Variable Names	Value
subject	1
(Identification of 30 volunteers who participated in study)	2
· · · · · · · · · · · · · · · · · · ·	3
	4
	5
	6
	7
	8
	9
	10
	11
	12
	13
	14
	15
	16
	17
	18
	19
	20
	21
	22
	23
	24
	25
	26
	27
	28
	29
	30
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
thoughttelerationivimus Standard Deviationivimus A	LDUUYACC-SIU(J-A

+DadyAccolorationMinusCtandardDaviationMinusV	+DodyAccetd() V
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
	, v

FBodyAccelerationJerkMinusXeanMinusZ FBodyAccelerk-mean()-Z FBodyAccelerationJerkMinusStandardDeviationMinusX FBodyAccelerationJerkMinusStandardDeviationMinusX FBodyAccelerk-std()-X FBodyAccelerationJerkMinusStandardDeviationMinusZ FBodyAccelerk-std()-Z FBodyAccelerationJerkMinusMeanFrequencyMinusX FBodyAccelerk-meanFreq()-X FBodyAccelerationJerkMinusMeanFrequencyMinusX FBodyAccelerk-meanFreq()-X FBodyAccelerationJerkMinusMeanFrequencyMinusX FBodyAccelerk-meanFreq()-X FBodyAccelerationJerkMinusMeanFrequencyMinusZ FBodyAccelerk-meanFreq()-X FBodyGyroMinusMeanMinusX FBodyGyro-mean()-X FBodyGyroMinusMeanMinusX FBodyGyro-mean()-X FBodyGyroMinusMeanMinusX FBodyGyro-mean()-X FBodyGyroMinusMeanMinusX FBodyGyro-mean()-X FBodyGyroMinusStandardDeviationMinusX FBodyGyro-mean()-X FBodyGyroMinusStandardDeviationMinusX FBodyGyro-std()-X FBodyGyroMinusMeanFrequencyMinusX FBodyGyro-meanFreq()-X FBodyGyroMinusMeanFrequencyMinusX FBodyGyro-meanFreq()-X FBodyGyro-meanFreq()-X FBodyGyroMinusMeanFrequencyMinusX FBodyGyro-meanFreq()-X FBodyGyro-meanFreq()-X FBodyGyro-meanFreq()-X FBodyGyroMinusMeanFrequencyMinusX FBodyGyro-meanFreq()-X FBodyGyro-meanFreq()-X FBodyGyro-meanFreq()-X FBodyGyro-meanFreq()-X FBodyGyro-meanFreq()-X FBodyGyroMinusMeanFrequencyMinusX FBodyGyro-meanFreq()-X FBodyGyroMinusMeanFrequencyMinusX FBodyGyroMag-mean() FBodyAccelerationMagnitudeMinusMean FBodyAccMag-mean() FBodyBodyAccelerationMagnitudeMinusMean FBodyBodyAccelerationJerkMagnitudeMinusMean FBodyBodyAccelerationJerkMagnitudeMinusMean FBodyBodyGyroMag-mean() FBodyBodyGyroMagnitudeMinusMean FBodyBodyGyroMagnitudeMinusMean FBodyBodyGyroMagnitudeMinusMean FBodyBodyGyroMagnitudeMinusMean FBodyBodyGyroMagnitudeMinusMean FBodyBodyGyroMagnitudeMinusMean FBodyBodyGyroMagnitudeMinusMean FBodyBodyGyroJerkMag-meanFreq() FBodyBodyGyroJerkMagnitudeMinusMeanFrequency FBodyBodyGyroJerkMag-meanFreq() FBodyBodyGyroJerkMagnitudeMinusMeanFrequency	fBodyAccelerationJerkMinusMeanMinusY	fBodyAccJerk-mean()-Y
fBodyAccelerationJerkMinusStandardDeviationMinusY fBodyAccelerstd()-X fBodyAccelerationJerkMinusStandardDeviationMinusY fBodyAccelerstd()-Y fBodyAccelerationJerkMinusStandardDeviationMinusX fBodyAcceler-std()-Z fBodyAccelerationJerkMinusMeanFrequencyMinusX fBodyAcceler-meanFreq()-X fBodyAccelerationJerkMinusMeanFrequencyMinusY fBodyAcceler-meanFreq()-Y fBodyGyroMinusMeanMinusX fBodyGyro-mean()-X fBodyGyroMinusMeanMinusX fBodyGyro-mean()-Y fBodyGyroMinusMeanMinusY fBodyGyro-mean()-Y fBodyGyroMinusStandardDeviationMinusX fBodyGyro-mean()-X fBodyGyroMinusStandardDeviationMinusY fBodyGyro-std()-X fBodyGyroMinusStandardDeviationMinusY fBodyGyro-std()-Y fBodyGyroMinusStandardDeviationMinusX fBodyGyro-meanFreq()-X fBodyGyroMinusMeanFrequencyMinusX fBodyGyro-meanFreq()-X fBodyGyroMinusMeanFrequencyMinusX fBodyGyro-meanFreq()-Y fBodyAccelerationMagnitudeMinusMean fBodyAccMag-mean() fBodyAccelerationMagnitudeMinusStandardDeviation fBodyAccMag-mean() fBodyBodyAccelerationJerkMagnitudeMinusMean fBodyBodyAccelerationJerkMagnitudeMinusMean fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroMag-meanFreq() <td>·</td> <td></td>	·	
