

The 5 number summary for the day and night classes is

	Minimum	Q1	Median	Q3	Maximum
Day	32	56	74.5	82.5	99
Night	25.5	78	81	89	98

Day

$$\text{IQR} = 82.5 - 56 = 26.5$$

Lesser Outlier

$$\begin{aligned} & Q1 - (1.5)(\text{IQR}) \\ &= 56 - (1.5)(26.5) \\ &= 56 - 39.75 \\ & \text{Lesser Outlier} = 16.25 \end{aligned}$$

Lesser Outlier is not Present

Greater Outlier

$$\begin{aligned} & Q3 + (1.5)(\text{IQR}) \\ &= 82.5 + 39.75 \\ & \text{Greater Outlier} = 122.25 \end{aligned}$$

Greater Outlier is not present

Night

$$\text{IQR} = 89 - 78 = 11$$

Lesser Outlier

$$\begin{aligned} &= 78 - (1.5)(11) \\ &= 78 - 16.5 \\ & \text{Lesser Outlier} = 61.5 \end{aligned}$$

Lesser outlier is Present

Greater outlier

$$=89+16.5$$

Greater Outlier =105.5

Greater Outlier is Not present