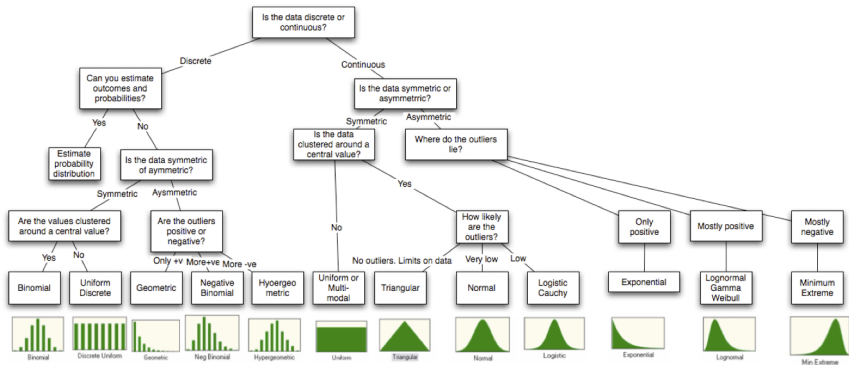


Figure 6A.15: Distributional Choices



fitdistrplus: Help to Fit of a Parametric Distribution to Non-Censored or Censored Data

Extends the `fitdistr` function (of the MASS package) with several functions to help the fit of a parametric distribution to non-censored or censored data. Censored data may contain left censored, right censored and interval censored values, with several lower and upper bounds. In addition to maximum likelihood estimation method the package provides moment matching, quantile matching and maximum goodness-of-fit estimation methods (available only for non-censored data).

Version: 1.0-4
Depends: R ($\geq 2.10.0$)
Imports: stats, [survival](#)
Suggests: [actuar](#), [rgenoud](#), [mc2d](#), [gamlss.dist](#)
Published: 2015-02-23

```
|
> summary(fitg)
Fitting of the distribution ' gamma ' by maximum likelihood
Parameters :
      estimate  Std. Error
shape 4.00825257 0.341336047
rate  0.05441911 0.004935468
Loglikelihood: -1253.625   AIC:  2511.25   BIC:  2518.325
Correlation matrix:
      shape      rate
shape 1.0000000 0.9384381
rate  0.9384381 1.0000000

> |
```

Figure: