

lab4 知识点

1. Descriptive statistics using R

mean();min(); median(); range(); var();sd(); summary(); quantile();

table();prop.table();quantile();fivenum();cv

kurtosis();skewness()

boxplot();hist();barplot()

error bar plot #barplot() with “arrows(), segments()”

2. Z-test using R

z.test()

#Testing single population mean

#Testing sample proportions

One-sample test of proportions

Two-sample test of proportions

3.T-test using R

t.test();dt();pt();qt();rt()

One sample t-test

Comparison of Two means t-test

Paired t-test

Independent samples