

國立成功大學統計學系暨數據科學研究所 專題演講

演講者：Prof. Chung-Siung Kao (高正雄 教授)

國立中正大學數學系

時 間： 2020年12月03日 (星期四) 15:30 - 16:30

地 點： 統計學系三樓視聽教室 (62331)

茶 會： 15:00 - 15:25 (統計學系二樓教師休息室)

題 目： Multivariate histogram plotting for continuous variables
with random data of small sample size

摘 要

A method for plotting multi-dimensional histogram using factorization of joint pdf to product of conditional probabilities and application of the marginal order statistics to estimate such conditional probabilities shall be presented. The mathematical arguments to support the feasibility of the method and a comparison of the method to another previously proposed method of using principle components and the projections of data points to such principle components for obtaining the histogram plot are also to be explained. Two more methods proposed by the speaker in the past, for same subject as here, shall be brought in for discussing the virtues and shortcomings of each of the four methods.

敬請公佈 歡迎蒞臨

主辦單位：國立成功大學統計學系暨數據科學研究所

敬邀

協辦單位：國立成功大學附設醫院巨量科學中心

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