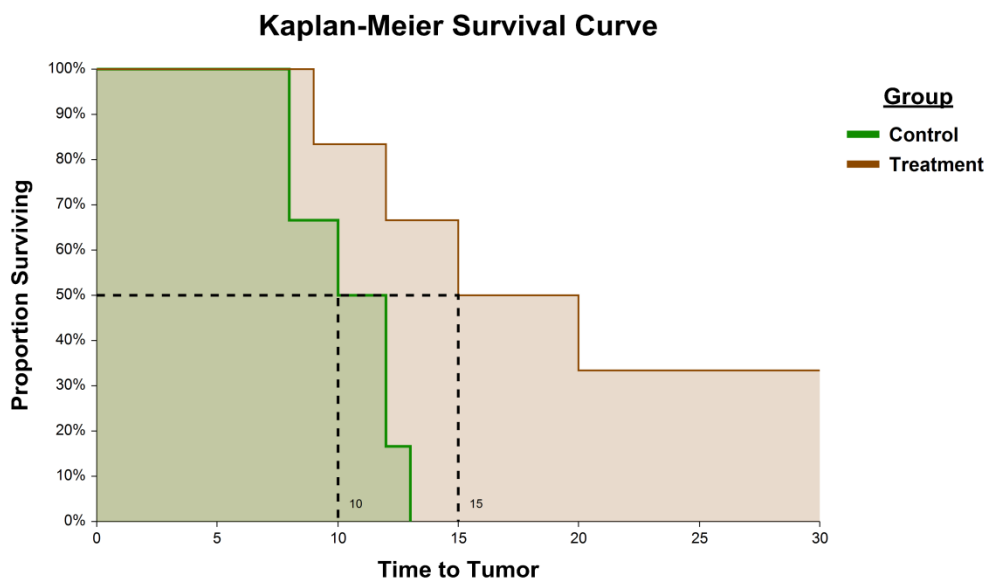


Chapter 556

Survival Plots

Introduction

We use the term *survival plot* to represent a group of plots that are constructed on time to event data. The most common survival plot is the Kaplan-Meier Curve. Others survival plots are the hazard function and hazard rate plots.



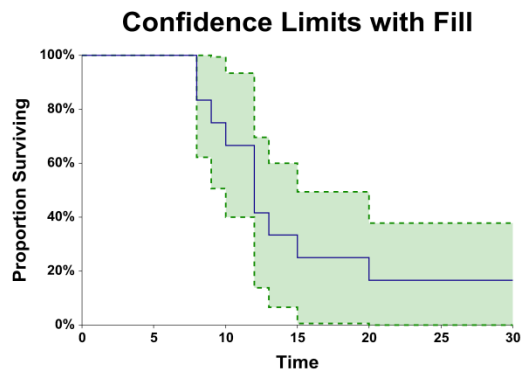
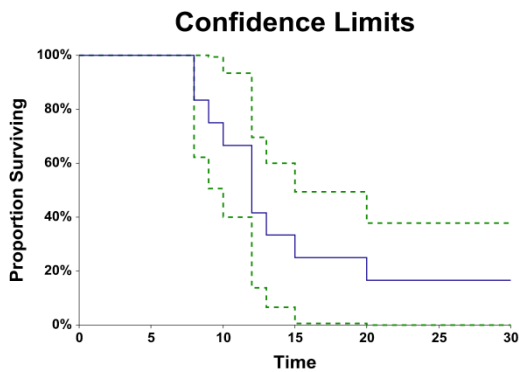
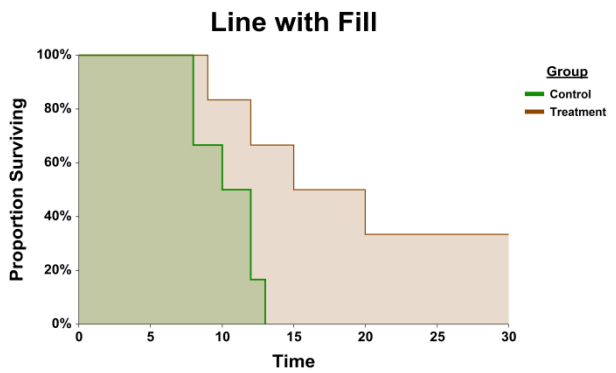
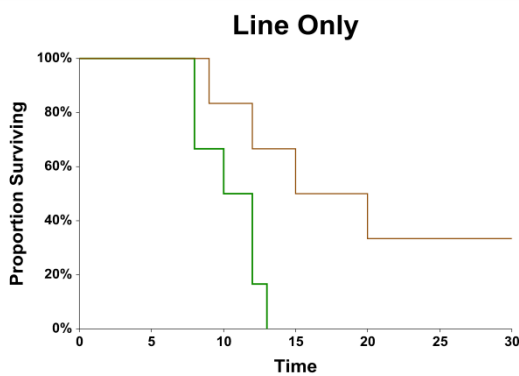
Survival Plot Format Window Options

This section describes the specific options available on the various survival plot format windows, which are displayed when a Survival Plot Format button is clicked. Common options, such as axes, labels, legends, and titles are documented in the Graphics Components chapter.

