

INTRO TO STATISTICS APPLICATIONS

MWF 1:25-2:15 & F 2:30-3:20

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With Kremena Platikanova-Gross

The course introduces the principles of statistical reasoning and inference. It explores the following concepts: describing data with graphs and numerical measures, probability theory, probability distributions, sampling distributions, properties of estimators, confidence intervals, hypothesis testing, statistical inference, and bivariate regression analysis. The software used for applied statistical analysis in the course is R. This is an essential course for the understanding and further study of quantitative economic analysis.