

At present, the group members collaborate in the elaboration of the following libraries in R. The total number of libraries are 2:

[1\) DTDA: Doubly truncated data analysis.](#)

[2\) hermite: Generalized Hermite Distribution](#)

1) DTDA: Doubly truncated data analysis

This package implements different algorithms for analyzing randomly truncated data, one-sided and two-sided (i.e. doubly) truncated data. Two real data sets are included. It incorporates the iterative methods introduced by Efron and Petrosian (1999) and Shen (2008). Estimation of the lifetime distribution function and truncation times distributions is possible, together with the corresponding pointwise confidence limits based on bootstrap methods. Plots of cumulative distributions and survival functions are provided. Two real data sets are included: right-truncated AIDS data and doubly truncated data on quasar luminosities.

Package source:	DTDA 2.1-1.tar.gz
MacOS X binary:	DTDA 2.1-1.tgz
Windows binary:	DTDA 2.1-1.zip
Reference manual:	DTDA.pdf

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2) hermite: Generalized Hermite Distribution

Probability functions and other utilities for the generalized Hermite distribution.

Package source: [hermite 1.0.2.tar.gz](#)
OS X Snow Leopard binary: [hermite 1.0.2.tgz](#)
Windows binary: [hermite 1.0.2.zip](#)
Reference manual: [hermite.pdf](#)

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