1.

True mean: 

Within the true mean: Yes, Not in the true mean: No

Text

Description automatically generatedYes

Text

Description automatically generatedYes Yes

Text

Description automatically generatedYes Yes

Text

Description automatically generatedYes No

Text

Description automatically generated

Text

Description automatically generatedYes Yes Yes

Text

Description automatically generatedYes Yes Yes

Text

Description automatically generatedYes Yes Yes No

Text

Description automatically generatedYes Yes Yes

There are 18/20 random samples of size 25 from the population of net race time contained the true mean.

2.

Text, letter

Description automatically generated

Text, letter

Description automatically generated

Text

Description automatically generated

Male cats’ heart weights and body weights are much heavier than those of female cats.

3.

Text

Description automatically generated

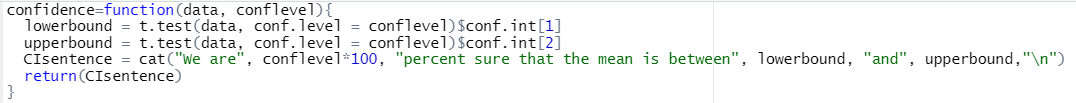
Text

Description automatically generated

As the sample size increases, the 95 percent confidence interval gets narrower.

4.





5.



Text

Description automatically generated

6.







Text

Description automatically generated