

清華大學、交通大學  
統計學研究所  
專題演講

題目：A reproducible robust likelihood approach to inference for  
paired multiple binary endpoints data

主講人：鄒宗山教授（中央大學統計研究所）

時間：109年12月18日（星期五）上午10:40 - 11:40  
（10:20 - 10:40 am 茶會於統計所821室舉行）

地點：清大綜合三館837室

**Abstract**

We introduce a robust likelihood approach to inference for paired multiple binary endpoints data. One can easily implement the innovative methodology without dealing with the model that incorporates a large number of joint probabilities of no direct relevance to the inference of interest. We present the robust score test statistic for testing the equality of two treatment effects to exemplify the utility and simplicity of the method. Our novel technique is reproducible in that patients could have different numbers of endpoints and need not be paired. We use simulations and real data analysis to highlight the efficacy of our robust procedure.

敬請公佈

歡迎參加