

STATISTICS 634

SPRING SEMESTER, 2006

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Text: An Introduction to Categorical Data Analysis, by Alan Agresti

Grading: The final grade in this course will be based on a total of 375 points:
one in-class exam worth 150 points, homework assignments worth 25
points, project worth 50 points, and a final exam worth 150 points.

Additional References: Applied Categorical Data Analysis, by Daniel H. Freeman

Categorical Data Analysis, by Alan Agresti

Analysis of Ordinal Categorical Data, by Alan Agresti

Applied Logistic Regression, by David W. Hosmer and Stanley Lemeshow

<u>Topics</u>	<u>Sections in Text</u>
1. Introduction	1.1 - 1.3
2. Two-Way Contingency Tables	2.1 - 2.6
3. Three-Way Contingency Tables	3.1 - 3.3
4. Generalized Linear Models	4.1 - 4.4
5. Logistic Regression	5.1 - 5.5
6. Loglinear Models for Contingency Tables	6.1 - 6.5
<u>If Time:</u>	
7. Multicategory Logit Models	8.1 - 8.2
8. Models for Matched Pairs	9.1 - 9.5