Invited Speaker

Dr. Felix Famoye

Professor of Mathematics
Central Michigan University

"Recent developments in statistical distributions"

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

Abstract

This talk will cover how the β-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.