

I. Percentiles (p.122): $n\%$ means “n per hundred”

the n^{th} percentile refers to $n\%$ of the data values $x_i \leq x_p$

e.g., **MD = 50th percentile** as 50% of data values $x_i \leq \text{MD}$

II. Five Number Summary (p.125):

consists of 5 salient statistical values...

x_{\min} , Q_1 , MD (*a.k.a.* Q_2), Q_3 , x_{\max} (see p.123/Fig.3-5)

where **$Q_1 = 25^{\text{th}}$ percentile** & **$Q_3 = 75^{\text{th}}$ percentile**

and $Q_3 - Q_1 = \text{IQR}$ (*i.e.*, InterQuartile Range)

III. Examples (pp.129-130): #6ab, 10b & IQR

IV. Box-and-Whisker Plots (p.126): not covered

HW: pp.129-130 / #1,3,5ab,7(IQR *only*),9b & IQR