fBodyAccelerationJerkMinusStandardDeviationMinusZ fBodyAcceler-std()-Z fBodyAccelerationJerkMinusMeanFrequencyMinusX fBodyAcceler-meanFreq()-X fBodyAccelerationJerkMinusMeanFrequencyMinusY fBodyAcceler-meanFreq()-Y fBodyAccelerationJerkMinusMeanFrequencyMinusZ fBodyGyro-mean()-X fBodyGyroMinusMeanMinusX fBodyGyro-mean()-Y fBodyGyroMinusMeanMinusZ fBodyGyro-mean()-Z fBodyGyroMinusStandardDeviationMinusX fBodyGyro-std()-X fBodyGyroMinusStandardDeviationMinusZ fBodyGyro-std()-Y fBodyGyroMinusStandardDeviationMinusZ fBodyGyro-std()-Z fBodyGyroMinusStandardDeviationMinusZ fBodyGyro-meanFreq()-Z fBodyGyroMinusMeanFrequencyMinusX fBodyGyro-meanFreq()-X fBodyGyroMinusMeanFrequencyMinusZ fBodyGyro-meanFreq()-Y fBodyGyroMinusMeanFrequencyMinusZ fBodyGyro-meanFreq()-Y fBodyAccelerationMagnitudeMinusMean fBodyAccMag-mean() fBodyAccelerationMagnitudeMinusMean fBodyAccMag-mean() fBodyBodyAccelerationJerkMagnitudeMinusMean fBodyBodyAccelerationJerkMagnitudeMinusStandardDeviation fBodyBodyAccelerkMag-mean() fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroMag-meanFreq() fBodyBodyGyroMag-meanFreq()	fBodyAccelerationJerkMinusStandardDeviationMinusX	fBodyAccJerk-std()-X
fBodyAccelerationJerkMinusMeanFrequencyMinusX fBodyAcceler-meanFreq()-X fBodyAccelerationJerkMinusMeanFrequencyMinusX fBodyAcceler-meanFreq()-Y fBodyGyroMinusMeanMinusX fBodyGyro-mean()-X fBodyGyroMinusMeanMinusX fBodyGyro-mean()-Y fBodyGyroMinusMeanMinusY fBodyGyro-mean()-Y fBodyGyroMinusMeanMinusZ fBodyGyro-mean()-Z fBodyGyroMinusStandardDeviationMinusX fBodyGyro-std()-X fBodyGyroMinusStandardDeviationMinusY fBodyGyro-std()-Y fBodyGyroMinusStandardDeviationMinusZ fBodyGyro-std()-X fBodyGyroMinusMeanFrequencyMinusX fBodyGyro-meanFreq()-X fBodyGyroMinusMeanFrequencyMinusX fBodyGyro-meanFreq()-X fBodyGyroMinusMeanFrequencyMinusZ fBodyGyro-meanFreq()-Y fBodyGyroMinusMeanFrequencyMinusZ fBodyGyro-meanFreq()-Z fBodyAccelerationMagnitudeMinusMean fBodyAccMag-meanfreq()-Z fBodyAccelerationMagnitudeMinusMeanFrequency fBodyAccMag-meanFreq() fBodyBodyAccelerationJerkMagnitudeMinusMean fBodyBodyAccelerkMag-mean() fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroMag-mean() fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroMag-mean() fBodyBodyGyroMagnitudeMinusMean	fBodyAccelerationJerkMinusStandardDeviationMinusY	fBodyAccJerk-std()-Y
fBodyAccelerationJerkMinusMeanFrequencyMinusZ fBodyAccJerk-meanFreq()-Y fBodyGyroMinusMeanMinusX fBodyGyroMinusMeanMinusX fBodyGyroMinusMeanMinusY fBodyGyro-mean()-Y fBodyGyroMinusMeanMinusZ fBodyGyro-mean()-Z fBodyGyroMinusMeanMinusZ fBodyGyro-mean()-Z fBodyGyroMinusStandardDeviationMinusX fBodyGyro-enal()-X fBodyGyroMinusStandardDeviationMinusY fBodyGyro-std()-X fBodyGyroMinusStandardDeviationMinusZ fBodyGyro-std()-Z fBodyGyroMinusMeanFrequencyMinusX fBodyGyro-enanFreq()-X fBodyGyroMinusMeanFrequencyMinusZ fBodyGyro-meanFreq()-Y fBodyGyroMinusMeanFrequencyMinusZ fBodyGyro-meanFreq()-Z fBodyAccelerationMagnitudeMinusMean fBodyAccMag-mean() fBodyAccelerationMagnitudeMinusStandardDeviation fBodyAccMag-meanFreq() fBodyBodyAccelerationJerkMagnitudeMinusMean fBodyBodyAccelerationJerkMagnitudeMinusMean fBodyBodyAccelerationJerkMagnitudeMinusMean fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroMagnean() fBodyBodyGyroMagnean() fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroMagnean() fBodyBodyGyroMagnean() fBodyBodyGyroMagnitudeMinusStandardDeviation fBodyBodyGyroMagnean() fBodyBodyGyro	fBodyAccelerationJerkMinusStandardDeviationMinusZ	fBodyAccJerk-std()-Z
fBodyAccelerationJerkMinusMeanFrequencyMinusZ fBodyGyro-mean()-Z fBodyGyroMinusMeanMinusX fBodyGyro-mean()-X fBodyGyroMinusMeanMinusY fBodyGyro-mean()-Y fBodyGyroMinusMeanMinusZ fBodyGyro-std()-X fBodyGyroMinusStandardDeviationMinusX fBodyGyro-std()-Y fBodyGyroMinusStandardDeviationMinusZ fBodyGyro-std()-Z fBodyGyroMinusStandardDeviationMinusZ fBodyGyro-std()-Z fBodyGyroMinusMeanFrequencyMinusX fBodyGyro-meanFreq()-X fBodyGyroMinusMeanFrequencyMinusY fBodyGyro-meanFreq()-Y fBodyGyroMinusMeanFrequencyMinusZ fBodyGyro-meanFreq()-Z fBodyAccelerationMagnitudeMinusMean fBodyAccMag-mean() fBodyAccelerationMagnitudeMinusStandardDeviation fBodyAccMag-mean() fBodyBodyAccelerationJerkMagnitudeMinusMean fBodyBodyAccelerationJerkMagnitudeMinusMean fBodyBodyAccelerationJerkMagnitudeMinusStandardDeviation fBodyBodyGyroMagnemean() fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroMagnemean() fBodyBodyGyroMagnitudeMinusStandardDeviation fBodyBodyGyroMag-mean() fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroMag-mean() fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroMag-mean() fBo	fBodyAccelerationJerkMinusMeanFrequencyMinusX	fBodyAccJerk-meanFreq()-X
