

中央研究院統計科學研究所

學術演講

講題：On some sampling distributions for skew-normal population and its applications

演講人：Prof. Nan-Cheng Su (蘇南誠 教授)

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時間：2019年9月16日 (星期一) 上午10:30-12:00

地點：中央研究院統計科學研究所6005會議室(環境變遷研究大樓A棟)

※茶會：上午10:10開始

Abstract

In this talk, first some basic properties of the Azzalini's skew-normal distribution and its related research are reviewed. Next, we present properties of sampling distributions for skew-normal population, including explicit forms of the probability density function and cumulative density function of the sample mean, and the joint moment generating function of sample mean and sample variance, etc. Finally, two applications of the distribution of skew-normal sample mean to control chart will be provided.

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