0.1 plot.surv: Plotting Confidence Intervals for Survival Curves

Description

The plot.surv command generates confidence intervals for Kaplan-Meier survival curves

Usage

Arguments

x output from sim stored as a list. Each element of the list is the sim output

for a particular survival curve.

duration the duration variable (e.g. lifetime, survival, etc.).

censor the censored data

type the type of confidence interval. Defaults to "line", which draws vertical

confidence intervals at observed event times. "poly" draws confidence

regions using polygons.

plotcensor default is TRUE. Plots censoring times as a rug object.

plottimes default is FALSE. Plots step function with indicators at observed event

times.

int vector of quantile limits for the confidence interval. Default is 95% inter-

val.

... Additional parameters passed to plot.

Value

For survival models, plot.surv() returns vertical confidence intervals or polygon survival regions for Kaplan-Meier survival curves. You may save this plot using the commands described in the Zelig manual (http://gking.harvard.edu/zelig).

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See Also

The full Zelig manual is available at http://gking.harvard.edu/zelig, and users may also wish to see plot, lines.

Examples