fBodyGyroMinusMeanMinusX fBodyGyro-mean()-X fBodyGyroMinusMeanMinusY fBodyGyro-mean()-Y fBodyGyroMinusMeanMinusZ fBodyGyro-mean()-Z fBodyGyroMinusStandardDeviationMinusX fBodyGyro-std()-X fBodyGyroMinusStandardDeviationMinusY fBodyGyro-std()-Z fBodyGyroMinusStandardDeviationMinusZ fBodyGyro-std()-Z fBodyGyroMinusMeanFrequencyMinusX fBodyGyro-meanFreq()-X fBodyGyroMinusMeanFrequencyMinusY fBodyGyro-meanFreq()-Y fBodyGyroMinusMeanFrequencyMinusZ fBodyGyro-meanFreq()-Z fBodyAccelerationMagnitudeMinusMean fBodyAccMag-mean() fBodyAccelerationMagnitudeMinusStandardDeviation fBodyAccMag-meanFreq() fBodyBodyAccelerationJerkMagnitudeMinusMean fBodyBodyAccelerkMag-mean() fBodyBodyAccelerationJerkMagnitudeMinusStandardDeviation fBodyBodyAccelerkMag-mean() fBodyBodyAccelerationJerkMagnitudeMinusMean fBodyBodyGyroMag-mean() fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroMag-mean() fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroMag-mean() fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroMag-mean() fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroMag-mean() fBodyBodyGyroMagnitude	fBodyAccelerationJerkMinusMeanFrequencyMinusY	fBodyAccJerk-meanFreq()-Y
fBodyGyroMinusMeanMinusY fBodyGyro-mean()-Y fBodyGyroMinusMeanMinusZ fBodyGyro-mean()-Z fBodyGyroMinusStandardDeviationMinusX fBodyGyro-std()-X fBodyGyroMinusStandardDeviationMinusY fBodyGyro-std()-Y fBodyGyroMinusStandardDeviationMinusZ fBodyGyro-std()-Z fBodyGyroMinusMeanFrequencyMinusX fBodyGyro-meanFreq()-X fBodyGyroMinusMeanFrequencyMinusZ fBodyGyro-meanFreq()-Y fBodyGyroMinusMeanFrequencyMinusZ fBodyGyro-meanFreq()-Z fBodyAccelerationMagnitudeMinusMean fBodyAccMag-mean() fBodyAccelerationMagnitudeMinusMean fBodyAccMag-mean() fBodyBodyAccelerationJerkMagnitudeMinusMean fBodyBodyAccelerkMag-mean() fBodyBodyAccelerationJerkMagnitudeMinusMean fBodyBodyAccelerkMag-mean() fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroMag-mean() fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroMag-mean() fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroMag-mean() fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroMag-mean() fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroMag-meanFreq() fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroMag-meanFreq() fBodyBodyGyroJerkMagnitudeMinusMean	fBodyAccelerationJerkMinusMeanFrequencyMinusZ	fBodyAccJerk-meanFreq()-Z
fBodyGyroMinusMeanMinusZ fBodyGyro-mean()-Z fBodyGyroMinusStandardDeviationMinusX fBodyGyro-std()-X fBodyGyroMinusStandardDeviationMinusY fBodyGyro-std()-Y fBodyGyroMinusStandardDeviationMinusZ fBodyGyro-std()-Z fBodyGyroMinusMeanFrequencyMinusX fBodyGyro-meanFreq()-X fBodyGyroMinusMeanFrequencyMinusZ fBodyGyro-meanFreq()-Y fBodyGyroMinusMeanFrequencyMinusZ fBodyAccMag-mean() fBodyAccelerationMagnitudeMinusMean fBodyAccMag-mean() fBodyAccelerationMagnitudeMinusStandardDeviation fBodyAccMag-meanFreq() fBodyBodyAccelerationJerkMagnitudeMinusMean fBodyBodyAccelerkMag-mean() fBodyBodyAccelerationJerkMagnitudeMinusMean fBodyBodyAccelerkMag-mean() fBodyBodyAccelerationJerkMagnitudeMinusMeanFrequency fBodyBodyGyroMag-mean() fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroMag-mean() fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroMag-mean() fBodyBodyGyroMagnitudeMinusMeanFrequency fBodyBodyGyroMag-mean() fBodyBodyGyroJerkMagnitudeMinusMean fBodyBodyGyroJerkMag-mean() fBodyBodyGyroJerkMagnitudeMinusStandardDeviation fBodyBodyGyroJerkMag-mean() fBodyBodyGyroJerkMagnitudeMinusMean fBodyBodyGyroJerkMag-mea	fBodyGyroMinusMeanMinusX	fBodyGyro-mean()-X
