Math 672: Statistical Methods II

Mathematics

This course is a continuation of Math 671. Topics covered are one-way and multi-way analysis of variance (ANOVA), balanced and unbalanced designs with fixed effects, random effects and mixed effects, model diagnostics, nested designs, repeated measures designs, fractional designs, Latin squares. SAS or R will be used to apply these methods with real data.

3 Credits

Prerequisites

- Math 671: Statistical Methods I

Instruction Type(s)

- Seminar: Seminar for Math 672

Subject Areas

- Mathematical Statistics and Probability
- Mathematics, General

Related Areas

- Algebra and Number Theory
- Analysis and Functional Analysis
- Geometry/Geometric Analysis
- Statistics, General
- Topology and Foundations