Contents

List	of Tables	XXi
Pre	face	xxiii
Acknowledgments		XXV
About the Companion Website		xxvii
1	Getting Started	1
2	Technical Background	17
3	Essentials of the R Language	55
4	Data Input and Dataframes	207
5	Graphics	249
6	Graphics in More Detail	297
7	Tables	359
8	Probability Distributions in R	373
9	Testing	405
10	Regression	439
11	Generalised Linear Models	499
12	Generalised Additive Models	579
13	Mixed-Effect Models	601
14	Non-linear Regression	627
15	Survival Analysis	649
16	Designed Experiments	667
17	Meta-Analysis	699
18	Time Series	715
19	Multivariate Statistics	741

20 Classification and Regression Trees
21 Spatial Statistics
22 Bayesian Statistics
23 Simulation Models
24 Index
25 CONTENTS
26 CONTENTS
27 761
28 779
29 839

Chicas the amentation, pebsite, or product may present in manufacture of the state of the state