

40022 Linear Models and Statistical Analysis (3)

Knowledge

Should learn the Regression model, multivariate normal distribution, point and interval estimates.

Comprehension

To learn Gauss-Markov Theorem, correlation and regression, tests of hypotheses, applications.

Application

The main and most important application is to solve many different problems related to the subject.

Analysis

N/A

Synthesis

Should develop combinatorial and analytic skills to solve problems in statistical analysis and probability.

Evaluation

Should complete homeworks, pass midterm tests and a final exam.

Class Activities

To solve problems in class and discuss theorems.

Out of class Activities

To submit homework assignments.

