

Contents

Detailed Contents	xi
Chapter 1 Introduction	1
Chapter 2 The design of experiments	5
Chapter 3 Sampling and observational studies	25
Chapter 4 Summarizing data	41
Chapter 5 Presenting data	57
Chapter 6 Probability	73
Chapter 7 The Normal distribution	85
Chapter 8 Estimation	101
Chapter 9 Significance tests	115
Chapter 10 Comparing the means of small samples	131
Chapter 11 Regression and correlation	159
Chapter 12 Methods based on rank order	177
Chapter 13 The analysis of cross-tabulations	193
Chapter 14 Choosing the statistical method	213
Chapter 15 Multifactorial methods	223
Chapter 16 Time to event data	251
Chapter 17 Meta-analysis	265
Chapter 18 Determination of sample size	295
Chapter 19 Missing data	305
Chapter 20 Clinical measurement	313
Chapter 21 Mortality statistics and population structure	347
Chapter 22 The Bayesian approach	357
Appendix 1: Suggested answers to multiple choice questions and exercises	367
References	397
Index	411