

¡medidas!

K	LA	Lri	Lrs	XS	F	FA	FXS
1	34 - 42	33.5	42.5	38	2	2	76
2	43 - 51	42.5	51.5	47	3	5	141
3	52 - 60	51.5	60.5	56	8	13	448
4	61 - 69	60.5	69.5	65	13	26	845
5	70 - 78	69.5	78.5	74	10	36	740
6	79 - 87	78.5	87.5	83	3	39	249
7	88 - 96	87.5	96.5	92	6	45	552
							$\Sigma fxs = 3051$

media:

$$\bar{X} = \frac{3051}{45} = 67.8$$

mediana

$$md = Lri + \frac{(N/2 - fa_{i-1})}{f_i}$$

$$45/2 = 22.5$$

$$md = 60.5 + \frac{(22.5 - 13)}{13} \cdot 9$$

$$md = 60.5 + \frac{(9.5)}{13} \cdot 9$$

$$md = 60.5 + (0.73) \cdot 9$$

$$md = 60.5 + 6.57$$

$$md = 67.07$$

moda

$$mo = Lri + \left(\frac{\Delta_1}{\Delta_1 + \Delta_2} \right) i$$

$$\Delta_1 = 13 - 8 = 5$$

$$\Delta_2 = 13 - 10 = 3$$

$$mo = 60.5 + \left(\frac{5}{5+3} \right) 9$$

$$mo = 60.5 + \left(\frac{5}{8} \right) 9$$

$$mo = 60.5 + (0.63) 9$$

$$mo = 60.5 + 5.67$$

$$mo = 66.17$$