fBodyGyroMinusStandardDeviationMinusX fBodyGyro-std()-X fBodyGyroMinusStandardDeviationMinusY fBodyGyro-std()-Y fBodyGyroMinusStandardDeviationMinusZ fBodyGyro-std()-Z fBodyGyroMinusMeanFrequencyMinusX fBodyGyro-meanFreq()-X fBodyGyroMinusMeanFrequencyMinusY fBodyGyro-meanFreq()-Y fBodyGyroMinusMeanFrequencyMinusZ fBodyAccolerationMagnitudeMinusMean fBodyAccelerationMagnitudeMinusMean fBodyAccolerationMagnitudeMinusMean fBodyAccelerationMagnitudeMinusMeanFrequency fBodyAccMag-meanFreq() fBodyBodyAccelerationJerkMagnitudeMinusMean fBodyBodyAccelerationJerkMagnitudeMinusMean fBodyBodyAccelerationJerkMagnitudeMinusStandardDeviation fBodyBodyAccelerkMag-meanFreq() fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroMag-meanFreq() fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroMag-meanFreq() fBodyBodyGyroMagnitudeMinusMeanFrequency fBodyBodyGyroMag-meanFreq() fBodyBodyGyroJerkMagnitudeMinusMean fBodyBodyGyroJerkMag-mean() fBodyBodyGyroJerkMagnitudeMinusMean fBodyBodyGyroJerkMag-mean() fBodyBodyGyroJerkMagnitudeMinusMeanFrequency fBodyBodyGyroJerkMag-meanFreq() fBodyBodyGyroJerkMagnitudeMinusMeanFrequency fBodyBodyGyroJerkMag-meanFreq()	fBodyGyroMinusMeanMinusY	fBodyGyro-mean()-Y
fBodyGyroMinusStandardDeviationMinusYfBodyGyro-std()-YfBodyGyroMinusStandardDeviationMinusZfBodyGyro-std()-ZfBodyGyroMinusMeanFrequencyMinusXfBodyGyro-meanFreq()-XfBodyGyroMinusMeanFrequencyMinusYfBodyGyro-meanFreq()-YfBodyGyroMinusMeanFrequencyMinusZfBodyGyro-meanFreq()-ZfBodyAccelerationMagnitudeMinusMeanfBodyAccMag-mean()fBodyAccelerationMagnitudeMinusStandardDeviationfBodyAccMag-meanFreq()fBodyBodyAccelerationJerkMagnitudeMinusMeanfBodyBodyAcclerkMag-meanFreq()fBodyBodyAccelerationJerkMagnitudeMinusMeanfBodyBodyAccJerkMag-mean()fBodyBodyAccelerationJerkMagnitudeMinusStandardDeviationfBodyBodyAccJerkMag-meanFreq()fBodyBodyGyroMagnitudeMinusMeanfBodyBodyGyroMag-meanFreq()fBodyBodyGyroMagnitudeMinusMeanfBodyBodyGyroMag-meanFreq()fBodyBodyGyroMagnitudeMinusStandardDeviationfBodyBodyGyroMag-meanFreq()fBodyBodyGyroMagnitudeMinusMeanfBodyBodyGyroMag-meanFreq()fBodyBodyGyroJerkMagnitudeMinusMeanfBodyBodyGyroJerkMag-mean()fBodyBodyGyroJerkMagnitudeMinusStandardDeviationfBodyBodyGyroJerkMag-mean()fBodyBodyGyroJerkMagnitudeMinusStandardDeviationfBodyBodyGyroJerkMag-mean()fBodyBodyGyroJerkMagnitudeMinusMeanFrequencyfBodyBodyGyroJerkMag-meanFreq()angletBodyAccelerationMeanGravityangle(tBodyAccelerationJerkMean),gravityMean)angletBodyGyroMeanGravityMeanangle(tBodyAccelerkMean),gravityMean)angletBodyGyroJerkMeanGravityMeanangle(tBodyGyroJerkMean,gravityMean)angletBodyGyroJerkMeanGravityMeanangle(tBodyGyroJerkMean,gravityMean) <t< td=""><td>fBodyGyroMinusMeanMinusZ</td><td>fBodyGyro-mean()-Z</td></t<>	fBodyGyroMinusMeanMinusZ	fBodyGyro-mean()-Z
fBodyGyroMinusStandardDeviationMinusZ fBodyGyroMinusMeanFrequencyMinusX fBodyGyroMinusMeanFrequencyMinusY fBodyGyroMinusMeanFrequencyMinusY fBodyGyroMinusMeanFrequencyMinusZ fBodyGyroMinusMeanFrequencyMinusZ fBodyGyroMinusMeanFrequencyMinusZ fBodyAccelerationMagnitudeMinusMean fBodyAccelerationMagnitudeMinusMean fBodyAccelerationMagnitudeMinusMeanFrequency fBodyAccelerationMagnitudeMinusMeanFrequency fBodyBodyAccelerationJerkMagnitudeMinusMean fBodyBodyAccelerationJerkMagnitudeMinusStandardDeviation fBodyBodyAccelerationJerkMagnitudeMinusStandardDeviation fBodyBodyAccelerationJerkMagnitudeMinusStandardDeviation fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroMagnitudeMinusStandardDeviation fBodyBodyGyroMagnitudeMinusMeanFrequency fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroJerkMagnitudeMinusMean fBodyBodyGyroJerkMagnitudeMinusMean fBodyBodyGyroJerkMagnitudeMinusMean fBodyBodyGyroJerkMagnitudeMinusMeanFrequency fBodyBodyGyroJerkMagnitudeMinusMeanFrequency fBodyBodyGyroJerkMagnitudeMinusMeanFrequency fBodyBodyGyroJerkMagnitudeMinusMeanFrequency fBodyBodyGyroJerkMagnitudeMinusMeanFrequency angletBodyAccelerationMeanGravity angletBodyAccelerationMeanGravityMean angletBodyGyroMean,gravityMean angletBodyGyroJerkMean,gravityMean) angletBodyGyroJerkMeanGravityMean angletBodyGyroJerkMeanGravityMean angletBodyGyroJerkMean,gravityMean) angletBodyGyroJerkMeanGravityMean angletBodyGyroJerkMean,gravityMean) angletBodyGyroJerkMeanGravityMean angletBodyGyroJerkMean,gravityMean) angletBodyGyroJerkMean,gravityMean angletBodyGyroJerkMean,gravityMean) angletBodyGyroJerkMean,gravityMean)	fBodyGyroMinusStandardDeviationMinusX	fBodyGyro-std()-X
