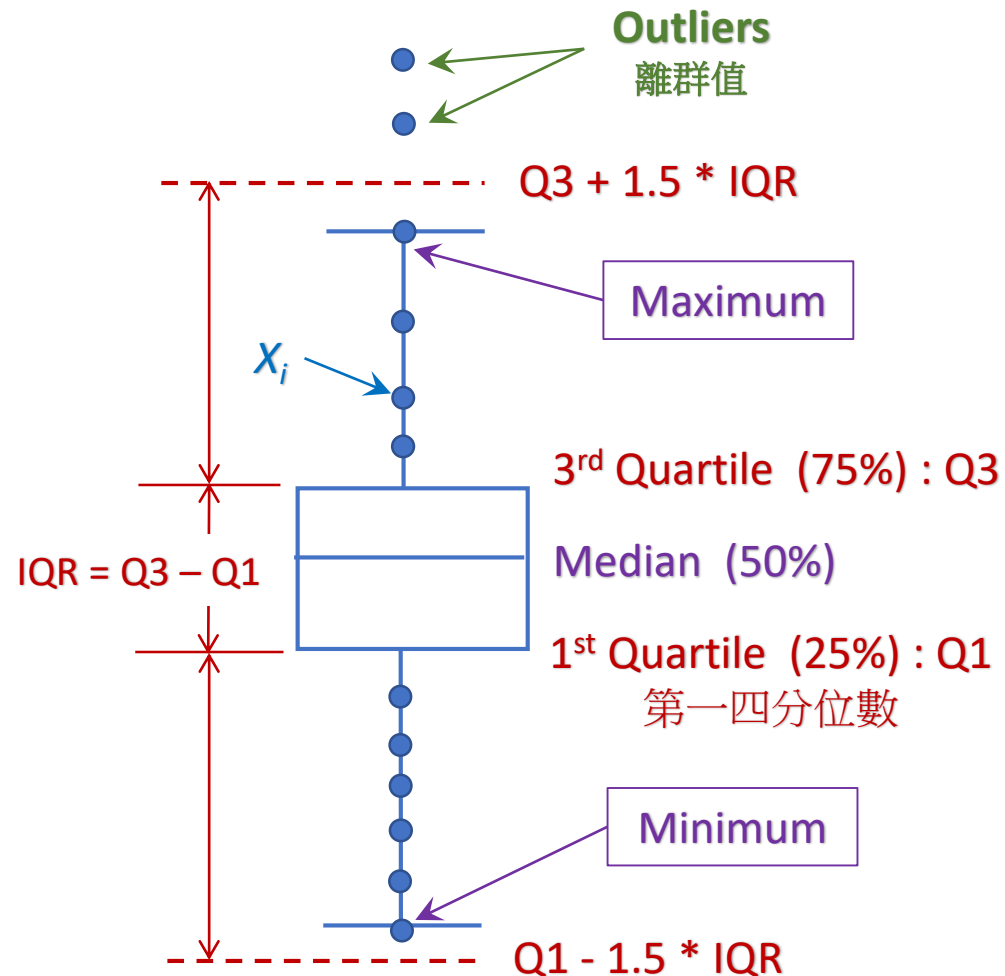


Centers – Median vs. Mean

- Median (中位數)



Normalization (正規化)

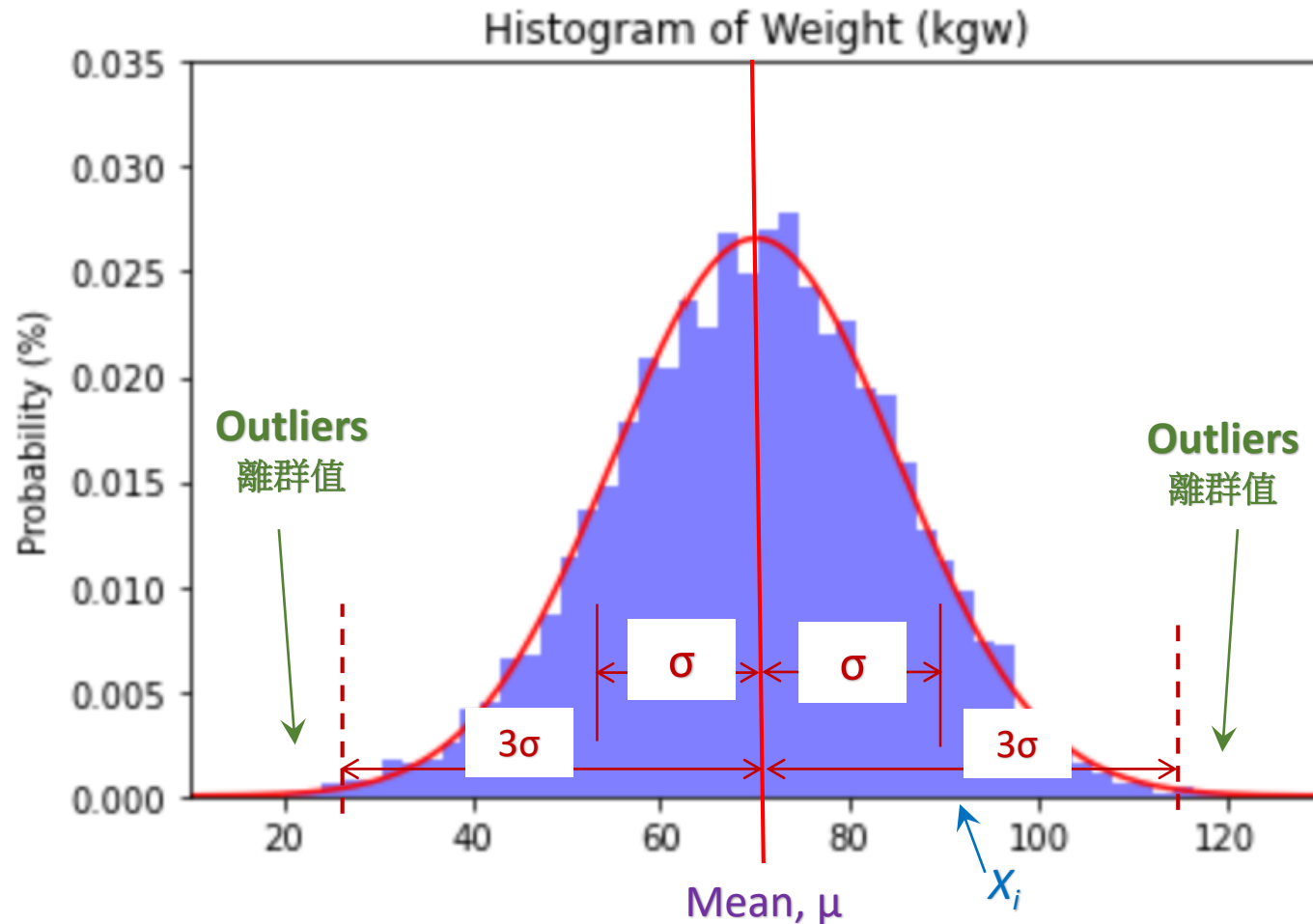
MinMax Normalization

$$X'_i = \frac{X_i - Min}{Max - Min}$$

where $X'_i \in [0, 1]$

Centers – Median vs. Mean

- Mean (平均值)



Normalization (正規化)

Z-score Standardization

$$Z_i = \frac{X_i - \mu}{\sigma}$$

where $Z_i \in \mathbf{R}$