Stochastic Orderings of Fuzzy Random Variables

J. Earnest Lazarus Piriyakumar

Annamalai University

India

N. Renganathan

Annamalai University

India

Abstract

In this paper new definitions on the concepts of stochastic ordering, hazard rate ordering and the stochastically more variable ordering of fuzzy random variables are presented. Various properties of these orderings are established.

Keywords: Fuzzy Random Variables, Stochastic Ordering, Hazarding.