STATISTICS 101-3

6.Sampling and Chance Models:
The concept of a sample survey is studied from the design stage through the conduct of the survey to the analysis of the results. Special attention is given to the role of chance errors on the accuracy of the results.

7.Estimation and Tests of Significance:
Elementary methods of analyzing the results of controlled experiments and observational studies are presented. Standard t-tests and c2-testsand related confidence intervals are introduced with emphasis on the role of the chance model, and the interpretation of the results.

Grading:
A grading scheme will be announced by the instructor at the beginning of the semester.

Students should be aware that they have certain rights to confidentiality concerning the return of course papers and the posting of marks. Please pay careful attention to the options discussed in class at the beginning of the semester. Students are reminded that Academic Honesty is a cornerstone of the acquisition of knowledge. Scholarly integrity is required of all members of the University. Please consult the General Guidelines of the calendar for more details.

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