

Quilômetros percorridos por 35 alunos matriculados em um experimento de automação processual

L_i	A_i	N_i	N_i	f_i	f_i	f_i	f_i
57-62	54.5	62.5	59.5	4	4	238	
63-68	62.5	68.5	65.5	4	8	262	
69-74	68.5	74.5	71.5	4	12	286	
75-80	74.5	80.5	77.5	11	23	352.5	
81-86	80.5	86.5	83.5	4	29	501	
87-92	86.5	92.5	89.5	5	34	547.5	
93-98	92.5	98.5	95.5	1	35	95.5	
				35		2,682.5	

$$\bar{X} = \frac{2,682.5}{35} = 76.64$$

mediana.

$$Md = 74.5 + \left(\frac{17.5 - 12}{11} \right) 4$$

$$Md = \frac{35}{2} = 17.5$$

$$Md = 74.5 + (0.5) 4$$

$$Md = 74.5 + \left(\frac{5.5}{11} \right) 4$$

$$Md = 77.5$$

$$Md = 74.5 + 3$$

Moda:

$$11 - 4 = 7$$

$$11 - 6 = 5$$

$$M_0 = (74.5 + 0.58)4$$

$$M_0 = 74.5 + \left(\frac{7}{16}\right)4$$

$$M_0 = 74.5 + \left(\frac{7}{12}\right)4$$

$$M_0 = 74.5 + 3.48$$

$$M_0 = 77.98$$