[Survival] / [Hazard Function] / [Hazard Rate] / [Cumulative Incidence] Plot Tab

[Survival] / [Hazard Function] / [Hazard Rate] / [Cumulative Incidence] Line Section

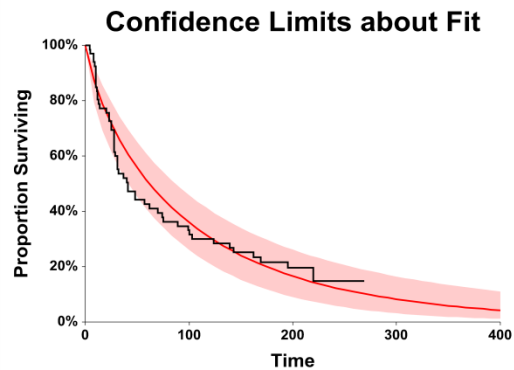
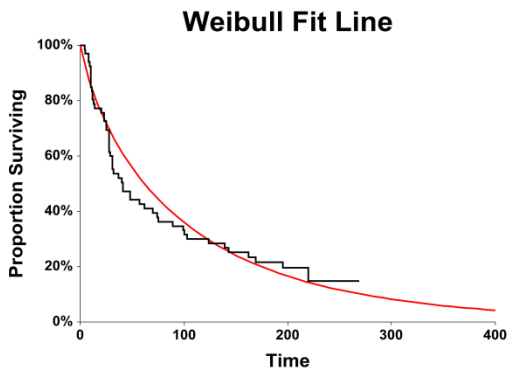
You can change the format of the line, add confidence limits, and fill the region below the line using the options in this section.



Survival Plots

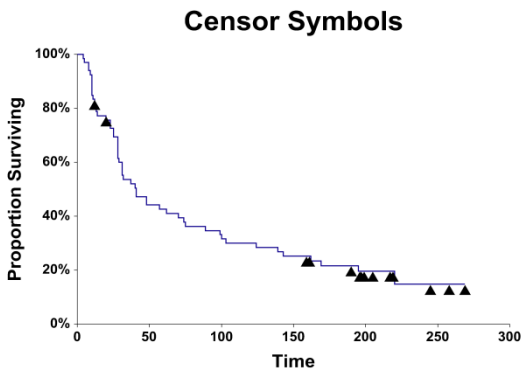
[Beta] / [Gamma] / [Distribution] Fit Line Section (when available)

Some plots allow the display of a line representing the fit (estimation) of the distribution. You can add symbols or tick marks at censor points. You can add symbols at failure points.



Symbols Section (when available)

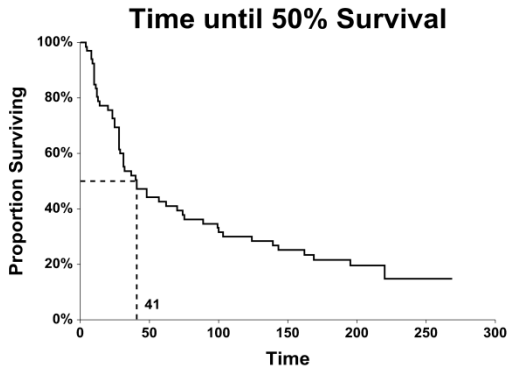
You can add symbols or tick marks at censor points. You can add symbols at failure points.



Reference Lines Tab

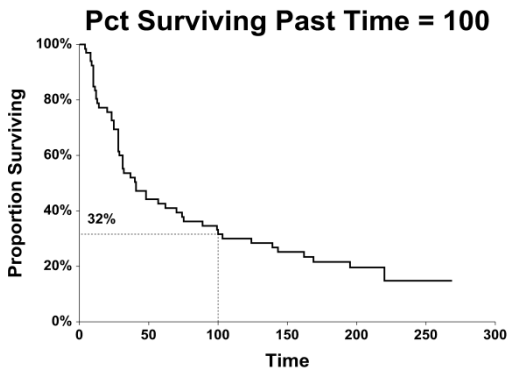
Lines from Vertical Axis Section

You can add reference lines from the vertical axis using the options in this section.



