Practical 9

Exercises on Confidence interval

**Pre-Lab**

Why Confidence Interval Is Important?

**In Lab**

Download Heart.csv

(i)Calculate the standard error

(ii)Calculate the male population proportion with heart disease and standard error

(iiI)Calculate a confidence interval of the difference in the population proportion of females and males with heart disease

(iv) confidence interval of the mean cholesterol level of the female population

(V)Calculate the standard error using the formula for the standard error of the mean

*(vi) Construct the CI*

**Post Lab**

Calculation of CI of The Difference in Mean