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ON THE MEASURE OF MEMORY OF DISCRETE DISTRIBUTIONS UNDER CHANGE OF ORIGIN AND SCALE

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Abstract

Measure of memory for discrete distributions under change of origin and scale is derived. It is shown that measure of memory is independent of change of origin but not on scale. The family of extended geometric distribution is characterized on the basis of measure of memory.

Key Words : *Measure of Memory, Discrete distribution, Change of origin and scale, Mean residual life function, Extended geometric distribution.*

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