

Pearson New International Edition

Statistics for Business
Decision Making and Analysis
Robert Stine Dean Foster
Second Edition

Table of Contents

1. Introduction	
Robert A. Stine/Dean Foster	1
2. Data	
Robert A. Stine/Dean Foster	11
3. Describing Categorical Data	
Robert A. Stine/Dean Foster	29
4. Describing Numerical Data	
Robert A. Stine/Dean Foster	57
5. Association between Categorical Variables	
Robert A. Stine/Dean Foster	87
6. Association between Quantitative Variables	
Robert A. Stine/Dean Foster	117
7. Probability	
Robert A. Stine/Dean Foster	165
8. Conditional Probability	
Robert A. Stine/Dean Foster	191
9. Random Variables	
Robert A. Stine/Dean Foster	217
10. Association between Random Variables	
Robert A. Stine/Dean Foster	243
11. Probability Models for Counts	
Robert A. Stine/Dean Foster	273
12. The Normal Probability Model	
Robert A. Stine/Dean Foster	295
13. Samples and Surveys	
Robert A. Stine/Dean Foster	339

14. Sampling Variation and Quality

Robert A. Stine/Dean Foster

15. Confidence Intervals

Robert A. Stine/Dean Foster

16. Statistical Tests

Robert A. Stine/Dean Foster

17. Comparison

Robert A. Stine/Dean Foster

18. Inference for Counts

Robert A. Stine/Dean Foster

19. Linear Patterns

Robert A. Stine/Dean Foster

20. Curved Patterns

Robert A. Stine/Dean Foster

21. The Simple Regression Model

Robert A. Stine/Dean Foster

22. Regression Diagnostics

Robert A. Stine/Dean Foster

23. Multiple Regression

Robert A. Stine/Dean Foster

24. Building Regression Models

Robert A. Stine/Dean Foster

25. Categorical Explanatory Variables

Robert A. Stine/Dean Foster

26. Analysis of Variance

Robert A. Stine/Dean Foster

27. Time Series

Robert A. Stine/Dean Foster

28. Alternative Approaches to Inference

Robert A. Stine/Dean Foster

29. Regression with Big Data

Robert A. Stine/Dean Foster

30. Two-Way Analysis of Variance

Robert A. Stine/Dean Foster

Index

i