Invited Speaker

Dr. Felix Famoye
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“Recent developments in statistical distributions”

Thursday, November 2, 2017 • Smith Hall 530 • 4:00pm

Abstract

This talk will cover how the $\beta$-generated family of distributions evolved into the T-R{$Y$} framework. A new method is proposed for generating discrete distributions. A special class is the generalized geometric family of distributions that contains the discrete analogues of continuous distributions. A member of the family, the exponentiated exponential-geometric distribution is defined and studied. A regression model, based on the distribution, is defined. If time permits, the usefulness of the regression model is illustrated with an application.