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8.2 The quality and nature of sensory and consumer data8.3 Experimental design issues; 8.4 Consumer data (sensory and survey); 8.5 Trained panel sensory data; 8.6 Analysis of relationships; References; Chapter 9 Instrumental data; 9.1 Introduction; 9.2 Quality and nature of instrumental data; 9.3 Sampling and replication; 9.4 Experimental design issues; 9.5 Statistical analysis of instrumental data; 9.6 Chemical analysis applications; 9.7 Analysis of relationships; References; Chapter 10 Food product formulation; 10.1 Introduction; 10.2 Design application in food product development
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Sommario/riassunto

The recording and analysis of food data are becoming increasingly sophisticated. Consequently, the food scientist in industry or at study faces the task of using and understanding statistical methods. Statistics is often viewed as a difficult subject and is often avoided because of its complexity and a lack of specific application to the requirements of food science. This situation is changing - there is now much material on multivariate applications for the more advanced reader, but a case exists for a univariate approach aimed at the non-statistician. This book provides a source