

東海大學統計學系學術演講

時 間：115 年 3 月 17 日（星期二下午 14:10~15:00）

地 點：管理學院新大樓 M242

主講人：鄒宗山 特聘教授（中央大學 統計研究所）

講 題：比較不同COVID-19 疫苗的副作用引起的資料分析的問題與
可能的解決方案

Abstract

In the COVID-19 pandemic various vaccines were manufactured to prevent contracting the disease. Individuals often inject more than one vaccine of different brands for better protection, and alongside each vaccine are multiple side effects.

We introduce a robust score test to determine whether two or more vaccines have the same probability of causing multiple binary side effects. One can conveniently implement the innovative methodology without dealing with the model encompassing numerous joint probabilities of no direct relevance to the inferences of interest. Our novel technique is applicable when patients have different numbers of side effects and have no paired counterparts.

敬請公告，歡迎參加！

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