Columns

Desc

Values

subject.id

Indicates subject ID.

1-30

activity.label

Indicates activity

STANDING, SITTING, LAYING, WALKING, WALKING_DOWNSTAIRS, WALKING_UPSTAIRS

tBodyAcc.mean.X

X coordinate of mean body acceleration signals

double

tBodyAcc.mean.Y

Y coordinate of mean body acceleration signals

double

tBodyAcc.mean.Z

Z coordinate of mean body acceleration signals

double

tGravityAcc.mean.X

X coordinate of mean gravity acceleration signals

double

tGravityAcc.mean.Y

Y coordinate of mean gravity acceleration signals

double

tGravityAcc.mean.Z

Z coordinate of mean gravity acceleration signals

double

tBodyAccJerk.mean.X

X coordinate of mean Jerk signals

double

tBodyAccJerk.mean.Y

Y coordinate of mean Jerk signals

double

tBodyAccJerk.mean.Z

Z coordinate of mean Jerk signals

double

tBodyGyro.mean.X

X coordinate of mean body gyro

double

tBodyGyro.mean.Y

Y coordinate of mean body gyro

double

tBodyGyro.mean.Z

Z coordinate of mean body gyro

double

tBodyGyroJerk.mean.X

X coordinate of mean Jerk signals from angular velocity

double

tBodyGyroJerk.mean.Y

Y coordinate of mean Jerk signals from angular velocity

double

tBodyGyroJerk.mean.Z

Z coordinate of mean Jerk signals from angular velocity

double

tBodyAccMag.mean

Magnitude mean using the Euclidean norm from body acceleration signals

double

tGravityAccMag.mean

Magnitude mean using the Euclidean norm from body acceleration signals

double

tBodyAccJerkMag.mean

Magnitude mean using the Euclidean norm from Jerk signals

double

tBodyGyroMag.mean

Magnitude mean using the Euclidean norm from Fast Fourier Transform to body gyro

double

tBodyGyroJerkMag.mean

Magnitude mean using the Euclidean norm from Jerk signals from angular velocity

double

fBodyAcc.mean.X

X coordinate of mean body acceleration signals transformed to Fast Fourier Transform

double

fBodyAcc.mean.Y

Y coordinate of mean body acceleration signals transformed to Fast Fourier Transform

double

fBodyAcc.mean.Z

Z coordinate of mean body acceleration signals transformed to Fast Fourier Transform

double

fBodyAccJerk.mean.X

X coordinate of mean Jerk signals transformed to Fast Fourier Transform

double

fBodyAccJerk.mean.Y

Y coordinate of mean Jerk signals transformed to Fast Fourier Transform

double

fBodyAccJerk.mean.Z

Z coordinate of mean Jerk signals transformed to Fast Fourier Transform

double

fBodyGyro.mean.X

X coordinate of mean body gyro transformed to Fast Fourier Transform

double

fBodyGyro.mean.Y

Y coordinate of mean body gyro transformed to Fast Fourier Transform

double

fBodyGyro.mean.Z

Z coordinate of mean body gyro transformed to Fast Fourier Transform

double

fBodyAccMag.mean

Magnitude mean using the Euclidean norm from body acceleration signals transformed to Fast Fourier Transform

double

fBodyBodyAccJerkMag.mean

Magnitude mean using the Euclidean norm from body acceleration signals transformed to Fast Fourier Transform

double

fBodyBodyGyroMag.mean

Magnitude mean using the Euclidean norm from body acceleration signals transformed to Fast Fourier Transform

double

fBodyBodyGyroJerkMag.mean

Magnitude mean using the Euclidean norm from Jerk signals transformed to Fast Fourier Transform

double

tBodyAcc.std.X

X coordinate of std body acceleration signals

double

tBodyAcc.std.Y

Y coordinate of std body acceleration signals

double

tBodyAcc.std.Z

Z coordinate of std body acceleration signals

double

tGravityAcc.std.X

X coordinate of std gravity acceleration signals

double

tGravityAcc.std.Y

Y coordinate of std gravity acceleration signals

double

tGravityAcc.std.Z

Z coordinate of std gravity acceleration signals

double

tBodyAccJerk.std.X

X coordinate of std Jerk signals

double

tBodyAccJerk.std.Y

Y coordinate of std Jerk signals

double

tBodyAccJerk.std.Z

Z coordinate of std Jerk signals

double

tBodyGyro.std.X

X coordinate of std body gyro

double

tBodyGyro.std.Y

Y coordinate of std body gyro

double

tBodyGyro.std.Z

Z coordinate of std body gyro

double

tBodyGyroJerk.std.X

X coordinate of std Jerk signals from angular velocity

double

tBodyGyroJerk.std.Y

Y coordinate of std Jerk signals from angular velocity

double

tBodyGyroJerk.std.Z

Z coordinate of std Jerk signals from angular velocity

double

tBodyAccMag.std

Magnitude std using the Euclidean norm from body acceleration signals

double

tGravityAccMag.std

Magnitude std using the Euclidean norm from body acceleration signals

double

tBodyAccJerkMag.std

Magnitude std using the Euclidean norm from Jerk signals

double

tBodyGyroMag.std

Magnitude std using the Euclidean norm from Fast Fourier Transform to body gyro

double

tBodyGyroJerkMag.std

Magnitude std using the Euclidean norm from Jerk signals from angular velocity

double

fBodyAcc.std.X

X coordinate of std body acceleration signals transformed to Fast Fourier Transform

double

fBodyAcc.std.Y

Y coordinate of std body acceleration signals transformed to Fast Fourier Transform

double

fBodyAcc.std.Z

Z coordinate of std body acceleration signals transformed to Fast Fourier Transform

double

fBodyAccJerk.std.X

X coordinate of std Jerk signals transformed to Fast Fourier Transform

double

fBodyAccJerk.std.Y

Y coordinate of std Jerk signals transformed to Fast Fourier Transform

double

fBodyAccJerk.std.Z

Z coordinate of std Jerk signals transformed to Fast Fourier Transform

double

fBodyGyro.std.X

X coordinate of std body gyro transformed to Fast Fourier Transform

double

fBodyGyro.std.Y

Y coordinate of std body gyro transformed to Fast Fourier Transform

double

fBodyGyro.std.Z

Z coordinate of std body gyro transformed to Fast Fourier Transform

double

fBodyAccMag.std

Magnitude std using the Euclidean norm from body acceleration signals transformed to Fast Fourier Transform

double

fBodyBodyAccJerkMag.std

Magnitude std using the Euclidean norm from body acceleration signals transformed to Fast Fourier Transform

double

fBodyBodyGyroMag.std

Magnitude std using the Euclidean norm from body acceleration signals transformed to Fast Fourier Transform

double

fBodyBodyGyroJerkMag.std

Magnitude std using the Euclidean norm from Jerk signals transformed to Fast Fourier Transform

double