

Statistics for Sociology II

Syllabus Number

STS-102

Compulsory Elective
2 credit

IKE, Shuichirou

1. Course Description

This course aims to develop the ability of statistical analysis on the base of Statistics for Sociology I. This lecture aims to teach how to test hypotheses statistically for group differences in means (z test, t test) and for an association between two variables (correlation and regression). This lecture also deals with chi-square test as non-parametric test. Moreover we learn Analysis of Variance (ANOVA) and Multi Regression. Compared to these parametric statistics, we practice non-parametric tests such as rank sum test. While learning the elementary statistics, we will be realize the problems in availing manner of the statistics nowadays.