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Random Rectangles  
Discrimination or Not  
Lowering Cholesterol—Counting Successes  
Lowering Cholesterol—Mean Improvement  
Populations and Samples

### Blackline Masters and Templates

### Readings and Supplemental Materials

Beyond Exploratory Data Analysis: The Randomization Test  
Peter Barbella, Lorraine Denby, and James M. Landwehr  
*Mathematics Teacher*

Investigating Distributions of Sample Means on the Graphing Calculator  
Gloria B. Barrett  
*Mathematics Teacher*

Analyzing Data from the Olympic Games for Trends and Inferences  
Richard T. Edgerton  
*Mathematics Teacher*

Spreadsheets: Powerful Tools for Probability Simulations  
Edwin McClintock and Zhonghong Jiang  
*Mathematics Teacher*

The Advanced Placement Course in Statistics: Increasing Students' Options

Anthony V. Piccolino

*Mathematics Teacher*

Data Fitting without Formulas

Albert P. Shulte and Jim Swift

*Mathematics Teacher*

Visual Representations of Mean and Standard Deviation

Charles Vonder Embse and Arne Engbreetsen

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Probability, Computer Simulation, and Mathematics

Karen Doyle Walton

*Mathematics Teacher*

Measures of Variability—Mean Absolute Deviation and Standard Deviation

Using Probability Theory

Understanding Type I and Type II Errors