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Edit Course 
 214
 Statistical Methods
 in Behavioral Sciences
 PSY-Psychology
 Byrd, Krista

Statistical Methods in
 Behavioral Sciences
 PSY 214
 Existing proposal.

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Course Objectives
 Page Last Saved on Wednesday, May 9, 2012 at 12:36 PM
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


Upon satisfactory completion of the course, students will be able to:

1. determine the appropriateness and values of different measures of central tendency and variance, including standard scores and percentiles; and graphical representations of each.
2. compute the coefficients of Spearman's and of Pearson's correlations and levels of significance; regression equations; and graphical representations of each.
3. use probability theory to discuss aspects of the normal distribution including its use in statistical reasoning.
4. compute and interpret "t" scores and their significance using data from a minimum of two samples.
5. compute and interpret "F" ratios and significance levels from one-way and two-way analysis of variance.
6. compute and interpret results from non-parametric tests including chi-square and Mann-Whitney.
7. successfully load, interpret, and print output data sheets and graphs from statistical software such as SPSS and Excel.

Course Checklist

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Enter course objective and hit add. There is no outlining tool here so objectives are added one at a time.