**Chapter 18: The Kaplan Meier Survival Function**

Consider a cohort of 20 participants who are 65 years of age and older, monitored for up to 24 years. Censoring occurs either when the study ends or they are lost to follow-up.

Load the data (Elder Mortality.csv) in Jamovi and analyze the Kaplan-Meier curve. If this is the first time you have used this application, load the 'Death Watch' module into Jamovi.

|  |  |
| --- | --- |
| Year | Death |
| 1 | Dead |
| 2 | Censored |
| 3 | Dead |
| 5 | Dead |
| 6 | Censored |
| 8 | Dead |
| 9 | Censored |
| 10 | Censored |
| 12 | Censored |
| 13 | Censored |
| 14 | Dead |
| 16 | Dead |
| 17 | Dead |
| 18 | Censored |
| 19 | Censored |
| 20 | Dead |
| 21 | Censored |
| 22 | Dead |
| 23 | Dead |
| 24 | Censored |









# Survival Analysis

| Survival Analysis |
| --- |
|  |  |  |  |  |  |  |  |  |  |
| **Censored** | **Events** | **N** | **Proportion** | **Median** |
| 10 |  | 10 |  | 20 |  | 50.0 % |  | 20.0 |  |
|  |

## Survival Curve

