

Part 9a: Writing Your Own Internal 1

Using the framework below write a report on the diamonds data. You can use the sample internal at the end of the booklet to help you if you need it.

Diamond Testing

Title is given

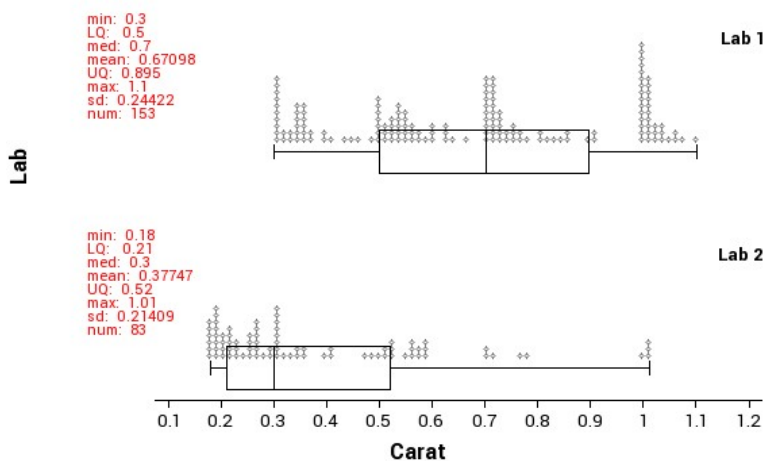
Problem

Comparative question posed and source identified

Variables Identified

Data

Diamond Carat by Lab



Dot plots and box and whisker plots are produced with summary statistics

Analysis

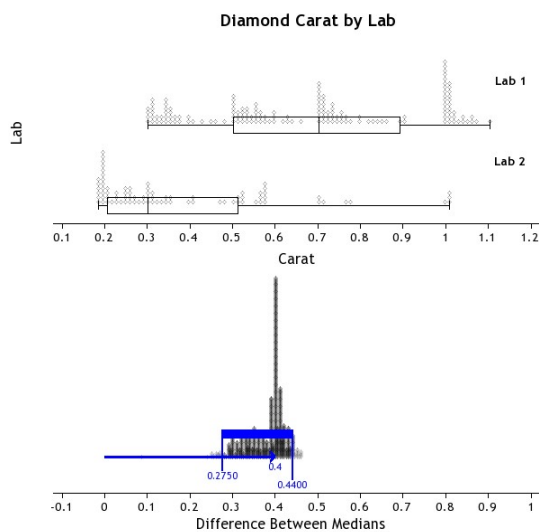
Centre

Shift / Overlap

Spread

Shape

Unusual
 Features given
 with possible
 explanations



Conclusion

A formal
 inference is
 made using
 resampling

The question is answered

and

sampling
 variation is
 discussed.