The RcmdrPlugin.survival Package: A Survival-Analysis GUI for R

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As its name implies, the **RcmdrPlugin.survival** package is a plug-in package for the **Rcmdr** graphical-user interface to R (Fox, 2005, 2007), providing access to many of the capabilities of the **survival** package (described in Therneau and Grambsch, 2000), which is a standard part of the R distribution. Among its capabilities, the **RcmdrPlugin.survival** package facilitates the manipulation of survival data; makes provision for estimating and comparing survival functions; and permits the user to fit, display, and evaluate Cox-regression models and parametric survival-regression models. The menus and dialog boxes of the **RcmdrPlugin.survival** package are tightly integrated with the **Rcmdr**. The **RcmdrPlugin.survival** package is meant to give users who have limited exposure to R the ability to perform survival analysis using state-of-the-art open-source statistical software, and has been used for that purpose by researchers affiliated with the Fundação Oswaldo Cruz in Brazil.

References

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