

國立中山大學應用數學系

學術演講

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講題：What is Win Ratio Testing?

時間：2014/02/26 (星期三) 14:10~15:00

地點：理學院 4 樓理 4009-1 室

茶會：15:00 於系辦公室(理 4010 室)

摘要

This talk will establish a statistical framework for the win ratio approach proposed by Pocock et al.(2012), which provides an alternative way to analyze composite endpoints consisting of both fatal and non-fatal outcomes with different clinical priorities. We derive the null hypothesis and propose a closed-form variance estimator for the win ratio statistic in all pairwise matching situation. Our simulation study shows that the proposed variance estimator performs well regardless of the magnitude of treatment effect size and correlation between outcomes.

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