1. Record Nr. UNINA9910956217103321 Autore Pflug Georg Ch. <1951-> Titolo Modeling, measuring and managing risk / / Georg Ch. Pflug, Werner Romisch Hackensack, N.J., : World Scientific, c2007 Pubbl/distr/stampa **ISBN** 9786611918552 9781281918550 1281918555 9789812708724 9812708723 Edizione [1st ed.] Descrizione fisica 1 online resource (304 p.) Altri autori (Persone) RomischWerner Disciplina 658.4/033 Soggetti Decision making - Statistical methods Functionals - Statistical methods Risk assessment - Statistical methods Risk management - Statistical methods Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references (p. 277-284) and index. Nota di contenuto Preface; List of Symbols; Contents; 1. Modeling uncertain outcomes; 1.1 The three M's of decision making under uncertainty; 1.2 Probability models and scenario distributions; 1.2.1 Distribution functions and quantile functions; 1.2.2 Joint distributions and couplings; 1.2.3 Utility functions and order relations; 1.2.4 Compounding; 1.3 Standard statistical parameters; 1.3.1 Location parameters; 1.3.2 Dispersion parameters: 1.3.3 Correlation parameters: 2. Measuring single-period risk; 2.1 Probability functionals and their properties; 2.1.1 Properties of probability functionals 2.1.2 Version-independent properties of probability functionals 2.2 Acceptability functionals and deviation risk functionals: 2.2.1

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Sommario/riassunto

This book is the first in the market to treat single- and multi-period risk measures (risk functionals) in a thorough, comprehensive manner. It combines the treatment of properties of the risk measures with the related aspects of decision making under risk. The book introduces the theory of risk measures in a mathematically sound way. It contains properties, characterizations and representations of risk functionals for single-period and multi-period activities, and also shows the embedding of such functionals in decision models and the properties of these models.

4.2.6 Average value-at-risk deviation efficiency