ctapply - An R package to measure central tendency and spread

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ctapply: **Object Summaries**

Description:

ctapply is a package used to produce summaries of basic statistics, such as central tendency(mean, median..) and standard deviation (spread). The package calls specific methods to produce the result. The user have option to print the result.

Usage:

```
library(ctapply)
ctapply(electricdata$fuel)
```

```
##  The Mean=  26.32667
##  Standard Deviation(spread) =  7.704238
##
## The Center is:  26.32667
```

The sample data used for this package: **Cost Function of Electricity Producers (1955)**

```
##   X  cost output labor laborshare capital capitalshare fuel fuelshare
## 1 1 0.082      2  2.09     0.3164     183       0.4521 17.9    0.2315
## 2 2 0.661      3  2.05     0.2073     174       0.6676 35.1    0.1251
## 3 3 0.990      4  2.05     0.2349     171       0.5799 35.1    0.1852
## 4 4 0.315      4  1.83     0.1152     166       0.7857 32.2    0.0990
## 5 5 0.197      5  2.12     0.2300     233       0.3841 28.6    0.3859
## 6 6 0.098      9  2.12     0.1881     195       0.2926 28.6    0.5193
```