Abstract Details

Title: On the Length Biased Quasi-Transmuted Uniform Distribution

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Abstract: This study considered another modified Uniform Distribution, the Length Biased Quasi-Transmuted Uniform distribution. Some essential properties of the modified distribution were derived to show case its flexibility and tractability. The result indicates that the Length Biased Quasi-Transmuted Uniform distribution is a competent addition to the existing pool of generalized distributions.

Keywords: Length biased quasi-transmuted uniform distribution, Moment generating function, Cumulant generating function, Hazard function, Order statistics.