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Statistics : Statistics (general)Shahbaz, M.Q., Ahsanullah, M., Hanif Shahbaz, S., Al-Zahrani, B.M., King Abdul Aziz University
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Ordered Random Variables: Theory and Applications

- Self learning approach for various models of ordered random variables
- Several examples for various models of ordered random variables are added
- Models for descendingly ordered variables are discussed
- Recurrence relations for moments under various models are presented
- Inference and characterization of distributions based upon various models of ordered random variables

Ordered Random Variables have attracted several authors. The basic building block of Ordered Random Variables is Order Statistics which has several applications in extreme value theory and ordered estimation. The general model for ordered random variables, known as Generalized Order Statistics has been introduced relatively recently by Kamps (1995).

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