Human Activity Recognition Using Smartphones - Tidy Data Set

data dictionary

subject

id of subject

1..30 .Integer value of id

activity

activity or state of subject

"LAYING" .Subject is lying
"SITTING" .Subject is sitting
"STANDING" .Subject is standing
"WALKING" .Subject is walking
"WALKING_DOWNSTAIRS" .Subject is walking downstarins
"WALKING_UPSTAIRS" .Subject is walking downstarins>###tBodyAcc-mean()-X Average value of variable
-1..1 .Numeric normalize value

tBodyAcc-mean()-Y

Average value of variable

-1..1 .Numeric normalize value

tBodyAcc-mean()-Z

Average value of variable

-1..1 .Numeric normalize value

tBodyAcc-std()-X

Average value of variable

-1..1 .Numeric normalize value

tBodyAcc-std()-Y

Average value of variable

-1..1 .Numeric normalize value

tBodyAcc-std()-Z

Average value of variable

-1..1 .Numeric normalize value

tGravityAcc-mean()-X

Average value of variable

-1..1 .Numeric normalize value

tGravityAcc-mean()-Y

Average value of variable

-1..1 .Numeric normalize value

tGravityAcc-mean()-Z

Average value of variable

-1..1 .Numeric normalize value

tGravityAcc-std()-X

Average value of variable

-1..1 .Numeric normalize value

tGravityAcc-std()-Y

Average value of variable

-1..1 .Numeric normalize value

tGravityAcc-std()-Z

Average value of variable

-1..1 .Numeric normalize value

tBodyAccJerk-mean()-X

Average value of variable

-1..1 .Numeric normalize value

tBodyAccJerk-mean()-Y

Average value of variable

-1..1 .Numeric normalize value

tBodyAccJerk-mean()-Z

Average value of variable

-1..1 .Numeric normalize value

tBodyAccJerk-std()-X

Average value of variable

-1..1 .Numeric normalize value

tBodyAccJerk-std()-Y

Average value of variable

-1..1 .Numeric normalize value

tBodyAccJerk-std()-Z

Average value of variable

-1..1 .Numeric normalize value

tBodyGyro-mean()-X

Average value of variable

-1..1 .Numeric normalize value

tBodyGyro-mean()-Y

Average value of variable

-1..1 .Numeric normalize value

tBodyGyro-mean()-Z

Average value of variable

-1..1 .Numeric normalize value

tBodyGyro-std()-X

Average value of variable

-1..1 .Numeric normalize value

tBodyGyro-std()-Y

Average value of variable

-1..1 .Numeric normalize value

tBodyGyro-std()-Z

Average value of variable

-1..1 .Numeric normalize value

tBodyGyroJerk-mean()-X

Average value of variable

-1..1 .Numeric normalize value

tBodyGyroJerk-mean()-Y

Average value of variable

-1..1 .Numeric normalize value

tBodyGyroJerk-mean()-Z

Average value of variable

-1..1 .Numeric normalize value

tBodyGyroJerk-std()-X

Average value of variable

-1..1 .Numeric normalize value

tBodyGyroJerk-std()-Y

Average value of variable

-1..1 .Numeric normalize value

tBodyGyroJerk-std()-Z

Average value of variable

-1..1 .Numeric normalize value

tBodyAccMag-mean()

Average value of variable

-1..1 .Numeric normalize value

tBodyAccMag-std()

Average value of variable

-1..1 .Numeric normalize value

tGravityAccMag-mean()

Average value of variable

-1..1 .Numeric normalize value

tGravityAccMag-std()

Average value of variable

-1..1 .Numeric normalize value

tBodyAccJerkMag-mean()

Average value of variable

-1..1 .Numeric normalize value

tBodyAccJerkMag-std()

Average value of variable

-1..1 .Numeric normalize value

tBodyGyroMag-mean()

Average value of variable

-1..1 .Numeric normalize value

tBodyGyroMag-std()

Average value of variable

-1..1 .Numeric normalize value

tBodyGyroJerkMag-mean()