fBodyGyroMinusMeanFrequencyMinusX fBodyGyro-meanFreq()-X fBodyGyroMinusMeanFrequencyMinusY fBodyGyroMinusMeanFrequencyMinusZ fBodyAccelerationMagnitudeMinusMean fBodyAccelerationMagnitudeMinusStandardDeviation fBodyAccelerationMagnitudeMinusMean fBodyAccelerationMagnitudeMinusMean fBodyAccelerationMagnitudeMinusMeanFrequency fBodyBodyAccelerationJerkMagnitudeMinusMean fBodyBodyAccelerationJerkMagnitudeMinusMean fBodyBodyAccelerationJerkMagnitudeMinusStandardDeviation fBodyBodyAccelerationJerkMagnitudeMinusStandardDeviation fBodyBodyAccelerationJerkMagnitudeMinusMeanFrequency fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroMagnitudeMinusStandardDeviation fBodyBodyGyroMagnitudeMinusMeanFrequency fBodyBodyGyroMagnitudeMinusMeanFrequency fBodyBodyGyroJerkMagnitudeMinusMean fBodyBodyGyroJerkMagnitudeMinusMean fBodyBodyGyroJerkMagnitudeMinusMean fBodyBodyGyroJerkMagnitudeMinusMean fBodyBodyGyroJerkMagnitudeMinusMeanFrequency fBodyBodyGyroJerkMagnitudeMinusMeanFrequency fBodyBodyGyroJerkMagnitudeMinusMeanFrequency fBodyBodyGyroJerkMagnitudeMinusMeanFrequency fBodyBodyGyroJerkMagnitudeMinusMeanFrequency angletBodyAccelerationMeanGravity angletBodyAccelerationJerkMeanGravityMean angletBodyGyroMeanGravityMean angletBodyGyroMeanGravityMean angletBodyGyroJerkMeanGravityMean angletBodyGyroJerkMeanGravityMean angletBodyGyroJerkMeanGravityMean angletBodyGyroJerkMeanGravityMean angletBodyGyroJerkMeanGravityMean angletBodyGyroJerkMeanGravityMean angletBodyGyroJerkMean,gravityMean) angletBodyGyroJerkMeanGravityMean angletGygravityMean angletGygravityMean angletGygravityMean angletGygravityMean angletGygravityMean angletGygravityMean	fBodyGyroMinusStandardDeviationMinusY	fBodyGyro-std()-Y
fBodyGyroMinusMeanFrequencyMinusYfBodyGyro-meanFreq()-YfBodyGyroMinusMeanFrequencyMinusZfBodyGyro-meanFreq()-ZfBodyAccelerationMagnitudeMinusMeanfBodyAccMag-mean()fBodyAccelerationMagnitudeMinusStandardDeviationfBodyAccMag-std()fBodyAccelerationMagnitudeMinusMeanFrequencyfBodyAccMag-meanFreq()fBodyBodyAccelerationJerkMagnitudeMinusMeanfBodyBodyAccJerkMag-mean()fBodyBodyAccelerationJerkMagnitudeMinusStandardDeviationfBodyBodyAccJerkMag-std()fBodyBodyAccelerationJerkMagnitudeMinusMeanFrequencyfBodyBodyGyroMag-meanFreq()fBodyBodyGyroMagnitudeMinusMeanfBodyBodyGyroMag-mean()fBodyBodyGyroMagnitudeMinusStandardDeviationfBodyBodyGyroMag-meanFreq()fBodyBodyGyroJerkMagnitudeMinusMeanfBodyBodyGyroMag-meanFreq()fBodyBodyGyroJerkMagnitudeMinusMeanfBodyBodyGyroJerkMag-mean()fBodyBodyGyroJerkMagnitudeMinusStandardDeviationfBodyBodyGyroJerkMag-meanFreq()fBodyBodyGyroJerkMagnitudeMinusMeanFrequencyfBodyBodyGyroJerkMag-meanFreq()angletBodyAccelerationMeanGravityangle(tBodyAccMean,gravity)angletBodyAccelerationJerkMeanGravityMeanangle(tBodyGyroMean,gravityMean)angletBodyGyroMeanGravityMeanangle(tBodyGyroJerkMean,gravityMean)angletBodyGyroJerkMeanGravityMeanangle(tBodyGyroJerkMean,gravityMean)angletBodyGyroJerkMeanGravityMeanangle(tBodyGyroJerkMean,gravityMean)angletBodyGyroJerkMeanGravityMeanangle(tBodyGyroJerkMean,gravityMean)	fBodyGyroMinusStandardDeviationMinusZ	fBodyGyro-std()-Z
fBodyGyroMinusMeanFrequencyMinusZfBodyGyro-meanFreq()-ZfBodyAccelerationMagnitudeMinusMeanfBodyAccMag-mean()fBodyAccelerationMagnitudeMinusStandardDeviationfBodyAccMag-std()fBodyAccelerationMagnitudeMinusMeanFrequencyfBodyAccMag-meanFreq()fBodyBodyAccelerationJerkMagnitudeMinusMeanfBodyBodyAccJerkMag-mean()fBodyBodyAccelerationJerkMagnitudeMinusStandardDeviationfBodyBodyAccJerkMag-std()fBodyBodyGyroMagnitudeMinusMeanFrequencyfBodyBodyGyroMag-meanFreq()fBodyBodyGyroMagnitudeMinusMeanfBodyBodyGyroMag-mean()fBodyBodyGyroMagnitudeMinusStandardDeviationfBodyBodyGyroMag-meanFreq()fBodyBodyGyroJerkMagnitudeMinusMeanfBodyBodyGyroJerkMag-mean()fBodyBodyGyroJerkMagnitudeMinusMeanfBodyBodyGyroJerkMag-mean()fBodyBodyGyroJerkMagnitudeMinusStandardDeviationfBodyBodyGyroJerkMag-std()fBodyBodyGyroJerkMagnitudeMinusMeanFrequencyfBodyBodyGyroJerkMag-meanFreq()angletBodyAccelerationMeanGravityangle(tBodyAccMean,gravity)angletBodyAccelerationJerkMeanGravityMeanangle(tBodyAccJerkMean),gravityMean)angletBodyGyroJerkMeanGravityMeanangle(tBodyGyroJerkMean,gravityMean)angletBodyGyroJerkMeanGravityMeanangle(tBodyGyroJerkMean,gravityMean)angletBodyGravityMeanangle(tBodyGyroJerkMean,gravityMean)angletGravityMeanangle(Y,gravityMean)angletGravityMeanangle(Y,gravityMean)	