

Rafael Arceaga tarea #6

X	XS	F	Fxs	$ d $	$ d \cdot x$	$(x - \bar{x})^2$	$f(x - \bar{x})^2$
45-49	47	1	47	28.33	28.33	802.59	802.59
50-54	52	1	52	23.33	23.33	544.29	544.29
55-59	57	1	57	18.33	18.33	335.99	335.99
60-64	62	3	186	13.33	40	177.69	533.07
65-69	67	2	134	8.33	16.67	69.39	138.78
70-74	72	5	360	3.33	16.67	11.09	55.45
75-79	77	5	385	1.67	8.33	2.79	13.95
80-84	82	4	328	6.67	26.69	44.49	177.96
85-89	87	5	435	11.67	58.36	136.19	680.95
90-94	92	3	276	16.67	50.01	277.89	833.67
	30	2,260			286.74		4,116.7

$$\bar{x} = \frac{2,260}{30} = 75.33$$

$$DM = \frac{286.74}{30} = 9.56$$

$$S = \sqrt{\frac{4,116.7}{30}} = \sqrt{137.22} = 11.71$$

$$V = \frac{77.77}{75.33} \times 100 = 15.54\%$$