



大阪医学統計学セミナー 第72回

Osaka Biostatistics Seminar

10月5日 (木)
14 : 00 ~ 15 : 30

「 Analysis of cancer registry data with incomplete life table」

Speaker : Sho Komukai

Department of Biomedical Statistics, Osaka University



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: Cancer registries have a fundamental role in addressing the various research questions and assessing the cancer preventions. One of the aims in the analysis of cancer registry data is the estimation of the cancer survival rates rather than overall survival rates. However, accurate collection of causes of death is challenging in cancer registries. Therefore, methods employing concepts such as relative survival ratios and net survival rates have been introduced and widely used. When estimating these quantities, external life tables for the general population are used to adjust for the impact of non-cancer deaths among cancer patients. The validity of this adjustment relies on the assumption that mortalities in the life tables approximate the non-cancer mortalities among cancer patients. In this presentation, we discuss the estimation of net survival rates when this assumption is violated. And we propose methods for adjusting the life table and estimating the net survival rate based on the adjusted life table.

お問い合わせ : 大阪大学大学院医学系研究科 医学統計学講座
E-Mail : office@biostat.med.osaka-u.ac.jp TEL : 06-6879-3301