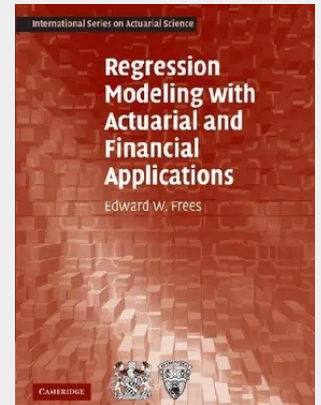


Regression Modeling with Actuarial and Financial Applications

This text gives budding actuaries and financial analysts a foundation in multiple regression and time series. They will learn about these statistical techniques using data on the demand for insurance, lottery sales, foreign exchange rates, and other applications. Although no specific knowledge of risk management or finance is presumed, the approach introduces applications in which statistical techniques can be used to analyze real data of interest. In addition to the fundamentals, this book describes several advanced statistical topics that are particularly relevant to actuarial and financial practice, including the analysis of longitudinal, two-part (frequency/severity), and fat-tailed data. Datasets with detailed descriptions, sample statistical software scripts in 'R' and 'SAS', and tips on writing a statistical report, including sample projects, can be found on the book's Web site: <http://research.bus.wisc.edu/RegActuaries>.

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90,80 €

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Lieferfrist: bis zu 10 Tage

Artikelnummer: 9780521135962

Medium: Buch

ISBN: 978-0-521-13596-2

Verlag: Cambridge University Press

Erscheinungstermin: 29.11.2016

Sprache(n): Englisch

Auflage: Erscheinungsjahr 2016

Serie: International Series on Actuarial Science

Produktform: Kartoniert

Gewicht: 994 g

Seiten: 584

Format (B x H): 170 x 244 mm

