

STATISTICS FALL 2009 HIGHLIGHTS

IMPROVEMENTS

1. Over 225 new questions available in Practice and Certify.
2. Default curriculum has been updated to include a wider variety of problem types.
3. Chapter Reviews added to the *Discovering Statistics* and *Beginning Statistics* tables of contents.
4. More than 50 questions added for WebTest in the “Additional Statistics Questions” plugin.
5. More than 70 questions added for WebTest in the “Beginning Statistics” plugin.
6. The word “Poisson” was removed from the word problems in the Poisson Distribution section.
7. Instruct screens updated for the following sections.
 - Measures of Center
 - Measures of Dispersion
 - Measures of Relative Position
 - Discrete Random Variables (aka Expected Value)
 - The Binomial Distribution
8. New section “Applying the Standard Deviation” with all new topics.
 - Sample mean, variance, and standard deviation of grouped data
 - Coefficient of variation
 - Empirical rule
 - Chebyshev’s Theorem
 - Introduction to proportions
9. New topics in Instruct screens and questions of existing sections.
 - Weighted mean
 - Trimmed mean
 - Moving average
 - Quartiles
 - Five-number summary
 - Interquartile range
 - Outliers
 - Box plots
 - Using probability distributions to compare payout and risk levels
 - Expected value of a binomial random variable
 - Standard deviation of a binomial random variable
10. All questions with data presented in a table or list now have a “Copy Data” button to allow the user to copy and paste the data into Excel or Minitab.
11. Data windows for questions in Practice, Certify, and WebTest are now movable on the screen.
12. Scatter Plots in the *Discovering Statistics* table of contents no longer includes hypothesis testing.

MULTIMEDIA

1. Audio has been updated for all tables of contents.