Five number summany

(i) Mln (ii) (Q1 (iii) Median (iv) (Q3 (v) Max

We use to bind/nemove outliens $\begin{cases} 1, 2, 3, 4 = 5, 6, 7, 8, 9, 10 \end{cases}$ Min = 1 $Q_1 = \frac{25}{100} \times 11 = 2.75 = 3$ We wind outliers?

Median = $\frac{516}{2} = \frac{11}{2} = 5.5$ $Q_3 = \frac{75}{100} \times 11 = 8.25 = 8$ Max = 10

I outlien How can we kind outliens? By using ICR & 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 1003 cutlin (- Clowerberne - - - - Highenberne) - > outlier Whenever we want to bird out/nemove outliers we need 2 things (i) Lowen bence (ii) Highen bence : 42.41:8-3 LF: Q1-1.5(IQR) = 3-1.5X5:-4.5 HF = Q3 + 1.5 (IQR) = 8+1.5×5 = 15.5 element $\left(-4.5 + 0.15.5\right)$ element outlien outlien

{1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 100} x outlien

Box & Whiskens Plots

