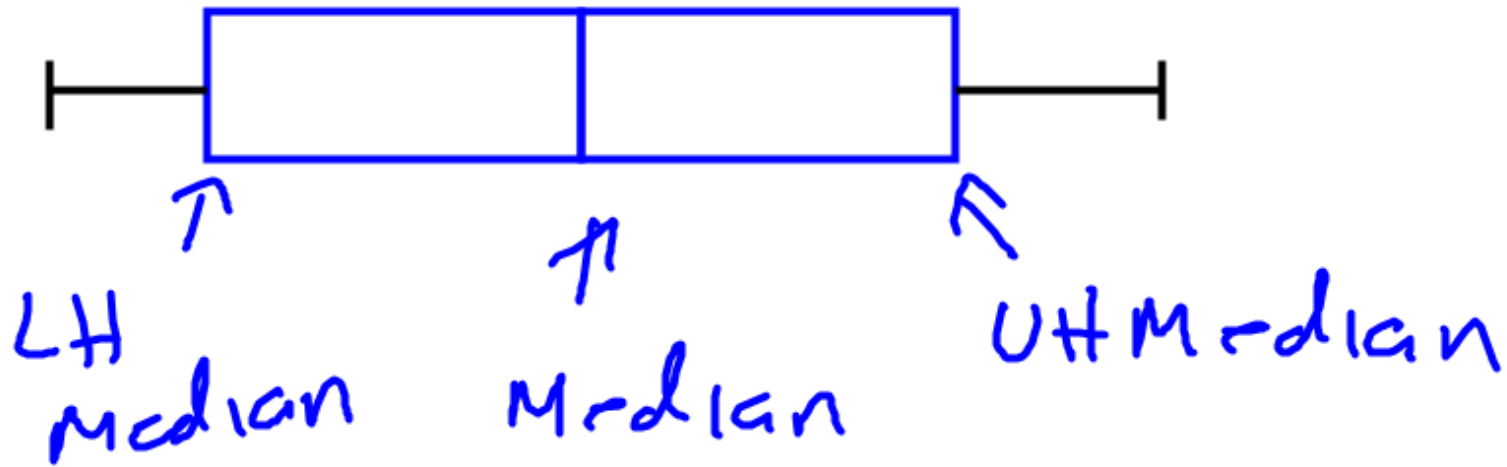


Box and Whisker Plots



14	8		
15	4	8	
16	4		
17	5	6	6
18	1	5	
19	3	6	9
20	0	7	
21	9		
22	3		
23	4	4	9
24	1	1	
25	2		

F		M
8	14	
8	15	4
4	16	
65	17	6
5	18	1
63	19	9
0	20	7
9	21	
	22	3
	23	449
	24	11
	25	2

14	8
15	4 8
16	4
17	5 6 6
18	1 5
19	3 6 9
20	0 7
21	9
22	3
23	4 4 9
24	1 1
25	2

$$\frac{19.6 + 19.9}{2} = 19.75$$

$$\text{LH Median} = 17.6$$

$$\text{UH Median} = 23.4$$

Interquartile
Range

$$\text{UH Median} - \text{LH Median}$$

$$23.4 - 17.6$$

$$5.8$$

14	8
15	4 8
16	4
17	5 6 6
18	1 5
19	3 6 9
20	0 7
21	9
22	3
23	4 4 9
24	1 1
25	2

$$\text{Median} = \frac{19.6 + 19.9}{2}$$

$$= 19.75$$

$$\text{LH Median} = 17.6$$

$$\text{UH Median} = 23.4$$

$$\text{Interquartile Range} =$$

$$23.4 - 17.6$$

$$5.8$$

$$\begin{aligned} \text{Interquartile Range} &= \\ 23.4 - 17.6 & \\ 5.8 & \end{aligned}$$

Lowest #
LH Median - 1.5 (Inter Range)

$$17.6 - 1.5(5.8) = 8.9$$

Highest #
UH Median + 1.5 (Inter Range)

$$23.4 + 1.5(5.8) = 32.1$$

