, 69
70, 73

$$M_0 = 40$$

Varianza:

$$s^2 = \frac{\sum \bar{y}_i^2 - (\sum \bar{y}_i)^2}{n-1}$$

$$\sum y_i = 1564$$

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

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

$$s^2 = \frac{85,134 - 81,536,5}{29} = \frac{3597,5}{29} = 124,05$$

$$s^2 = 124,05$$

$$s = 11,13$$

Francisco Eduardo Alboreo Alfaro.