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The gamma-exponentiated exponential distribution

Miroslav M. Ristić 🔀 & Narayanaswamy Balakrishnan

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Abstract

In this paper, we introduce a new distribution generated by gamma random variables. We show that this distribution includes as a special case the distribution of the lower record value from a sequence of i.i.d. random variables from a population with the exponentiated (generalized) exponential distribution. The properties of this distribution are derived and the estimation of the model parameters is discussed. Some

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