

Puntuos obtenida por 49 alumnos
en un examen.

X	X _h	f	f x x _h	d = (x _h - $\bar{x}$)	f d	(x _h - $\bar{x}$) ²	f (x _h - $\bar{x}$) ²
60-69	64.5	1	64.5	18.98	18.98	360.24	360.24
70-79	74.5	16	1,192	8.98	143.68	80.64	1,290.24
80-89	84.5	19	1,605.5	1.02	19.38	1.04	19.76
90-99	94.5	13	1,228.5	11.02	143.26	127.44	1,578.72
		49	4,090.5		325.3		3,249.36

$$\bar{x} = \frac{\sum f x_h}{N}$$

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

$$S = \sqrt{\frac{\sum f (x_h - \bar{x})^2}{N}}$$

$$\bar{x} = \frac{4,090.5}{49}$$

$$D.M. = \frac{325.3}{49}$$

$$S = \sqrt{\frac{3,249.36}{49}}$$

$$\bar{x} = 83.48$$

$$D.M. = 6.64$$

$$S = \sqrt{66.31}$$

$$V = \frac{S}{\bar{x}} \times 100$$

$$S = 8.14$$

$$V = \frac{8.14}{83.48} \times 100$$

$$V = 9.75\%$$

La media es
altamente Representativa