COURSE DETAIL

LINEAR REGRESSION
Country China
Host Institution Tsinghua University
Program(s) Tsinghua University
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Statistics
UCEAP Course Number 106
UCEAP Course Suffix
UCEAP Official Title LINEAR REGRESSION
UCEAP Transcript Title LINEAR REGRESSION
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description
"Linear Regression" is a professional basic course for the undergraduates' probability and statistics in mathematics. Students are required to learn "Statistical Inference" in advance. The goal of the course is to learn how to perform simple linear regression, multiple regression analysis, regression diagnosis, goodness of fit test, data transformation, variable selection, and generalized linear model, and require correct calculation and interpretation of results, using statistical software R to obtain practical experience. At the same time, it is required to learn some basic theories in the regression.

Language(s) of Instruction
Chinese

Host Institution Course Number
40420814

Host Institution Course Title
LINEAR REGRESSION

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Mathematics

Course Last Reviewed

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