Professionals and students seeking to pursue a career in quantitative finance or related quantitative fields will benefit most from thoroughly reading this book. In recent years, we have seen a dramatic surge in demand for talents with strong quantitative skills from investment banks, investment management firms, hedge funds, financial software vendors and financial consulting companies. As a result, quant, an umbrella description that encompasses quantitative analysts, quantitative researchers, quantitative strategists, quantitative traders, and quantitative developers, has become an attractive field. Quantitative research is a research strategy that focuses on quantifying the collection and analysis of data. It is formed from a deductive approach where emphasis is placed on the testing of theory, shaped by empiricist and positivist philosophies. Associated with the natural, applied, formal, and social sciences this research strategy promotes the objective empirical investigation of observable phenomena to test and understand relationships. This is done through a range of quantifying methods and in view of their differences, the limitations with regard to the joint data analysis of groups of SE replications and the guidelines provided in mature experimental disciplines to analyze groups of replications, we build an analysis procedure with a set of embedded guidelines specifically tailored to the analysis of groups of SE replications. We apply the proposed analysis procedure to a representative group of SE replications to illustrate its use. Results: All the information contained within the raw data should be leveraged during the aggregation of replication results. The analysis procedure... Quantitative Risk Management, + Website: A Practical Guide to Financial Risk. Wiley, Thomas S. Coleman, Bob Litterman. This is a guide designed for investment banking and private equity professionals to be used as a refresher or handbook, or for individuals looking to enter into the investment banking or private equity field. Whether you are valuing a potential investment or business, the tools demonstrated in this book are extremely valuable in the process. How This Book Is Structured This book is divided into two parts: 1. Financial Statements and Projections 2. Valuation In Part One, we will build a complete financial model of Walmart. We will analyze the company’s historical performance and step through techniques to make accurate projections of the business’s future performance. For professional accountants this involves much more than just an intuitive sense of following one’s conscience. While that is certainly important, being ethical also brings with it specific expectations, such as demonstrating professional competency in the role being performed, exercising due care towards stakeholders and acting to uphold the public interest. Executive summary. Ethical behaviour is a core attribute for professional accountants. This may suggest a need to combine a procedural or tactical understanding with a wider view – something that might become particularly important when looking ahead to new or previously unseen situations in a digital context.