

Variable Names	Value
subject	1
(Identification of 30 volunteers who participated in study)	2
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activity	1 WALKING
(Activity done by subject)	2 WALKING_UPSTAIRS
	3 WALKING_DOWNSTAIRS
	4 SITTING
	5 STANDING
	6 LAYING
tBodyAccelerationMinusMeanMinusX	tBodyAcc-mean()-X
tBodyAccelerationMinusMeanMinusY	tBodyAcc-mean()-Y
tBodyAccelerationMinusMeanMinusZ	tBodyAcc-mean()-Z
tBodyAccelerationMinusStandardDeviationMinusX	tBodyAcc-std()-X

tBodyAccelerationMinusStandardDeviationMinusY	tBodyAcc-std()-Y
tBodyAccelerationMinusStandardDeviationMinusZ	tBodyAcc-std()-Z
tGravityAccelerationMinusMeanMinusX	tGravityAcc-mean()-X
tGravityAccelerationMinusMeanMinusY	tGravityAcc-mean()-Y
tGravityAccelerationMinusMeanMinusZ	tGravityAcc-mean()-Z
tGravityAccelerationMinusStandardDeviationMinusX	tGravityAcc-std()-X
tGravityAccelerationMinusStandardDeviationMinusY	tGravityAcc-std()-Y
tGravityAccelerationMinusStandardDeviationMinusZ	tGravityAcc-std()-Z
tBodyAccelerationJerkMinusMeanMinusX	tBodyAccJerk-mean()-X
tBodyAccelerationJerkMinusMeanMinusY	tBodyAccJerk-mean()-Y
tBodyAccelerationJerkMinusMeanMinusZ	tBodyAccJerk-mean()-Z
tBodyAccelerationJerkMinusStandardDeviationMinusX	tBodyAccJerk-std()-X
tBodyAccelerationJerkMinusStandardDeviationMinusY	tBodyAccJerk-std()-Y
tBodyAccelerationJerkMinusStandardDeviationMinusZ	tBodyAccJerk-std()-Z
tBodyGyroMinusMeanMinusX	tBodyGyro-mean()-X
tBodyGyroMinusMeanMinusY	tBodyGyro-mean()-Y
tBodyGyroMinusMeanMinusZ	tBodyGyro-mean()-Z
tBodyGyroMinusStandardDeviationMinusX	tBodyGyro-std()-X
tBodyGyroMinusStandardDeviationMinusY	tBodyGyro-std()-Y
tBodyGyroMinusStandardDeviationMinusZ	tBodyGyro-std()-Z
tBodyGyroJerkMinusMeanMinusX	tBodyGyroJerk-mean()-X
tBodyGyroJerkMinusMeanMinusY	tBodyGyroJerk-mean()-Y
tBodyGyroJerkMinusMeanMinusZ	tBodyGyroJerk-mean()-Z
tBodyGyroJerkMinusStandardDeviationMinusX	tBodyGyroJerk-std()-X
tBodyGyroJerkMinusStandardDeviationMinusY	tBodyGyroJerk-std()-Y
tBodyGyroJerkMinusStandardDeviationMinusZ	tBodyGyroJerk-std()-Z
tBodyAccelerationMagnitudeMinusMean	tBodyAccMag-mean()
tBodyAccelerationMagnitudeMinusStandardDeviation	tBodyAccMag-std()
tGravityAccelerationMagnitudeMinusMean	tGravityAccMag-mean()
tGravityAccelerationMagnitudeMinusStandardDeviation	tGravityAccMag-std()
tBodyAccelerationJerkMagnitudeMinusMean	tBodyAccJerkMag-mean()
tBodyAccelerationJerkMagnitudeMinusStandardDeviation	tBodyAccJerkMag-std()
tBodyGyroMagnitudeMinusMean	tBodyGyroMag-mean()
tBodyGyroMagnitudeMinusStandardDeviation	tBodyGyroMag-std()
tBodyGyroJerkMagnitudeMinusMean	tBodyGyroJerkMag-mean()
tBodyGyroJerkMagnitudeMinusStandardDeviation	tBodyGyroJerkMag-std()
fBodyAccelerationMinusMeanMinusX	fBodyAcc-mean()-X
fBodyAccelerationMinusMeanMinusY	fBodyAcc-mean()-Y
fBodyAccelerationMinusMeanMinusZ	fBodyAcc-mean()-Z
fBodyAccelerationMinusStandardDeviationMinusX	fBodyAcc-std()-X
fBodyAccelerationMinusStandardDeviationMinusY	fBodyAcc-std()-Y
fBodyAccelerationMinusStandardDeviationMinusZ	fBodyAcc-std()-Z
fBodyAccelerationMinusMeanFrequencyMinusX	fBodyAcc-meanFreq()-X
fBodyAccelerationMinusMeanFrequencyMinusY	fBodyAcc-meanFreq()-Y
fBodyAccelerationMinusMeanFrequencyMinusZ	fBodyAcc-meanFreq()-Z
fBodyAccelerationJerkMinusMeanMinusX	fBodyAccJerk-mean()-X

