Exponentiated Pareto distributions



Statistics >

A Journal of Theoretical and Applied Statistics Volume 39, 2005 - Issue 3

957 23

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Pages 255-260 | Received 09 Sep 2003, Published online: 15 Aug 2006

66 Cite this article ⚠ https://doi.org/10.1080/02331880500065488

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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.

Q Keywords: Pareto distributions

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