# The Variance Gamma (VG) Model with Long Range Dependence: A model for financial data incorporating long range dependence in squared returns

*Richard Finlay*

# The Variance Gamma (VG) Model with Long Range Dependence: A model for financial data incorporating long range dependence in squared returns

*Richard Finlay*

**The Variance Gamma (VG) Model with Long Range Dependence: A model for financial data incorporating long range dependence in squared returns** Richard Finlay

This work mainly builds on the Variance Gamma (VG) model for financial assets over time of Madan & Seneta (1990) and Madan, Carr & Chang (1998), although the model based on the t distribution championed in Heyde & Leonenko (2005) is also given attention. The primary contribution of the work is the development of VG models, and the extension of t models, which accommodate a dependence structure in asset price returns. In particular it has become increasingly clear that while returns (log price increments) of historical financial asset time series appear as a reasonable approximation of independent and identically distributed data, squared and absolute returns do not. In fact squared and absolute returns show evidence of being long range dependent through time, with autocorrelation functions that are still significant after 50 to 100 lags. Given this evidence against the assumption of independent returns, it is important that models for financial assets be able to accommodate a dependence structure.

**Download and Read Free Online The Variance Gamma (VG) Model with Long Range Dependence: A model for financial data incorporating long range dependence in squared returns Richard Finlay**

---

**From reader reviews:**

**Patricia Vasquez:**

Throughout other case, little folks like to read book The Variance Gamma (VG) Model with Long Range Dependence: A model for financial data incorporating long range dependence in squared returns. You can choose the best book if you like reading a book. As long as we know about how is important some sort of book The Variance Gamma (VG) Model with Long Range Dependence: A model for financial data incorporating long range dependence in squared returns. You can add know-how and of course you can around the world by way of a book. Absolutely right, simply because from book you can realize everything! From your country right up until foreign or abroad you can be known. About simple thing until wonderful thing it is possible to know that. In this era, you can open a book or maybe searching by internet product. It is called e-book. You can utilize it when you feel bored to go to the library. Let's learn.

**Beverly Hummell:**

Your reading sixth sense will not betray an individual, why because this The Variance Gamma (VG) Model with Long Range Dependence: A model for financial data incorporating long range dependence in squared returns e-book written by well-known writer who knows well how to make book that may be understand by anyone who also read the book. Written within good manner for you, dripping every ideas and producing skill only for eliminate your personal hunger then you still doubt The Variance Gamma (VG) Model with Long Range Dependence: A model for financial data incorporating long range dependence in squared returns as good book but not only by the cover but also through the content. This is one publication that can break don't determine book by its deal with, so do you still needing a different sixth sense to pick this kind of!? Oh come on your looking at sixth sense already told you so why you have to listening to an additional sixth sense.

**Julie Gibson:**

It is possible to spend your free time to study this book this reserve. This The Variance Gamma (VG) Model with Long Range Dependence: A model for financial data incorporating long range dependence in squared returns is simple to develop you can read it in the area, in the beach, train and also soon. If you did not get much space to bring typically the printed book, you can buy the particular e-book. It is make you easier to read it. You can save the particular book in your smart phone. Consequently there are a lot of benefits that you will get when one buys this book.

**Mary Adamczyk:**

A lot of e-book has printed but it takes a different approach. You can get it by web on social media. You can choose the top book for you, science, comedian, novel, or whatever through searching from it. It is identified as of book The Variance Gamma (VG) Model with Long Range Dependence: A model for financial data incorporating long range dependence in squared returns. You can contribute your knowledge by it. Without

departing the printed book, it could possibly add your knowledge and make an individual happier to read. It is most significant that, you must aware about e-book. It can bring you from one destination to other place.

**Download and Read Online The Variance Gamma (VG) Model with Long Range Dependence: A model for financial data incorporating long range dependence in squared returns Richard Finlay #L5XWZ7YEPFU**

# Read The Variance Gamma (VG) Model with Long Range Dependence: A model for financial data incorporating long range dependence in squared returns by Richard Finlay for online ebook

The Variance Gamma (VG) Model with Long Range Dependence: A model for financial data incorporating long range dependence in squared returns by Richard Finlay Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read The Variance Gamma (VG) Model with Long Range Dependence: A model for financial data incorporating long range dependence in squared returns by Richard Finlay books to read online.

## Online The Variance Gamma (VG) Model with Long Range Dependence: A model for financial data incorporating long range dependence in squared returns by Richard Finlay ebook PDF download

**The Variance Gamma (VG) Model with Long Range Dependence: A model for financial data incorporating long range dependence in squared returns by Richard Finlay Doc**

**The Variance Gamma (VG) Model with Long Range Dependence: A model for financial data incorporating long range dependence in squared returns by Richard Finlay Mobipocket**

**The Variance Gamma (VG) Model with Long Range Dependence: A model for financial data incorporating long range dependence in squared returns by Richard Finlay EPub**