

Tarea No. 6. Jacqueline Morales

X	F	XS	FXS	d	XS - $\bar{x}$	F d	(XS - $\bar{x}$) ²	F(XS - $\bar{x}$) ²
45-49	1	47	47	28.33	28.33	28.33	802.59	802.59
50-54	1	52	52	23.33	23.33	23.33	544.29	544.29
55-59	1	57	57	18.33	18.33	18.33	335.99	335.99
60-64	3	62	186	13.33	13.33	39.99	177.69	533.07
65-69	2	67	134	8.33	8.33	16.66	69.39	138.78
70-74	5	72	360	3.33	3.33	16.65	11.09	55.45
75-79	5	77	385	1.67	1.67	8.35	2.74	13.95
80-84	4	82	328	6.67	6.67	26.68	44.49	177.96
85-89	5	87	435	11.67	11.67	58.35	136.19	680.95
90-94	3	92	276	16.67	16.67	50.01	277.89	833.67

2260

286.68

4116.70

$$\bar{x} = \frac{2260}{80} = 28.25$$

$$DM = \frac{286.68}{80} = 3.58$$

$$S = \sqrt{\frac{4116.70}{80}}$$

$$S = \sqrt{51.46} = 7.17$$

$$V = \frac{7.17}{28.25} \times 100 = 25.38\%$$