

*RcmdrPlugin.epack: A Time Series Plug In for Rcmdr*

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## ABSTRACT

In many statistics courses, R has excellent facilities but the learning curve can be somewhat daunting for undergraduates. Fox(2005) has overcome some of these hurdles with the *Rcmdr* package, which provides menu-driven options for regression in particular. *Rcmdr* also provides options for most functions found in basic statistics classes and is supplemented by Heiberger and Holland (2007), with their *RcmdrPlugin.HH* package.

R has nearly all of the typical functions used in undergraduate time series courses. Even with these functions available from the command line, students still balk at command line use. This new package, *RcmdrPlugin.epack*, provides sets of sub-menus for student use in an undergraduate time series courses. *RcmdrPlugin.epack* promotes ease of use and permits students to use their efforts to understanding concepts rather than programming. Students can develop models for both explanatory and forecasting purposes.

*Key Words:* time series, menus, *Rcmdr*, R