**3B Box Plots**

1. The blood glucose levels of 30 males is recorded. The results, in mmol/litre, are summarized below:

$Q\_{1}=3.6$ $Q\_{2}=4.0$ $Q\_{3}=4.7$

Lowest value = 1.4

Highest value = 5.2

An outlier falls either $1.5×IQR$ above $Q\_{3}$, or $1.5×IQR$ below $Q\_{1}$.

1. Given that there is only 1 outlier for males, plot this information on the same diagram as the females.



1. Compare the blood glucose levels for males and females.