Textbook:

Levin, Jack and James Alan Fox. *Elementary Statistics in Social Research* (10th ed.). Allyn and Bacon. Available at College Supply, LSU Bookstore

References:


Course Objectives:

This is the first statistics course in our Graduate program. Since all Sociology students will take SOCL 7203 (Multiple Regression) in Spring, this course does NOT emphasize regressions/correlations. Instead, we will try to construct solid building blocks for more advanced materials.

Previous statistical knowledge or experience with statistical packages (SPSS, SAS) is not required, though it certainly helps. You will learn basic procedures of SPSS in this course.

Exams/Grades:

There will be two exams; midterm and final. Several homework assignments, some of them using SPSS, will be assigned. The final will not be cumulative, but the understanding of previous contents will be required. Weights for each exam/assignment are as follows:

- Midterm 30%
- Final 40%
- Homework 30%
Grades are roughly assigned as follows. Remember, the criterion may change.

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Grade</th>
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<tbody>
<tr>
<td>90%+</td>
<td>A</td>
</tr>
<tr>
<td>75-89%</td>
<td>B</td>
</tr>
<tr>
<td>60-74%</td>
<td>C</td>
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<tr>
<td>50-59%</td>
<td>D</td>
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<tr>
<td>49%-</td>
<td>F</td>
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</tbody>
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**Approximate Class Schedule:** (Chapter numbers refer to those of Levin/Fox)

- **8/28, 30**  Introduction: Ch. 1
- **9/4, 6**    Organizing Data: Ch. 2
- **9/11, 13**  Central Tendency: Ch. 3
- **9/18, 20**  Variability: Ch. 4
- **9/25, 27**  Probability: Ch. 5
- **10/2, 4**   Samples and Populations: Ch. 6
- **10/9**      Hypothesis Testing: Supplemental Reading
- **10/11**     Fall Holiday (No Class)
- **10/16, 18** Hypothesis Testing (cont.)
- **10/23**     Midterm Exam
- **10/25, 30** Difference between Two Means: Ch. 7
- **11/1, 6, 8** Analysis of Variance: Ch. 8
- **11/13, 15, 20** Nonparametric Tests: Ch. 9
- **11/22**     Thanksgiving: No Class
- **11/27, 29, 12/4** Correlations: Ch. 10
- **12/6**      No Class (Dr. Kamo is out of town from 12/5 through 12/12)
- **12/14 (F)** Final Exam: Time TBA