

Tarea #5

Anderson Rodas

Fecha / Date:

4to Admon

x	x_5	f	$f x_5$	$ d $	$ x_5 - \bar{x} $	$f d $	$(x_5 - \bar{x})^2$	$f(x_5 - \bar{x})^2$
34 - 42	38	2	76	29.8	59.8	59.6	888.04	7776.08
43 - 57	47	3	141	20.2	62.4	62.4	432.64	7207.92
52 - 60	56	8	448	11.8	94.4	94.4	123.8	7773.92
61 - 69	65	13	845	2.8	36.4	36.4	78.4	101.92
70 - 78	74	10	740	6.2	62.4	62.4	38.44	384.4
79 - 87	83	3	249	15.2	45.6	45.6	231.04	693.12
88 - 96	92	6	552	24.2	145.2	145.2	585.64	3513.84
		45	3057			5056		8887.2

$$\bar{x} = 67.8$$

$$D.M. = 772.36$$

$$s = 25.3$$

$$\bar{x} = \frac{\sum f x_5}{N} = \frac{3057}{45} = 67.8$$

$$D.M. = \frac{\sum f |d|}{N} = \frac{5056}{45} = 772.36$$

$$s = \sqrt{\frac{\sum f (x_5 - \bar{x})^2}{N}} = \sqrt{\frac{8887.2}{35}} = 253.74$$