



Departmental Seminar

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On moments of the order statistics and parameter estimation for the log-logistic distribution.

Date: Tuesday, September 19, 2017

Venue: C104 (Chemistry Building)

Time: 4:00 p.m. - 5:00 p.m.

ABSTRACT

In this talk, the moments and product moments of the order statistics in a sample of size n drawn from the log-logistic distribution are discussed. Parameter estimation for the log-logistic distribution based on order statistics is studied. In particular, best linear unbiased estimators (BLUEs) for the location and scale parameters for the log-logistic distribution with known shape parameter are studied. Hill estimator is proposed for estimating the shape parameter.