Cuenta obtenida con 30 alumnos en una prueba de hábitos de estudio

x	x_0	f	$f \cdot x_0$	$f\lvert x_0 - \bar{x} \rvert$	$f\lvert x_0 - \bar{x} \rvert$	$(x_0 - \bar{x})^2$	$f(x_0 - \bar{x})^2$
40-49	47	1	47	28.33	28.33	802.59	802.59
50-54	52	1	52	23.33	23.33	544.29	544.21
55-59	57	1	57	18.33	18.33	335.99	335.99
60-64	62	3	186	13.33	39.99	177.69	533.07
65-69	67	2	134	8.33	16.66	69.39	138.78
70-74	72	5	360	3.33	16.65	11.09	55.45
75-79	77	6	385	1.67	8.35	2.79	13.95
80-84	82	4	328	6.67	26.68	44.49	177.96
85-89	87	5	435	11.67	58.35	136.19	680.95
90-94	92	3	276	16.67	50.01	277.89	833.67
		30	2,240		286.68		4,116.7

$\bar{x} = \frac{\sum fx_0}{N}$ $\quad D.M. = \frac{\sum f|x_0 - \bar{x}|}{N}$ $\quad S = \sqrt{\frac{\sum f(x_0 - \bar{x})^2}{N}}$

$\bar{x} = \frac{2240}{30}$ $\quad D.M. = \frac{286.68}{30}$ $\quad S = \sqrt{\frac{4,116.7}{30}}$

$\bar{x} = 75.33$ $\quad D.M. = 9.56$ $\quad S = \sqrt{137.22}$

$S = 11.71$

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

$V = \frac{11.71}{75.33} \times 100$ $\quad V = 15.54$ La medida es confiable representativa