

Activity	Activity being performed during measurements
Subject ID	Numbered ID of the subject being tested, 1 of 30
tBodyAcc-mean()-X	Average Accelerometer reading on the body in the relevant direction
tBodyAcc-mean()-Y	
tBodyAcc-mean()-Z	
tBodyAcc-std()-X	Average standard deviation of accelerometer reading on body in relevant direction
tBodyAcc-std()-Y	
tBodyAcc-std()-Z	
tGravityAcc-mean()-X	Avg accelerometer reading due to gravity in the relevant direction
tGravityAcc-mean()-Y	
tGravityAcc-mean()-Z	
tGravityAcc-std()-X	Avg std of accelerometer reading due to gravity in the relevant direction
tGravityAcc-std()-Y	
tGravityAcc-std()-Z	
tBodyAccJerk-mean()-X	Avg accelerometer reading during jerk motion in relevant direction
tBodyAccJerk-mean()-Y	
tBodyAccJerk-mean()-Z	
tBodyAccJerk-std()-X	Avg std of accelerometer reading during jerk motion in relevant direction
tBodyAccJerk-std()-Y	
tBodyAccJerk-std()-Z	
tBodyGyro-mean()-X	Avg gyroscope reading in relevant direction
tBodyGyro-mean()-Y	
tBodyGyro-mean()-Z	
tBodyGyro-std()-X	Avg std of gyro reading in relevant direction
tBodyGyro-std()-Y	
tBodyGyro-std()-Z	
tBodyGyroJerk-mean()-X	Avg gyroscope reading during jerk motion in relevant direction
tBodyGyroJerk-mean()-Y	
tBodyGyroJerk-mean()-Z	
tBodyGyroJerk-std()-X	Avg std of gyro reading during jerk motion in relevant direction
tBodyGyroJerk-std()-Y	
tBodyGyroJerk-std()-Z	
tBodyAccMag-mean()	Avg Accelerometer reading magnitude
tBodyAccMag-std()	Avg std accelerometer reading magnitude
tGravityAccMag-mean()	Avg accelerometer reading magnitude due to gravity
tGravityAccMag-std()	Avg std of accelerometer reading mag. Due to gravity
tBodyAccJerkMag-mean()	Avg accelerometer reading magnitude during jerk motion
tBodyAccJerkMag-std()	Avg std of accelerometer reading mag during jerk
tBodyGyroMag-mean()	Avg gyroscope reading mag
tBodyGyroMag-std()	Avg std of gyro reading mag
tBodyGyroJerkMag-mean()	Avg gyroscope reading mag during jerk
tBodyGyroJerkMag-std()	Avg std of gyro reading mag during jerk
fBodyAcc-mean()-X	Avg Fast Fourier Transformed accelerometer reading in

fBodyAcc-mean()-Y	relevant direction
fBodyAcc-mean()-Z	
fBodyAcc-std()-X	Avg FFT'd std of acc reading in relevant direction
fBodyAcc-std()-Y	
fBodyAcc-std()-Z	
fBodyAccJerk-mean()-X	Avg FFT'd acc reading during jerk in relevant direction
fBodyAccJerk-mean()-Y	
fBodyAccJerk-mean()-Z	
fBodyAccJerk-std()-X	Avg FFT'd std of acc reading during jerk motion in relevant direction
fBodyAccJerk-std()-Y	
fBodyAccJerk-std()-Z	
fBodyAccJerk-meanFreq()-X	Avg FFT'd frequency components during jerk motion
fBodyAccJerk-meanFreq()-Y	
fBodyAccJerk-meanFreq()-Z	
fBodyGyro-mean()-X	Avg FFT'd gyro reading in relevant direction
fBodyGyro-mean()-Y	
fBodyGyro-mean()-Z	
fBodyGyro-std()-X	Avg fft'd std of gyro reading in relevant direction
fBodyGyro-std()-Y	
fBodyGyro-std()-Z	
fBodyAccMag-mean()	Avg fft'd acc reading magnitude
fBodyAccMag-std()	Avt fft'd std of acc reading magnitude
fBodyBodyAccJerkMag-mean()	Avg fft'd acc reading magnitude during jerk
fBodyBodyAccJerkMag-std()	Avg fft'd std of acc reading mag during jerk
fBodyBodyAccJerkMag-meanFreq()	Avg fft'd frequency of acc during jerk
fBodyBodyGyroMag-mean()	Avg fft'd gyro magnitude
fBodyBodyGyroMag-std()	Avg fft'd std of gyro reading mag
fBodyBodyGyroMag-meanFreq()	Avg fft'd freq of gyro reading
fBodyBodyGyroJerkMag-mean()	Avg fft'd gyro reading during jerk
fBodyBodyGyroJerkMag-std()	Avg fft'd std of gyro reading during jerk