An Introduction to Stochastic Orders

Description: An Introduction to Stochastic Orders discusses this powerful tool that can be used in comparing probabilistic models in different areas such as reliability, survival analysis, risks, finance, and economics. The book provides a general background on this topic for students and researchers who want to use it as a tool for their research.

In addition, users will find detailed proofs of the main results and applications to several probabilistic models of interest in several fields, and discussions of fundamental properties of several stochastic orders, in the univariate and multivariate cases, along with applications to probabilistic models.

- Introduces stochastic orders and its notation
- Discusses different orders of univariate stochastic orders
- Explains multivariate stochastic orders and their convex, likelihood ratio, and dispersive orders

Contents:

Chapter 1. Introduction
1.1 Introduction and notation
1.2 Parametric families of distributions
1.3 Aging notions
1.4 Dependence notions
Chapter 2. Univariate stochastic orders
2.1 Introduction
2.2 Usual stochastic order
2.3 Increasing convex order and related orders
2.4 Comparison of residual lives
2.5 Likelihood ratio order
2.6 Dispersive orders
2.7 Concentrations orders
2.8 TTT order
Chapter 3. Multivariate stochastic orders
3.1 Introduction
3.2 Multivariate stochastic order and related orders
3.3 Multivariate increasing convex orders
3.4 Comparison of multivariate residual lives
3.5 Multivariate likelihood ratio order
3.6 Multivariate dispersive order

Ordering:

Order Online - [http://www.researchandmarkets.com/reports/3329212/](http://www.researchandmarkets.com/reports/3329212/)

Order by Fax - using the form below

Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct.

Product Name: An Introduction to Stochastic Orders
Web Address: http://www.researchandmarkets.com/reports/3329212/
Office Code: SCBRX6BB

Product Format
Please select the product format and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hard Copy (Paper back): USD 62 + USD 29 Shipping/Handling</td>
</tr>
</tbody>
</table>

* Shipping/Handling is only charged once per order.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: Mr ☐ Mrs ☐ Dr ☐ Miss ☐ Ms ☐ Prof ☐
First Name: ____________________________ Last Name: ____________________________
Email Address: * ____________________________
Job Title: ____________________________
Organisation: ____________________________
Address: ____________________________
City: ____________________________
Postal / Zip Code: ____________________________
Country: ____________________________
Phone Number: ____________________________
Fax Number: ____________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ____________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World