

統計フリーソフトRセミナー 第2回 Rを使った統計分析

記

日 時 9月4日(火) 13:00~(1時間半~2時間程度)

場 所 本館4階44講義室

講師中井宏先生(安全行動学研究分野)

対象者 統計分析に興味・関心のある学部生・大学院生・教員

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TECHNICAL REPORT

Investigation of the freely available easy-to-use software 'EZR' for medical statistics

Y Kanda

Although there are many commercially available statistical software packages, only a few implement a competing risk analysis or a proportional hazards regression model with time-dependent covariates, which are necessary in studies on hematopoietic SCT. In addition, most packages are not clinician friendly, as they require that commands be written based on statistical languages. This report describes the statistical software 'EZR' (Easy R), which is based on R and R commander. EZR enables the application of statistical functions that are frequently used in clinical studies, such as survival analyses, including competing risk analyses and the use of time-dependent covariates, receiver operating characteristics analyses, meta-analyses, sample size calculation and so on, by point-and-click access. EZR is freely available on our website (http://www.jichi.ac.jp/saitama-sct/SaitamaHP.files/statmed.html) and runs on both Windows (Microsoft Corporation, USA) and Mac OS X (Apple, USA). This report provides instructions for the installation and operation of EZR.

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EZRを中心に実際の統計分析をRを用いて 行います。事前にパソコンにEZRをインス トールしておくことをお勧めします。

参加無料 事前登録不要