

Data Book

Subject

Description:

Is the ID of the subject.

Type:

Integer

Activity

Description:

The name of the activity that the subject has done.

Type:

Character

Means

Description:

The follow 66 variables are the mean of the each measure selected that original data to activity and subject. Only means (the criterion has been that the name included "mean()") and standard deviation (the criterion has been that the name included "std()") have been selected. The name and the meaning of each variable is the same that the original readme of original data had.

Type:

Numeric

Names:

tBodyAcc-mean()-X

tBodyAcc-mean()-Y

tBodyAcc-mean()-Z

tBodyAcc-std()-X

tBodyAcc-std()-Y

tBodyAcc-std()-Z

tGravityAcc-mean()-X
tGravityAcc-mean()-Y
tGravityAcc-mean()-Z
tGravityAcc-std()-X
tGravityAcc-std()-Y
tGravityAcc-std()-Z
tBodyAccJerk-mean()-X
tBodyAccJerk-mean()-Y
tBodyAccJerk-mean()-Z
tBodyAccJerk-std()-X
tBodyAccJerk-std()-Y
tBodyAccJerk-std()-Z
tBodyGyro-mean()-X
tBodyGyro-mean()-Y
tBodyGyro-mean()-Z
tBodyGyro-std()-X
tBodyGyro-std()-Y
tBodyGyro-std()-Z
tBodyGyroJerk-mean()-X
tBodyGyroJerk-mean()-Y
tBodyGyroJerk-mean()-Z
tBodyGyroJerk-std()-X
tBodyGyroJerk-std()-Y
tBodyGyroJerk-std()-Z
tBodyAccMag-mean()
tBodyAccMag-std()
tGravityAccMag-mean()

tGravityAccMag-std()
tBodyAccJerkMag-mean()
tBodyAccJerkMag-std()
tBodyGyroMag-mean()
tBodyGyroMag-std()
tBodyGyroJerkMag-mean()
tBodyGyroJerkMag-std()
fBodyAcc-mean()-X
fBodyAcc-mean()-Y
fBodyAcc-mean()-Z
fBodyAcc-std()-X
fBodyAcc-std()-Y
fBodyAcc-std()-Z
fBodyAccJerk-mean()-X
fBodyAccJerk-mean()-Y
fBodyAccJerk-mean()-Z
fBodyAccJerk-std()-X
fBodyAccJerk-std()-Y
fBodyAccJerk-std()-Z
fBodyGyro-mean()-X
fBodyGyro-mean()-Y
fBodyGyro-mean()-Z
fBodyGyro-std()-X
fBodyGyro-std()-Y
fBodyGyro-std()-Z
fBodyAccMag-mean()
fBodyAccMag-std()

fBodyBodyAccJerkMag-mean()

fBodyBodyAccJerkMag-std()

fBodyBodyGyroMag-mean()

fBodyBodyGyroMag-std()

fBodyBodyGyroJerkMag-mean()

fBodyBodyGyroJerkMag-std()