

LEAP

Description:

Usage:

Format:

Details:

Source

indices

```
## participant.ID treatment.group age.months
## 1 LEAP_100522 Peanut Consumption 6.0780
## 2 LEAP_103358 Peanut Consumption 7.5893
## 3 LEAP_105069 Peanut Avoidance 5.9795
## 4 LEAP_105328 Peanut Consumption 7.0308
## 5 LEAP_106377 Peanut Avoidance 6.4066
dataset[rows,columns]
```

```
## participant.ID treatment.group age.months sex primary.ethnicity
## 1 LEAP_100522 Peanut Consumption 6.0780 Female Black
## 2 LEAP_103358 Peanut Consumption 7.5893 Female White
## 3 LEAP_105069 Peanut Avoidance 5.9795 Male White
## 4 LEAP_105328 Peanut Consumption 7.0308 Female White
## 5 LEAP_106377 Peanut Avoidance 6.4066 Male White
```

```
## overall.V60.outcome
## 1 PASS OFC
## 2 PASS OFC
## 3 PASS OFC
## 4 PASS OFC
## 5 PASS OFC
```

LEAP[1:5,1:6]R

OI Biostatc()

```
## participant.ID treatment.group overall.V60.outcome
## 1 LEAP_100522 Peanut Consumption PASS OFC
## 2 LEAP_103358 Peanut Consumption PASS OFC
## 3 LEAP_105069 Peanut Avoidance PASS OFC
## 639 LEAP_994047 Peanut Avoidance PASS OFC
## 640 LEAP_997608 Peanut Consumption PASS OFC
```

OI Biostattable()addmargins()

treatment.group, LEAP

```
##
## FAIL OFC PASS OFC
## Peanut Avoidance 36 227
## Peanut Consumption 5 262
```

treatment.group, LEAP

```
##
## FAIL OFC PASS OFC Sum
## Peanut Avoidance 36 227 263
## Peanut Consumption 5 262 267
## Sum 41 489 530
```

OI Biostatfrog.altitudefrog.df

```
## altitude latitude clutch.size body.size clutch.volume egg.size
## 1 3,462.00 34.82 181.9701 3.630781 177.8279 1.949845
## 2 3,462.00 34.82 269.1535 3.630781 257.0396 1.949845
## 3 3,462.00 34.82 158.4893 3.715352 151.3561 1.949845
## 150 2,597.00 34.05 537.0318 NA 776.2471 2.238721
```

OI Biostat

```
## sex age race height weight actn3.r577x ndrm.ch
## 1 Female 27 Caucasian 65.0 199 CC 40.0
## 2 Male 36 Caucasian 71.7 189 CT 25.0
## 3 Female 24 Caucasian 65.0 134 CT 40.0
## 1348 Female 30 Caucasian 64.0 134 CC 43.8
```

Rsummary()clutch.volume)

```
## Min. 1st Qu. Median Mean 3rd Qu. Max.
## 151.4 609.6 831.8 882.5 1096.0 2630.0
```

 $\bar{x} = \frac{x_1 + x_2 + \dots + x_n}{n}$ 

Rclutch.volume)n

## [1] 431

clutch.volume)/n

## [1] 882.474

Rmean()clutch.volume)x.bar

## [1] 882.474

## [1] 882.5

median  
clutch.volume)

## [1] 831.7638

deviation1<sup>st</sup>2<sup>nd</sup>3<sup>rd</sup>431<sup>th</sup>clutch.volume

clutch.volume[c(1,2,3,431)]-x.bar

segmented bar plot *OI Biostatactn3.r577xc()*  
legend  
*race, famuss*

```
standardized segmented bar plotylim
race.famuss
OI Biostatracecounts.table
actn3.r577x.famuss
side-by-sideOI Biostatyx
ndrm.chfamuss
OI Biostatq
clutch.volumefrog.altitude.data
hollow histogramadd = T
ndrm.ch[famussndrm.ch[famussndrm.ch[famuss
errorcolor## Error in boxplot(golub.exprs.pheno[, 7:9]): object 'golub.exprs.pheno' not found
```