fBodyGyroMinusMeanFrequencyMinusX	fBodyGyro-meanFreq()-X
fBodyAccelerationMagnitudeMinusMeanfBodyAccMag-mean()fBodyAccelerationMagnitudeMinusStandardDeviationfBodyAccMag-std()fBodyAccelerationMagnitudeMinusMeanFrequencyfBodyAccMag-meanFreq()fBodyBodyAccelerationJerkMagnitudeMinusMeanfBodyBodyAccJerkMag-mean()fBodyBodyAccelerationJerkMagnitudeMinusStandardDeviationfBodyBodyAccJerkMag-std()fBodyBodyGyroMagnitudeMinusMeanFrequencyfBodyBodyGyroMag-meanFreq()fBodyBodyGyroMagnitudeMinusMeanfBodyBodyGyroMag-mean()fBodyBodyGyroMagnitudeMinusStandardDeviationfBodyBodyGyroMag-meanFreq()fBodyBodyGyroJerkMagnitudeMinusMeanFrequencyfBodyBodyGyroJerkMag-mean()fBodyBodyGyroJerkMagnitudeMinusStandardDeviationfBodyBodyGyroJerkMag-std()fBodyBodyGyroJerkMagnitudeMinusStandardDeviationfBodyBodyGyroJerkMag-meanFreq()angletBodyGyroJerkMagnitudeMinusMeanFrequencyfBodyBodyGyroJerkMag-meanFreq()angletBodyAccelerationMeanGravityangle(tBodyAccMean,gravity)angletBodyAccelerationJerkMeanGravityMeanangle(tBodyAccJerkMean),gravityMean)angletBodyGyroMeanGravityMeanangle(tBodyGyroMean,gravityMean)angletBodyGyroJerkMeanGravityMeanangle(tBodyGyroJerkMean,gravityMean)angletBodyGravityMeanangle(X,gravityMean)angletGravityMeanangle(X,gravityMean)	fBodyGyroMinusMeanFrequencyMinusY	fBodyGyro-meanFreq()-Y
fBodyAccelerationMagnitudeMinusStandardDeviationfBodyAccMag-std()fBodyAccelerationMagnitudeMinusMeanFrequencyfBodyAccMag-meanFreq()fBodyBodyAccelerationJerkMagnitudeMinusMeanfBodyBodyAccJerkMag-mean()fBodyBodyAccelerationJerkMagnitudeMinusStandardDeviationfBodyBodyAccJerkMag-std()fBodyBodyGyroMagnitudeMinusMeanFrequencyfBodyBodyGyroMag-mean()fBodyBodyGyroMagnitudeMinusStandardDeviationfBodyBodyGyroMag-meanFreq()fBodyBodyGyroMagnitudeMinusMeanFrequencyfBodyBodyGyroMag-meanFreq()fBodyBodyGyroJerkMagnitudeMinusMeanfBodyBodyGyroJerkMag-mean()fBodyBodyGyroJerkMagnitudeMinusStandardDeviationfBodyBodyGyroJerkMag-std()fBodyBodyGyroJerkMagnitudeMinusMeanFrequencyfBodyBodyGyroJerkMag-meanFreq()angletBodyAccelerationMeanGravityangle(tBodyAccMean,gravity)angletBodyAccelerationJerkMeanGravityMeanangle(tBodyAccJerkMean),gravityMean)angletBodyGyroJerkMeanGravityMeanangle(tBodyGyroJerkMean,gravityMean)angletBodyGyroJerkMeanGravityMeanangle(tBodyGyroJerkMean,gravityMean)angletBodyGroJerkMeanGravityMeanangle(tBodyGyroJerkMean,gravityMean)angletBodyGravityMeanangle(tBodyGyroJerkMean,gravityMean)angletGravityMeanangle(tBodyGyroJerkMean,gravityMean)angletGravityMeanangle(tBodyGyroJerkMean,gravityMean)	fBodyGyroMinusMeanFrequencyMinusZ	fBodyGyro-meanFreq()-Z
fBodyAccelerationMagnitudeMinusMeanFrequencyfBodyAccMag-meanFreq()fBodyBodyAccelerationJerkMagnitudeMinusMeanfBodyBodyAccJerkMag-mean()fBodyBodyAccelerationJerkMagnitudeMinusStandardDeviationfBodyBodyAccJerkMag-std()fBodyBodyAccelerationJerkMagnitudeMinusMeanFrequencyfBodyBodyGyroMag-meanFreq()fBodyBodyGyroMagnitudeMinusMeanfBodyBodyGyroMag-mean()fBodyBodyGyroMagnitudeMinusStandardDeviationfBodyBodyGyroMag-meanFreq()fBodyBodyGyroJerkMagnitudeMinusMeanFrequencyfBodyBodyGyroJerkMag-mean()fBodyBodyGyroJerkMagnitudeMinusStandardDeviationfBodyBodyGyroJerkMag-mean()fBodyBodyGyroJerkMagnitudeMinusMeanFrequencyfBodyBodyGyroJerkMag-meanFreq()angletBodyAccelerationMeanGravityangle(tBodyAccMean,gravity)angletBodyAccelerationJerkMeanGravityMeanangle(tBodyAccJerkMean),gravityMean)angletBodyGyroJerkMeanGravityMeanangle(tBodyGyroJerkMean,gravityMean)angletBodyGyroJerkMeanGravityMeanangle(tBodyGyroJerkMean,gravityMean)angletBodyGyroJerkMeanGravityMeanangle(tBodyGyroJerkMean,gravityMean)angletBodyGyroJerkMeanGravityMeanangle(tBodyGyroJerkMean,gravityMean)angletBodyGyroJerkMeanGravityMeanangle(tBodyGyroJerkMean,gravityMean)	fBodyAccelerationMagnitudeMinusMean	fBodyAccMag-mean()
