A spreadsheet Approach to Business Quantitative Methods

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This textbook represents a major revision of the previous textbook "Quantitative Methods in Property" by the same authors.

Several new chapters have been added and much of the existing material has been refined and improved upon. A significant improvement with the new edition is the explicit use of the Excel spreadsheet throughout.

Some of the new chapters added include:

- Selected Features and Functions in Microsoft Excel
  The key Excel features used throughout the text and presented in this chapter to focus attention of a number of some of the more recent enhancements to the spreadsheet. A brief introduction to the VBA programming language is included to suggest ways of further harnessing the power of the spreadsheet.

- Simulation
  The use of simulation as a decision and planning tool is becoming more prevalent. Spreadsheets are ideal to introduce many simulation concepts and to demonstrate their usefulness in a wide variety of areas. When more specialised simulation tools are required users can move to Excel plug-ins such as @RISK (not discussed in the text).

- Geographic Information Systems
  GIS is now a widely used tool in the property profession and in the wider business community. Applications to department
store location are discussed in the text.

Supplementary resources

• Solutions manual for all exercises
• Web site containing examples and applications using Excel
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3. Matrix Algebra
4. Introduction to Statistics

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23. Markov Chains and Input Output Analysis
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