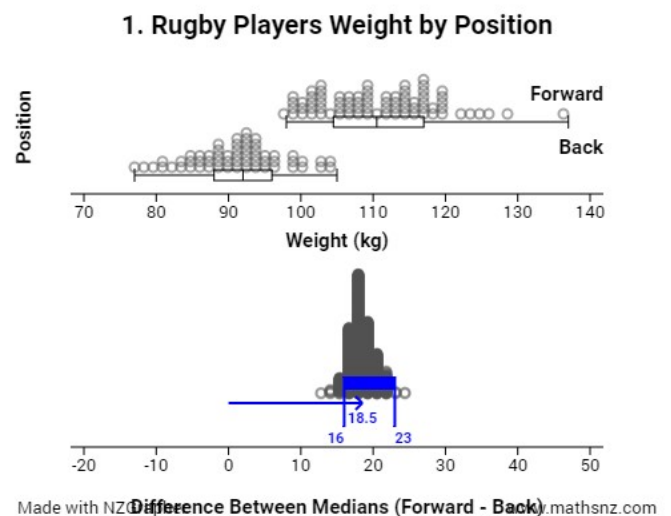


Part 7: Using NZGrapher to Create a Bootstrap Confidence Interval

This part is really easy... all you need to do is change the graph type from the graph that we did earlier to a bootstrap confidence interval.

I recommend you use the median, as that is what we focus on in this booklet, but if you think the mean is better for your dataset, then use that... just justify it in your report somewhere.

This gives the output shown to the right, which tells us the difference between the medians is 18.50kg, but that we can be reasonably confident that forwards will be between 16kg and 23kgs on average heavier than the backs.



Now it is your turn. For each dataset you need to produce the bootstrap confidence interval... don't forget to write down the confidence intervals so you can refer back to them later.

1. ___ 16 kg ___ to ___ 23 kg ___
2. ___ to ___
3. ___ to ___
4. ___ to ___
5. ___ to ___
6. ___ to ___