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Exponentiated Pareto distributions

Saralees Nadarajah

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Abstract

Most Pareto distributions are defined on one side of the real line. For wider applicability, we introduce five exponentiated Pareto distributions and derive several of their properties including the moment generating function, expectation, variance, skewness, kurtosis, Shannon entropy, and the Rényi entropy.

Keywords:

Pareto distributions

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