**ASSIGNMENT-2**

A)

Chart, histogram

Description automatically generated

Histogram Comparison of Highest Glucose Values

Chart, histogram

Description automatically generated

B)  
Comparison of the 98th Percentile of BMI

Chart, bar chart

Description automatically generated

The findings of the bar plot above reveal that the 98th percentile of both the sample and population data does not differ significantly.

C)

Box Plot of Means of Bootstrap Samples and Population

A picture containing chart

Description automatically generated

Box Plot of Standard Deviations of Bootstrap Samples and Population

Text

Description automatically generated with low confidence

Box Plot of 95th Percentiles of Bootstrap Samples and Population

Chart

Description automatically generated with low confidence