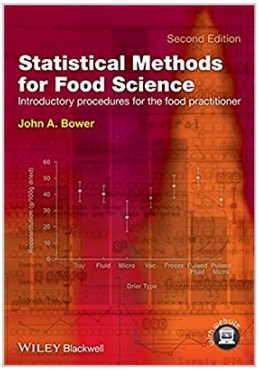

Statistical Methods for Food Science: Introductory Procedures for the Food Practitioner

By John A. Bower

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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 second edition of Statistical Methods for Food Science provides a source text on accessible statistical procedures for the food scientist, and is aimed at professionals and students in food laboratories where analytical, instrumental and sensory data are gathered and require some form of summary and analysis before interpretation. It is suitable for the food analyst, the sensory scientist and the product developer, and others who work in food-related disciplines involving consumer survey investigations will also find many sections of use. There is an emphasis on a 'hands-on' approach, and worked examples using computer software packages and the minimum of mathematical formulae are included. The book is based on the experience and practice of a scientist engaged for many years in research and teaching of analytical and sensory food science at undergraduate and post-graduate level.

This revised and updated second edition is accompanied by a new companion website giving the reader access to the datasets and Excel spreadsheets featured in the book. Check it out now by visiting www.wiley.com/go/bower/statistical or by scanning the QR code below.

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Editorial Review

Review
?This guide is essential for readers who lack extensive knowledge of statistics and need to rely upon software applications to solve more complex mathematical formulas in the field.? (*Book News*, September 2009)

From the Back Cover
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About the Author

John A. Bower is a former lecturer and course leader (BSc Food Studies) at Queen Margaret University, Edinburgh, UK. He retired in 2009. Since then he has continued to write statistics-related material for a variety of organisations and publications

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