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Analysis; The Most Important Knowledge of All: A Method to Get More; The Legacy of Greek Science: A Mixed Blessing; The Birth of The Scientific Revolution; Faith in Objective Reality and Objective Observations; The Nature of Scientific Knowledge; The Role of Logic In Science; The Philosophy of Science; The End Result: The Hypothetico-Deductive Method
Rigorous and Critical Analysis of Observed Results
Summary of Key Aspects of The Scientific Method; If TA Were to Adopt The Scientific Method; Objectification of Subjective TA: An Example; Subsets of TA;
Chapter 4: Statistical Analysis; A Preview of Statistical Reasoning; The Need for Rigorous Statistical Analysis; An Example of Sampling and Statistical Inference; Probability Experiments and Random Variables; Statistical Theory; Descriptive Statistics; Probability; Probability Distributions of Random Variables
Relationship Between Probability and Fractional Area of The Probability Distribution
The Sampling Distribution: The Most Important Concept in Statistical Inference; Deriving The Sampling Distribution: The Classical Approach; Deriving The Sampling Distribution With The Computer-Intensive Approach; Preview of Next Chapter; Chapter 5: Hypothesis Tests and Confidence Intervals; Two Types of Statistical Inference; Hypothesis Tests Versus Informal Inference; Rationale of The Hypothesis Test; Hypothesis Testing: The Mechanics; Computer-Intensive Methods for Generating The Sampling Distribution
Estimation

Sommario/riassunto

Evidence-Based Technical Analysis examines how you can apply the scientific method, and recently developed statistical tests, to determine the true effectiveness of technical trading signals. Throughout the book, expert David Aronson provides you with comprehensive coverage of this new methodology, which is specifically designed for evaluating the performance of rules/signals that are discovered by data mining.
