

⑥ no. of seats	frequency f_i	class Marks x_i	$u_i = \frac{x_i - a}{h}$	$f_i x_i$
100 - 104	15	102	-2	-30
104 - 108	20	106	-1	-20
108 - 112	32	110 = a	0	0
112 - 116	18	114	1	18
116 - 120	15	118	2	30
	120			-2

$$\begin{aligned}
 \text{Mean}(\bar{x}) &= a + \frac{\sum f_i u_i}{\sum f_i} \times h \\
 &= 110 + \frac{-2}{120} \times 4 \\
 &= 110 - 0.067 \\
 &= 109.933
 \end{aligned}$$