



大阪医学統計学セミナー 第67回

Osaka Biostatistics Seminar

7月21日 (金)
16:00~18:00

「Nonparametric “worst-case” bound for publication bias in multivariate meta-analyses」

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OSAKA UNIVERSITY

場所 :
医学系研究科基礎研究棟L階
医学統計学研究室
オンライン開催

参加ご希望の方は、前日までに下記
問い合わせ先にメールにてお申込み
ください。

Abstract :

Publication bias is a common issue in synthesis analysis like meta-analysis and can be regarded as studies' missing not at random. Many sensitivity analysis methods have been proposed for evaluating the impact of potential publication bias in various kinds of meta-analyses. These methods mostly adopted the parametric selection functions with less attention on the nonparametric method. For meta-analysis of intervention studies, Copas and Jackson (2004) proposed the sensitivity analysis method based on the nonparametric selection function, which gives the “worst-case” bound on the univariate treatment effect. We will introduce our extensions of the “worst-case” bound method into multivariate meta-analyses, including met-analysis of diagnostic/prognostic studies with bivariate outcomes and network meta-analysis, and discuss the computations of the methods.

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