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A)

A screenshot of a computer

Description automatically generated

From the above graphical representation we can observe the mean and max glucose statistics of population and sample , which are termed as population mean, population max and sample mean, sample max

However both population and sample mean’s are comparatively less than that of population max and sample max

From the whole representation sample max and sample mean are less than population max and mean valuing around 178 and 120

B)

A screenshot of a computer

Description automatically generated

The above chart represents the comparision of 98th BMI percentile between population and the sample

However from the findings it is noticed that the 98th BMI percentile of sample is less than that of population with value something around 42 but BMI value of population stands above that with around 47.

C)A screenshot of a computer screen

Description automatically generated

The comparison between Population mean and bootstrap mean remains equal with a value near to 70

A blue and yellow rectangular shapes

Description automatically generated

When compared to population standard deviation bootstrap deviation is less which is so minimal

A blue and yellow rectangles

Description automatically generated

However on a value scale of 0-100 the percentiles of population and bootstrap has no big difference just a small variation . Bootstrap is less compared to population