ON STOCHASTIC COMPARISONS OF ORDER STATISTICS IN TWO-SAMPLE PROBLEM FOR EXPONENTIAL DISTRIBUTION

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Abstract

The purpose of this paper is to discuss stochastic comparisons between statistics $X_{n:n}$ and $Y_{n:n}$ from two samples, according to dispersive orderings and hazard rate orderings, when left truncated exponential random variables appears, and the related case of independent left truncated exponentials with unequal scale parameters.