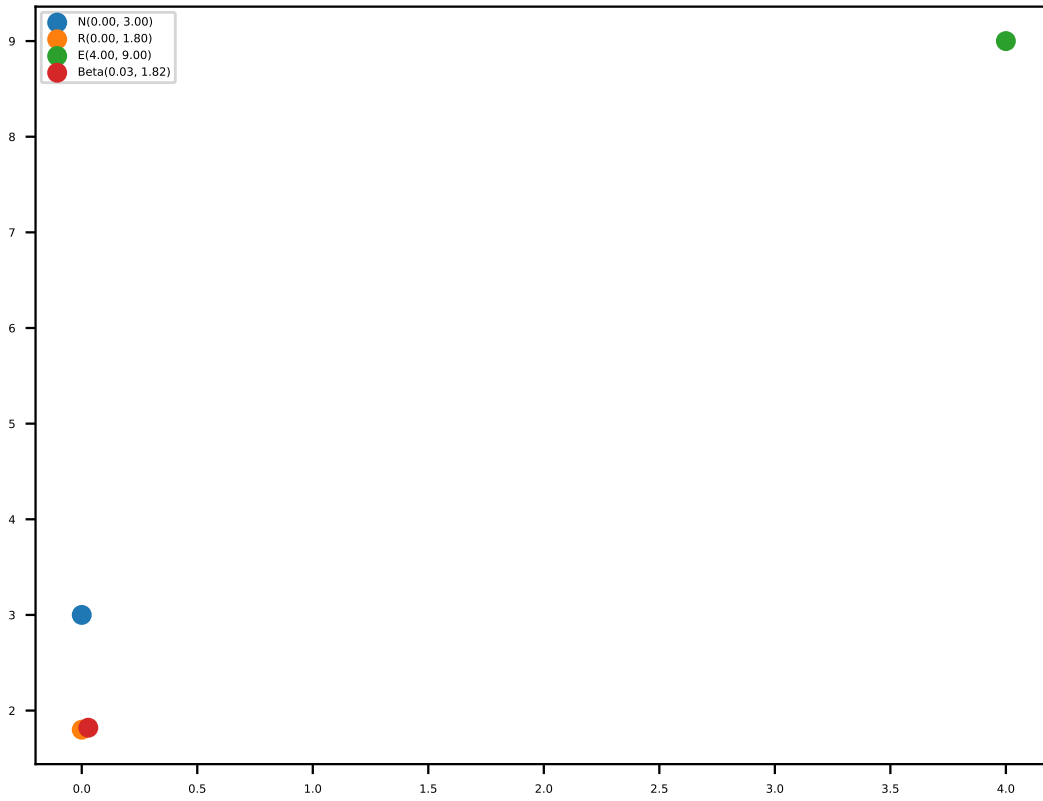| range	freq
(105.0, 123.6)	7
(123.6, 142.2)	1
(142.2, 160.8)	11
(160.8, 179.4)	2
(179.4, 198.0)	9

$$\overline{x_b} = 154.60$$

$$\mu_2 = D = 753.02$$

$$\mu_3 = \frac{1}{n} \sum_{j=1}^{L} n_j (x_j - \overline{x_b})^3 = \frac{1}{30} * (-104387.66) = -3479.59$$

$$\mu_4 = \frac{1}{n} \sum_{j=1}^{L} n_j (x_j - \overline{x_b})^4 = \frac{1}{30} * (30971015.55) = 1032367.19$$

$$\beta_1^2 = \frac{\mu_2^3}{\mu_3^2} = \frac{426991798.44}{12107538.22} = 0.03$$

$$\beta_2 = \frac{\mu_4}{\mu_2^2} = \frac{1032367.19}{567039.12} = 1.82$$

Legend:
- N(0.00, 3.00)
- R(0.00, 1.80)
- E(4.00, 9.00)
- Beta(0.03, 1.82)

$$\lambda = \sigma = \sqrt{D} = \sqrt{753.02} = 27.44$$

$$W_R(x;\ \alpha,\ \lambda) = \frac{1}{\lambda}$$

$$W_R(x;\ \alpha,\ 27.44) = \frac{1}{27.44} = 0.0364$$