Using iNZight

This is free statistical software from Auckland University   https://www.stat.auckland.ac.nz/~wild/iNZight/index.html

You can download a copy yourself to practice using at home. (No installation needed, it can run off a USB)

With iNZight we will:

      1 - Take a random sample,

      2 - Calculate sample statistics,

      3 - Produce a comparative box plot

      4 - Add informal confidence intervals to the box plots.

1) Go to S: drive / maths drop box / iNZight and find the 🖳 START_iNZightVIT

2) Start iNZight then to start it click the 'Run iNZight' (it takes a few sec to get going)

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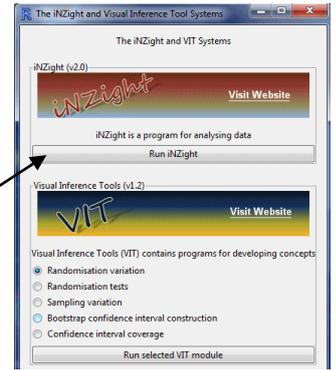
1)   This is where you 'import data'

4)   This is you make a random sample

Here is where the graph will appear.

Make sure it is a box plot

2)   This is where the data will appear

3)   Drag and drop the variables here that you want here.

Remember ONE variable & TWO categorical groups

5)   This is you get your sample statistics needed to calculate your informal confidence interval

6)   This is you add your informal confidence intervals to the box plot

Summary of height by gender:

	Min.	1st Qu.	Median	Mean	3rd Qu.	Max.	Std.dev	Sample.Size	n.missing
female	125	152	159	157	165	175	11.4	41	5
male	127	145	154	156	167	179	13.5	33	1

Steps:

1) Get familiar with inputting data, selecting different variables & making box plots

2) Take random samples, with different sample sizes

3) Getting 'summary statistics' & how to copy them to another place (your report)

4) Adding informal confidence interval to the box plat & how to copy them to another place (your report)

*** Remember the analysis using iNZight is just the analysis.

The IMPORTANT part is the DISCUSSION and INTERPRETATION of this. **What** you write in your report.