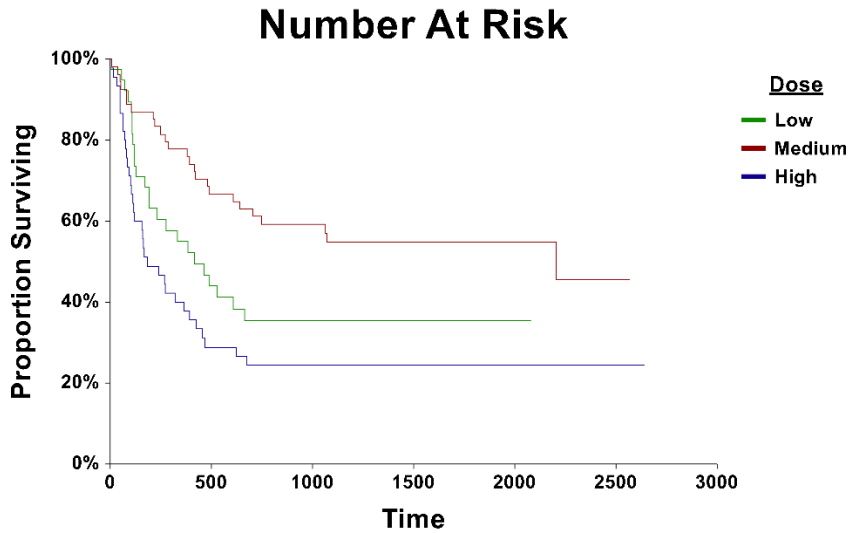
Lines from Horizontal Axis Section

You can add reference lines from the horizontal axis using the options in this section.



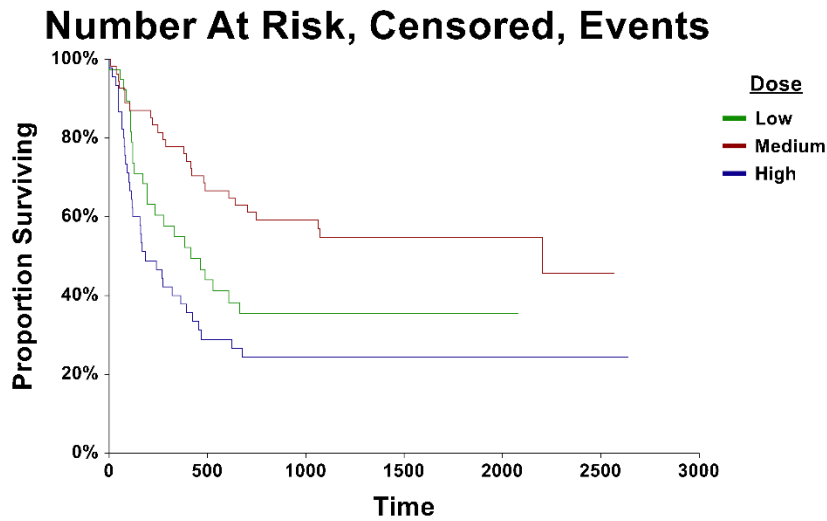
At-Risk Table Tab

You can add a table with the number at risk, number censored, and/or number of events at various time points using the options on this tab. Various formatting options are available to change the appearance of the tables.



Number At Risk

Group = 1	38	16	11	2	1	0	0
Group = 2	54	36	27	18	6	2	0
Group = 3	45	13	10	7	6	1	0

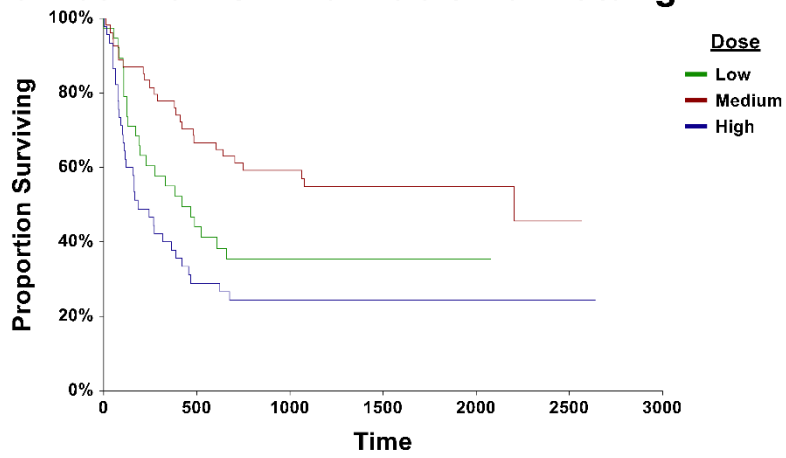


Number At Risk (Number Censored) (Number of Events)

Group = 1	38 (0) (0)	16 (1) (21)	11 (3) (24)	2 (12) (24)	1 (13) (24)	0 (14) (24)	0 (14) (24)
Group = 2	54 (0) (0)	36 (0) (18)	27 (5) (22)	18 (12) (24)	6 (24) (24)	2 (27) (25)	0 (29) (25)
Group = 3	45 (0) (0)	13 (0) (32)	10 (1) (34)	7 (4) (34)	6 (5) (34)	1 (10) (34)	0 (11) (34)

Survival Plots

Number At Risk with Table Formatting



<u>Number At Risk</u>				
— Group = 1	38	11	1	0
— Group = 2	54	27	6	0
— Group = 3	45	10	6	0