

Elementary Statistics: A Brief Version, 8e

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Detailed List of New Features

Global Changes

- Replaced over 70 examples with new ones and replaced approximately 400 new or revised exercises, many using real data.
- Updated Technology Tips sections.

Chapter by Chapter Changes

Chapter 1 Updated statistical examples to introduce how statistics are used in real life. Four-digit random numbers (Table D) are shown in order to generate a random sample. Expanded explanation of the difference between stratified and cluster sampling.

Chapter 3 New section on Linear Transformations of Data.

Chapter 5 New Procedure Table on how to construct and graph a probability distribution is given.

Chapters 7, 8, and 9 have been revised to allow professors who want to teach proportions before means to do so. They should cover the first sections of the chapters and then skip to the proportions sections and then do the mean sections. For those who prefer to teach means before proportions just follow the sequence in the book.

Chapters 8, 9, 10, and 11 allow professors to teach hypothesis testing using the P-values. All answers now contain P-values. It should be noted that the P-values obtained with technology may differ from those in the book since the calculations of P-values depend on the number of decimal places the technology uses to compute the test values.

Chapter 11 New introductory example.

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