

range	freq
(5.4, 6.4)	3
(6.4, 7.4)	1
(7.4, 8.4)	5
(8.4, 9.4)	9
(9.4, 10.4)	9
(10.4, 11.4)	3

$$\begin{aligned}\overline{x_b} &= 8.87 \\ \mu_2 = D &= 1.90\end{aligned}$$

$$\mu_3 = \frac{1}{n} \sum_{j=1}^L n_j (x_j - \overline{x_b})^3 = \frac{1}{30} * (-55.87) = -1.86$$

$$\mu_4 = \frac{1}{n} \sum_{j=1}^L n_j (x_j - \overline{x_b})^4 = \frac{1}{30} * (313.99) = 10.47$$

$$\beta_1^2 = \frac{\mu_2^3}{\mu_3^2} = \frac{6.86}{3.47} = 0.51$$

$$\beta_2 = \frac{\mu_4}{\mu_2^2} = \frac{10.47}{3.61} = 2.90$$

