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| 1. Record Nr.           | UNISA990001041940203316  |
| Titolo                  | Die neue ordnung in kirche staat gesellschaft kultur   |
| Pubbl/distr/stampa      | Paderborn : Bonifatius-Druckerei   |
| Descrizione fisica      | v ; 24 cm  |
| Disciplina              | 322.1  |
| Soggetti                | Chiesa e Stato -- Periodici  |
| Lingua di pubblicazione | Tedesco  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| 2. Record Nr.           | UNINA9910825185903321  |
| Autore                  | Shemyakin Arkady   |
| Titolo                  | Introduction to Bayesian estimation and copula models of dependence /<br>/ Arkady Shemyakin, Alexander Kniazev   |
| Pubbl/distr/stampa      | Hoboken, New Jersey : , : John Wiley & Sons, Incorporated, , 2017  |
| ISBN                    | 1-118-95902-7<br>1-118-95904-3   |
| Edizione                | [1st edition]  |
| Descrizione fisica      | 1 online resource (349 pages) : illustrations (some color)   |
| Collana                 | THEi Wiley ebooks  |
| Disciplina              | 519.5/42   |
| Soggetti                | Bayesian statistical decision theory<br>Copulas (Mathematical statistics)  |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Nota di bibliografia    | Includes bibliographical references and index.   |
| Sommario/riassunto      | Presents an introduction to Bayesian statistics, presents an emphasis on Bayesian methods (prior and posterior), Bayes estimation, prediction, MCMC, Bayesian regression, and Bayesian analysis of statistical modelsof dependence, and features a focus on copulas for risk management Introduction to Bayesian Estimation and Copula |

Models of Dependence emphasizes the applications of Bayesian analysis to copula modeling and equips readers with the tools needed to implement the procedures of Bayesian estimation in copula models of dependence. This book is structured in two parts: the first four chapters serve as a general introduction to Bayesian statistics with a clear emphasis on parametric estimation and the following four chapters stress statistical models of dependence with a focus of copulas. A review of the main concepts is discussed along with the basics of Bayesian statistics including prior information and experimental data, prior and posterior distributions, with an emphasis on Bayesian parametric estimation. The basic mathematical background of both Markov chains and Monte Carlo integration and simulation is also provided. The authors discuss statistical models of dependence with a focus on copulas and present a brief survey of pre-copula dependence models. The main definitions and notations of copula models are summarized followed by discussions of real-world cases that address particular risk management problems. In addition, this book includes:

- Practical examples of copulas in use including within the Basel Accord II documents that regulate the world banking system as well as examples of Bayesian methods within current FDA recommendations
- Step-by-step procedures of multivariate data analysis and copula modeling, allowing readers to gain insight for their own applied research and studies
- Separate reference lists within each chapter and end-of-the-chapter exercises within Chapters 2 through 8
- A companion website containing appendices: data files and demo files in Microsoft® Office Excel®, basic code in R, and selected exercise solutions

Introduction to Bayesian Estimation and Copula Models of Dependence is a reference and resource for statisticians who need to learn formal Bayesian analysis as well as professionals within analytical and risk management departments of banks and insurance companies who are involved in quantitative analysis and forecasting. This book can also be used as a textbook for upper-undergraduate and graduate-l...

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