

ACTIVIDAD NO. 8

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Punteos obtenidos en Legislación Fiscal.

X	LRI	LRS	XS	F	Fa	FxS	d=XS-X	F/d	(XS-X) ²	F(XS-X) ²	(XS-X) ³	F(XS-X) ³	(XS-X) ⁴
40	-51	39.5	51.5	1	1	49.5	-28.18	28.18	794.11	794.11	-22,378.09	-22,378.09	630,614.50
52	-63	51.5	63.5	4	5	230	-16.18	64.72	261.79	1,047.16	-4,235.80	-16,943.2	68,535.26
64	-75	63.5	75.5	2	7	1529	-4.18	91.96	17.47	384.34	-73.03	-1,606.66	305.28
76	-87	75.5	87.5	1	8	8965	7.82	86.02	61.15	672.65	478.21	5,260.31	3739.62
88	-99	87.5	99.5	5	13	4675	19.82	99.1	392.83	1,964.15	7,785.94	38,929.7	154,317.29
				43		3,1685		369.98		4,862.41		3,262.06	

F(XS-X) ⁴	F(XS-X) ⁵
630,614.50	-17,770,716.72
274,141.04	-1,108,900.52
6,716.16	-28,073.98
41,135.82	29,243.80
771,586.45	3,058,568.78
1,724,193.97	-6,619,867.08

$$X = \frac{3,1685}{43} = 73.68 \quad D.M = \frac{369.98}{43} = 8.60$$

$$M_2 = \frac{4,862.41}{43} = 113.08 \quad M_3 = \frac{3,262.06}{43} = 75.86$$

$$M_4 = \frac{1,724,193.97}{43} = 40,097.53$$

$$M_5 = \frac{-6,619,867.08}{43} = -153,950.40$$

$$S = \sqrt{113.08} = 10.63$$

$$V = \frac{10.63}{73.68} \times 100$$

$$V = 0.14 \times 100 = 14\%$$

La media es bastante representativa.

$$B_1 = \frac{M_3^2}{M_2^3} = B_1 = \frac{75.86^2}{113.08^3} = \frac{5,754.74}{1,445,963.73} = 0.004$$

$$B_2 = \frac{M_4}{M_2^2} = B_2 = \frac{40,097.53}{12,787.09} = 3.14 \text{ Leptocórtica.}$$

$$Md = L_{ri} + \left(\frac{N/2 - f_{aa}}{f} \right) i \quad 43/2 = 21.5$$

$$Md = 63.5 + \left(\frac{21.5 - 5}{22} \right) 12$$

$$63.5 + \left(\frac{16.5}{22} \right) 12$$

$$63.5 + (0.75) 12$$

$$63.5 + 9$$

$$72.5$$

$$SK = 3 \left(\frac{\bar{x} - Md}{s} \right)$$

$$SK = 3 \left(\frac{73.68 - 72.5}{10.63} \right) = 0.33 \text{ Asimetría positiva}$$