fBodyAccelerationJerkMinusMeanMinusY	fBodyAccJerk-mean()-Y
fBodyAccelerationJerkMinusMeanMinusZ	fBodyAccJerk-mean()-Z
fBodyAccelerationJerkMinusStandardDeviationMinusX	fBodyAccJerk-std()-X
fBodyAccelerationJerkMinusStandardDeviationMinusY	fBodyAccJerk-std()-Y
fBodyAccelerationJerkMinusStandardDeviationMinusZ	fBodyAccJerk-std()-Z
fBodyAccelerationJerkMinusMeanFrequencyMinusX	fBodyAccJerk-meanFreq()-X
fBodyAccelerationJerkMinusMeanFrequencyMinusY	fBodyAccJerk-meanFreq()-Y
fBodyAccelerationJerkMinusMeanFrequencyMinusZ	fBodyAccJerk-meanFreq()-Z
fBodyGyroMinusMeanMinusX	fBodyGyro-mean()-X
fBodyGyroMinusMeanMinusY	fBodyGyro-mean()-Y
fBodyGyroMinusMeanMinusZ	fBodyGyro-mean()-Z
fBodyGyroMinusStandardDeviationMinusX	fBodyGyro-std()-X
fBodyGyroMinusStandardDeviationMinusY	fBodyGyro-std()-Y
fBodyGyroMinusStandardDeviationMinusZ	fBodyGyro-std()-Z
fBodyGyroMinusMeanFrequencyMinusX	fBodyGyro-meanFreq()-X
fBodyGyroMinusMeanFrequencyMinusY	fBodyGyro-meanFreq()-Y
fBodyGyroMinusMeanFrequencyMinusZ	fBodyGyro-meanFreq()-Z
fBodyAccelerationMagnitudeMinusMean	fBodyAccMag-mean()
fBodyAccelerationMagnitudeMinusStandardDeviation	fBodyAccMag-std()
fBodyAccelerationMagnitudeMinusMeanFrequency	fBodyAccMag-meanFreq()
fBodyBodyAccelerationJerkMagnitudeMinusMean	fBodyBodyAccJerkMag-mean()
fBodyBodyAccelerationJerkMagnitudeMinusStandardDeviation	fBodyBodyAccJerkMag-std()
fBodyBodyAccelerationJerkMagnitudeMinusMeanFrequency	fBodyBodyAccJerkMag-meanFreq()
fBodyBodyGyroMagnitudeMinusMean	fBodyBodyGyroMag-mean()
fBodyBodyGyroMagnitudeMinusStandardDeviation	fBodyBodyGyroMag-std()
fBodyBodyGyroMagnitudeMinusMeanFrequency	fBodyBodyGyroMag-meanFreq()
fBodyBodyGyroJerkMagnitudeMinusMean	fBodyBodyGyroJerkMag-mean()
fBodyBodyGyroJerkMagnitudeMinusStandardDeviation	fBodyBodyGyroJerkMag-std()
fBodyBodyGyroJerkMagnitudeMinusMeanFrequency	fBodyBodyGyroJerkMag-meanFreq()
angletBodyAccelerationMeanGravity	angle(tBodyAccMean,gravity)
angletBodyAccelerationJerkMeanGravityMean	angle(tBodyAccJerkMean,gravityMean)
angletBodyGyroMeanGravityMean	angle(tBodyGyroMean,gravityMean)
angletBodyGyroJerkMeanGravityMean	angle(tBodyGyroJerkMean,gravityMean)
angleXGravityMean	angle(X,gravityMean)
angleYGravityMean	angle(Y,gravityMean)
angleZGravityMean	angle(Z,gravityMean)