

Tarea 3#

Anderson Rodas

Fecha / Date:

X	F	FX	$ x - \bar{x} $	F $ d $	$(x - \bar{x})^2$	F $(x - \bar{x})^2$
29	2	58	29.81	59.62	888.64	1777.28
38	2	76	20.81	41.62	433.06	866.12
47	2	94	17.81	23.62	739.48	278.95
66	10	560	2.81	5.62	7.89	94.75
65	11	775	6.79	72.88	38.32	427.48
74	4	296	15.79	30.38	230.74	922.95
83	7	83	24.79	48.38	585.76	585.76
	32	7882		227.62		4,946.69

$$\bar{x} = 58.81$$

$$Dm = 6.93$$

$$s = 72.44$$

$$\bar{x} = \frac{\sum FX}{N}$$

$$\bar{x} = \frac{7882}{32} = 58.81$$

$$Dm = \frac{\sum F|d|}{N} = \frac{227.62}{32} = 6.93$$

$$s = \sqrt{\frac{\sum F(x - \bar{x})^2}{N}}$$

$$s = \sqrt{\frac{4,946.69}{32}}$$

$$s = \sqrt{754.58}$$

$$s = 72.44$$