

Class	x_i	f_i	p_i	F	
36-40	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	10	0.20	40	766.5
61-66	63.5	13	0.26	50	630
		<u>50</u>	<u>1</u>		<u>2,670</u>

$$\bar{X} = 53.4$$

$$M_e = 54.84$$

$$M_0 = 56.16$$

$$\bar{X} = \frac{\sum x_i f_i}{N} = \frac{2670}{50} = 53.4$$

$$M_e = \frac{L_i + 2 \cdot f_i - 1}{46 \cdot \frac{50}{2} - f_i} = \frac{46 + \frac{50}{2} - 10}{2} = 48 + \frac{15}{2} = 55.5$$

$$R = x_{\max} - x_{\min}$$

$$R = 62 - 36$$

$$R = 26$$

$$K = 1 + 3.22 \log(50)$$

$$K = 6$$

$$A = \frac{R}{K} = \frac{26}{6}$$

$$A = 4.3$$

$$46 + 175 = 557.5$$