

50. Establecimientos

~~42~~, ~~65~~, ~~36~~, ~~37~~, ~~58~~, ~~57~~, ~~62~~, 58, ~~54~~, 45, ~~51~~,
 50, ~~50~~, ~~51~~, 42, ~~51~~, ~~62~~, 50, ~~62~~, 50, 42
~~56~~, 46, ~~56~~, ~~53~~, 40, 62, 62, 50, ~~56~~,
 46, 54, 52, 51, ~~51~~, 45, 58, 48, 55,
~~50~~, 36, ~~56~~, 37, ~~53~~, 46, ~~57~~, 65, ~~57~~

$R = 26$

$h = 6$

$A = 5$

Clase	X_i	F_i	Pr	F	$X_i - F_i$
36 - 41	38.5	5	0.1	5	192.5
41 - 46	43.5	5	0.1	10	217.5
46 - 51	48.5	8	0.16	18	388
51 - 56	53.5	9	0.18	27	481.5
56 - 61	58.5	13	0.26	40	760.5
61 - 66	63.5	10	0.2	50	630
		50	1		2,670

$x = 53.4$
 $Me = 54.89$
 $Mo = 56.16$

$$X = \frac{LH + LS}{2}$$

$$Fr = \frac{F}{N}$$

$$\bar{X} = \frac{\sum x_i F_i}{N} \quad \bar{X} = \frac{2,670}{50} = 53.4$$

$$\begin{aligned}
 Me &= LH + \frac{\frac{N}{2} - F_{i-1}}{F_i} \cdot ai \\
 &= 46 + \frac{25 - 10}{8} \cdot 5 \\
 &= 46 + 7.5 = 53.5
 \end{aligned}$$