Average value of variable

-1..1 .Numeric normalize value

tBodyGyroJerkMag-std()

Average value of variable

-1..1 .Numeric normalize value

fBodyAcc-mean()-X

Average value of variable

-1..1 .Numeric normalize value

fBodyAcc-mean()-Y

Average value of variable

-1..1 .Numeric normalize value

fBodyAcc-mean()-Z

Average value of variable

-1..1 .Numeric normalize value

fBodyAcc-std()-X

Average value of variable

-1..1 .Numeric normalize value

fBodyAcc-std()-Y

Average value of variable

-1..1 .Numeric normalize value

fBodyAcc-std()-Z

Average value of variable

-1..1 .Numeric normalize value

fBodyAcc-meanFreq()-X

Average value of variable

-1..1 .Numeric normalize value

fBodyAcc-meanFreq()-Y

Average value of variable

-1..1 .Numeric normalize value

fBodyAcc-meanFreq()-Z

Average value of variable

-1..1 .Numeric normalize value

fBodyAccJerk-mean()-X

Average value of variable

-1..1 .Numeric normalize value

fBodyAccJerk-mean()-Y

Average value of variable

-1..1 .Numeric normalize value

fBodyAccJerk-mean()-Z

Average value of variable

-1..1 .Numeric normalize value

fBodyAccJerk-std()-X

Average value of variable

-1..1 .Numeric normalize value

fBodyAccJerk-std()-Y

Average value of variable

-1..1 .Numeric normalize value

fBodyAccJerk-std()-Z

Average value of variable

-1..1 .Numeric normalize value

fBodyAccJerk-meanFreq()-X

Average value of variable

-1..1 .Numeric normalize value

fBodyAccJerk-meanFreq()-Y

Average value of variable

-1..1 .Numeric normalize value

fBodyAccJerk-meanFreq()-Z

Average value of variable

-1..1 .Numeric normalize value

fBodyGyro-mean()-X

Average value of variable

 -1..1 .Numeric normalize value

fBodyGyro-mean()-Y

Average value of variable

 -1..1 .Numeric normalize value

fBodyGyro-mean()-Z

Average value of variable

 -1..1 .Numeric normalize value

fBodyGyro-std()-X

Average value of variable

 -1..1 .Numeric normalize value

fBodyGyro-std()-Y

Average value of variable

 -1..1 .Numeric normalize value

fBodyGyro-std()-Z

Average value of variable

 -1..1 .Numeric normalize value

fBodyGyro-meanFreq()-X

Average value of variable

 -1..1 .Numeric normalize value

fBodyGyro-meanFreq()-Y

Average value of variable

 -1..1 .Numeric normalize value

fBodyGyro-meanFreq()-Z

Average value of variable

 -1..1 .Numeric normalize value

fBodyAccMag-mean()

Average value of variable

 -1..1 .Numeric normalize value

fBodyAccMag-std()

Average value of variable

-1..1 .Numeric normalize value

fBodyAccMag-meanFreq()

Average value of variable

-1..1 .Numeric normalize value

fBodyBodyAccJerkMag-mean()

Average value of variable

-1..1 .Numeric normalize value

fBodyBodyAccJerkMag-std()

Average value of variable

-1..1 .Numeric normalize value

fBodyBodyAccJerkMag-meanFreq()

Average value of variable

-1..1 .Numeric normalize value

fBodyBodyGyroMag-mean()

Average value of variable

-1..1 .Numeric normalize value

fBodyBodyGyroMag-std()

Average value of variable

-1..1 .Numeric normalize value

fBodyBodyGyroMag-meanFreq()

Average value of variable

-1..1 .Numeric normalize value

fBodyBodyGyroJerkMag-mean()

Average value of variable

-1..1 .Numeric normalize value

fBodyBodyGyroJerkMag-std()

Average value of variable

-1..1 .Numeric normalize value

fBodyBodyGyroJerkMag-meanFreq()

Average value of variable

-1..1 .Numeric normalize value