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A Journal of Theoretical and Applied Statistics

Volume 39, 2005 - [Issue 3](#)

1,022 | 34

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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

Acknowledgements

The author would like to thank the referee and the editor for carefully reading the paper and for their great help in improving the paper.



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