CONCLUSION

"...we come, to the end of the road." (Boys II Men)

The **formal inference** is used to answer the investigative question, **justifying the call** and linking back to the **purpose** of the investigation. The conclusion includes an **interpretation of the confidence interval** and a discussion of **sampling variability**. Findings are **clearly communicated** and linked to the context and populations. There is a reflection on the process or other explanations for the findings have been considered which may involve re-examining the data from a different perspective.

No errors are demonstrated in understanding, interpretation or explanation of findings and data.

1

Open iNZight.

Have issues with the software? please see Mr R. ASAP. Do not delay.

2

Use iNZight to perform 1000 re-samples.

2. Import dataset

1. Select bootstrap, then "Run"

3. Select variables

4. (a) Click 'Analyse' tab,
(b) then select "median".
(c) Click 'Record my choices'

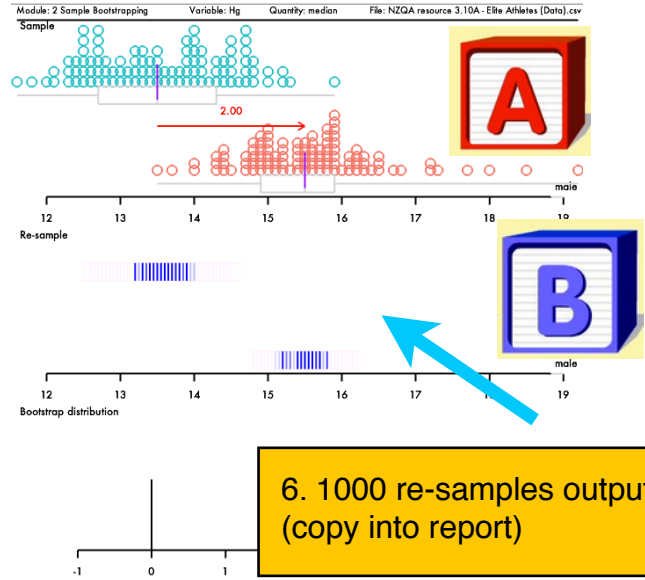5. Select 1000 re-samples, and click 'Go".

Re-sampling

Number of repetitions
- 1
- 5
- 2
- 1000

Animate points and tre sample

Go

Sample

2.00

male

12   13   14   15   16   17   18   19

Re-sample

12   13   14   15   16   17   19

Bootstrap distribution

male

-1   0   1

6. 1000 re-samples output (copy into report)

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7. Select 1000 re-samples, then click 'Go'

Include bootstrap distribution

Number of repetitions
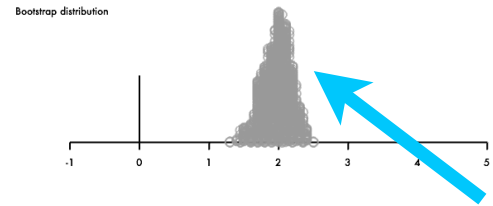- 1
- 5
- 20
- 1000

Go

Bootstrap distribution

-1   0   1   2   3   4   5

8. Distribution of differences in the re-sampled medians (**do not** copy into report)

Include bootstrap distribution

Number of repetitions

9. Clock 'Show CI' to get bootstrapped confidence

- 20
- 1000

Go

Show CI   Fade on/

10. Bootstrapped confidence interval output (copy into report).

2.00

-1   0   1   2   3   4   5

1.50   2.35