fBodyBodyAccelerationJerkMagnitudeMinusMeanfBodyBodyAccJerkMag-mean()fBodyBodyAccelerationJerkMagnitudeMinusStandardDeviationfBodyBodyAccJerkMag-std()fBodyBodyAccelerationJerkMagnitudeMinusMeanFrequencyfBodyBodyGyroMag-meanFreq()fBodyBodyGyroMagnitudeMinusMeanfBodyBodyGyroMag-mean()fBodyBodyGyroMagnitudeMinusStandardDeviationfBodyBodyGyroMag-meanFreq()fBodyBodyGyroJerkMagnitudeMinusMeanFrequencyfBodyBodyGyroJerkMag-mean()fBodyBodyGyroJerkMagnitudeMinusStandardDeviationfBodyBodyGyroJerkMag-mean()fBodyBodyGyroJerkMagnitudeMinusMeanFrequencyfBodyBodyGyroJerkMag-meanFreq()angletBodyAccelerationMeanGravityangle(tBodyAccMean,gravity)angletBodyAccelerationJerkMeanGravityMeanangle(tBodyAccJerkMean),gravityMean)angletBodyGyroMeanGravityMeanangle(tBodyGyroMean,gravityMean)angletBodyGyroJerkMeanGravityMeanangle(tBodyGyroJerkMean,gravityMean)angletBodyGyroJerkMeanGravityMeanangle(tBodyGyroJerkMean,gravityMean)angletGravityMeanangle(X,gravityMean)angletGravityMeanangle(Y,gravityMean)	fBodyAccelerationMagnitudeMinusStandardDeviation	fBodyAccMag-std()
fBodyBodyAccelerationJerkMagnitudeMinusStandardDeviationfBodyBodyAccJerkMag-std()fBodyBodyAccelerationJerkMagnitudeMinusMeanFrequencyfBodyBodyGyroMag-meanFreq()fBodyBodyGyroMagnitudeMinusMeanfBodyBodyGyroMag-mean()fBodyBodyGyroMagnitudeMinusStandardDeviationfBodyBodyGyroMag-std()fBodyBodyGyroMagnitudeMinusMeanFrequencyfBodyBodyGyroMag-meanFreq()fBodyBodyGyroJerkMagnitudeMinusMeanfBodyBodyGyroJerkMag-mean()fBodyBodyGyroJerkMagnitudeMinusStandardDeviationfBodyBodyGyroJerkMag-meanFreq()fBodyBodyGyroJerkMagnitudeMinusMeanFrequencyfBodyBodyGyroJerkMag-meanFreq()angletBodyAccelerationMeanGravityangle(tBodyAccMean,gravity)angletBodyAccelerationJerkMeanGravityMeanangle(tBodyAccelerkMean),gravityMean)angletBodyGyroMeanGravityMeanangle(tBodyGyroMean,gravityMean)angletBodyGyroJerkMeanGravityMeanangle(tBodyGyroJerkMean,gravityMean)angleXGravityMeanangle(X,gravityMean)angleYGravityMeanangle(Y,gravityMean)	fBodyAccelerationMagnitudeMinusMeanFrequency	fBodyAccMag-meanFreq()
fBodyBodyAccelerationJerkMagnitudeMinusMeanFrequency fBodyBodyGyroMagnitudeMinusMean fBodyBodyGyroMagnitudeMinusStandardDeviation fBodyBodyGyroMagnitudeMinusMeanFrequency fBodyBodyGyroMagnitudeMinusMeanFrequency fBodyBodyGyroJerkMagnitudeMinusMean fBodyBodyGyroJerkMagnitudeMinusMean fBodyBodyGyroJerkMagnitudeMinusStandardDeviation fBodyBodyGyroJerkMagnitudeMinusStandardDeviation fBodyBodyGyroJerkMagnitudeMinusStandardDeviation fBodyBodyGyroJerkMagnitudeMinusMeanFrequency fBodyBodyGyroJerkMagnitudeMinusMeanFrequency angletBodyAccelerationMeanGravity angletBodyAccelerationJerkMeanGravityMean angletBodyGyroMeanGravityMean angletBodyGyroJerkMeanGravityMean	fBodyBodyAccelerationJerkMagnitudeMinusMean	fBodyBodyAccJerkMag-mean()
fBodyBodyGyroMagnitudeMinusMeanfBodyBodyGyroMag-mean()fBodyBodyGyroMagnitudeMinusStandardDeviationfBodyBodyGyroMag-std()fBodyBodyGyroMagnitudeMinusMeanFrequencyfBodyBodyGyroMag-meanFreq()fBodyBodyGyroJerkMagnitudeMinusMeanfBodyBodyGyroJerkMag-mean()fBodyBodyGyroJerkMagnitudeMinusStandardDeviationfBodyBodyGyroJerkMag-std()fBodyBodyGyroJerkMagnitudeMinusMeanFrequencyfBodyBodyGyroJerkMag-meanFreq()angletBodyAccelerationMeanGravityangle(tBodyAccMean,gravity)angletBodyAccelerationJerkMeanGravityMeanangle(tBodyGyroMean,gravityMean)angletBodyGyroMeanGravityMeanangle(tBodyGyroJerkMean,gravityMean)angletBodyGyroJerkMeanGravityMeanangle(tBodyGyroJerkMean,gravityMean)angleXGravityMeanangle(X,gravityMean)angleYGravityMeanangle(Y,gravityMean)	fBodyBodyAccelerationJerkMagnitudeMinusStandardDeviation	fBodyBodyAccJerkMag-std()
