

**ZMATH 2005a.00363**

**Watkins, Ann E.; Scheaffer, Richard L.; Cobb, George W.**

**Statistics in action. Understanding a world of data.**

Key Curriculum Press, Emeryville, CA. 780 p. (2004).

This book is designed for an introductory statistics course - either an introductory college course or its high school equivalent, Advanced Placement Statistics - and includes all of the standard topics for that course. Beginning in Chapter 1 with a court case about age discrimination, you will be immersed in real problems that can be solved only with statistical methods. You will learn to: explore, summarize, and display data; design surveys and experiments; use probability to understand random behavior; make inferences about populations by looking at samples from those populations; make inferences about the effect of treatments from designed experiments.

*Classification:* K10 U20

*Keywords:* chi-square tests