

Statistics for Evidence-Based Practice and Evaluation (SW 318)

This course provides an overview of the fundamental concepts of statistics as they apply to evidence-based practice and evaluation in social work.

Topics covered include:

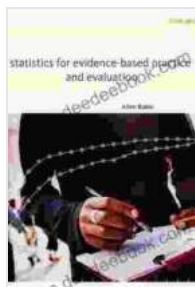
- Descriptive statistics
- Inferential statistics
- The interpretation of research findings

Upon completion of this course, students will be able to:

- Understand the basic concepts of statistics
- Apply statistical methods to analyze data from social work research
- Interpret the results of statistical analyses
- Use statistical findings to inform evidence-based practice and evaluation
- Field, A. (2013). *Discovering statistics using IBM SPSS statistics* (4th ed.). Thousand Oaks, CA: Sage.
- American Psychological Association. (2020). *Publication manual of the American Psychological Association* (7th ed.). Washington, DC: Author.
- Class participation: 10%

- Quizzes: 20%
- Midterm exam: 30%
- Final exam: 40%

Week 1: to Statistics



Statistics for Evidence-Based Practice and Evaluation (SW 318 Social Work Statistics) by Allen Rubin

★★★★☆ 4.6 out of 5

Language : English

File size : 20151 KB

Screen Reader : Supported

Print length : 368 pages

X-Ray for textbooks : Enabled



- What is statistics?
- The importance of statistics in social work
- Types of statistics

Week 2: Descriptive Statistics

- Measures of central tendency
- Measures of variability
- Graphic representations of data

Week 3: Inferential Statistics

- Hypothesis testing
- Confidence intervals
- Correlation and regression

Week 4: The Interpretation of Research Findings

- Statistical significance
- Effect size
- Clinical significance

Week 5: Applications of Statistics in Social Work

- Research design
- Data collection
- Data analysis
- Dissemination of findings

Week 6: Midterm Exam

Week 7: Advanced Statistical Methods

- Analysis of variance
- Factor analysis
- Structural equation modeling

Week 8: Using Statistics in Evidence-Based Practice

- Identifying evidence-based practices
- Evaluating the effectiveness of evidence-based practices
- Implementing evidence-based practices

Week 9: Using Statistics in Evaluation

- Designing evaluations
- Collecting data
- Analyzing data
- Reporting findings

Week 10: Final Exam

Students with disabilities who need accommodations in this course should contact the Disability Services office at (555) 555-5555.

All students are expected to maintain academic integrity. This includes:

- Completing all assignments independently
- Citing all sources correctly
- Avoiding plagiarism

Any student who violates the policy on academic integrity will receive a failing grade for the assignment and may be subject to further disciplinary action.

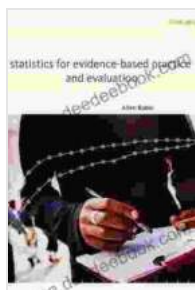
- Attendance is not mandatory, but it is strongly encouraged.

- Quizzes will be given at the beginning of each class and cannot be made up.
- The midterm and final exams are comprehensive and cannot be made up.
- Late assignments will not be accepted.
- Cell phones and other electronic devices must be turned off during class.
- Respectful behavior is expected of all students.

I hope this course provides you with the knowledge and skills you need to use statistics effectively in your social work practice.

Sincerely,

Jane Doe, PhD Professor of Social Work



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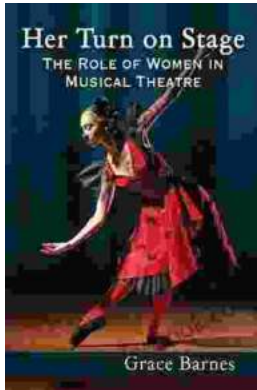
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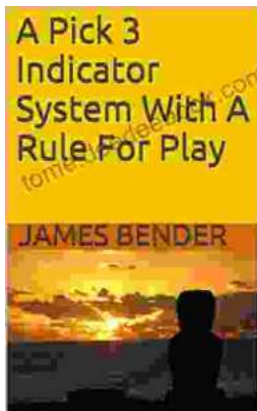
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