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

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# Exponentiated Pareto distributions

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

Keywords: Pareto distributions

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