fBodyBodyGyroMagnitudeMinusStandardDeviationfBodyBodyGyroMag-std()fBodyBodyGyroMagnitudeMinusMeanFrequencyfBodyBodyGyroMag-meanFreq()fBodyBodyGyroJerkMagnitudeMinusMeanfBodyBodyGyroJerkMag-mean()fBodyBodyGyroJerkMagnitudeMinusStandardDeviationfBodyBodyGyroJerkMag-std()fBodyBodyGyroJerkMagnitudeMinusMeanFrequencyfBodyBodyGyroJerkMag-meanFreq()angletBodyAccelerationMeanGravityangle(tBodyAccMean,gravity)angletBodyAccelerationJerkMeanGravityMeanangle(tBodyAccJerkMean),gravityMean)angletBodyGyroMeanGravityMeanangle(tBodyGyroMean,gravityMean)angletBodyGyroJerkMeanGravityMeanangle(tBodyGyroJerkMean,gravityMean)angleXGravityMeanangle(X,gravityMean)angleYGravityMeanangle(Y,gravityMean)	fBodyBodyAccelerationJerkMagnitudeMinusMeanFrequency	fBodyBodyAccJerkMag-meanFreq()
fBodyBodyGyroMagnitudeMinusMeanFrequency fBodyBodyGyroJerkMagnitudeMinusMean fBodyBodyGyroJerkMagnitudeMinusStandardDeviation fBodyBodyGyroJerkMagnitudeMinusStandardDeviation fBodyBodyGyroJerkMagnitudeMinusMeanFrequency fBodyBodyGyroJerkMagnitudeMinusMeanFrequency fBodyBodyGyroJerkMagnemanFreq() angletBodyAccelerationMeanGravity angletBodyAccelerationJerkMeanGravityMean angletBodyGyroMeanGravityMean angletBodyGyroMeanGravityMean angletBodyGyroJerkMeanGravityMean	fBodyBodyGyroMagnitudeMinusMean	fBodyBodyGyroMag-mean()
fBodyBodyGyroJerkMagnitudeMinusMean fBodyBodyGyroJerkMagnitudeMinusStandardDeviation fBodyBodyGyroJerkMagnitudeMinusMeanFrequency fBodyBodyGyroJerkMagnitudeMinusMeanFrequency fBodyBodyGyroJerkMagnitudeMinusMeanFrequency angletBodyAccelerationMeanGravity angletBodyAccelerationJerkMeanGravityMean angletBodyGyroMeanGravityMean angletBodyGyroMeanGravityMean angletBodyGyroMeanGravityMean angletBodyGyroJerkMeanGravityMean angletBodyGyroJerkMean,gravityMean) angletBodyGyroJerkMean,gravityMean angletBodyGyroJerkMean,gravityMean) angletBodyGyroJerkMeanGravityMean angletBodyGyroJerkMean,gravityMean) angletBodyGyroJerkMean,gravityMean)	fBodyBodyGyroMagnitudeMinusStandardDeviation	fBodyBodyGyroMag-std()
fBodyBodyGyroJerkMagnitudeMinusStandardDeviation fBodyBodyGyroJerkMagnitudeMinusMeanFrequency fBodyBodyGyroJerkMagnitudeMinusMeanFrequency fBodyBodyGyroJerkMagneanFreq() angletBodyAccelerationMeanGravity angletBodyAccelerationJerkMeanGravityMean angletBodyGyroMeanGravityMean angletBodyGyroMeanGravityMean angletBodyGyroJerkMeanGravityMean	fBodyBodyGyroMagnitudeMinusMeanFrequency	fBodyBodyGyroMag-meanFreq()
fBodyBodyGyroJerkMagnitudeMinusMeanFrequency angletBodyAccelerationMeanGravity angletBodyAccelerationJerkMeanGravityMean angletBodyGyroMeanGravityMean angletBodyGyroMeanGravityMean angletBodyGyroMeanGravityMean angletBodyGyroJerkMeanGravityMean angletBodyGyroJerkMeanGravityMean angletBodyGyroJerkMeanGravityMean angletBodyGyroJerkMean,gravityMean) angletGravityMean angletGravityMean angletGravityMean angletGravityMean angletGravityMean	fBodyBodyGyroJerkMagnitudeMinusMean	fBodyBodyGyroJerkMag-mean()
angletBodyAccelerationMeanGravity angletBodyAccelerationJerkMeanGravityMean angletBodyGyroMeanGravityMean angletBodyGyroMeanGravityMean angletBodyGyroJerkMeanGravityMean angletBodyGyroJerkMeanGravityMean angletBodyGyroJerkMeanGravityMean angletBodyGyroJerkMean,gravityMean) angletGravityMean angletGravityMean angletGravityMean angletGravityMean angletGravityMean	fBodyBodyGyroJerkMagnitudeMinusStandardDeviation	fBodyBodyGyroJerkMag-std()
angletBodyAccelerationJerkMeanGravityMeanangle(tBodyAccJerkMean),gravityMean)angletBodyGyroMeanGravityMeanangle(tBodyGyroMean,gravityMean)angletBodyGyroJerkMeanGravityMeanangle(tBodyGyroJerkMean,gravityMean)angleXGravityMeanangle(X,gravityMean)angleYGravityMeanangle(Y,gravityMean)	fBodyBodyGyroJerkMagnitudeMinusMeanFrequency	fBodyBodyGyroJerkMag-meanFreq()
angletBodyGyroMeanGravityMean angle(tBodyGyroMean,gravityMean) angletBodyGyroJerkMeanGravityMean angle(tBodyGyroJerkMean,gravityMean) angleXGravityMean angle(X,gravityMean) angleYGravityMean angle(Y,gravityMean)	angletBodyAccelerationMeanGravity	angle(tBodyAccMean,gravity)
angletBodyGyroJerkMeanGravityMeanangle(tBodyGyroJerkMean,gravityMean)angleXGravityMeanangle(X,gravityMean)angleYGravityMeanangle(Y,gravityMean)	angletBodyAccelerationJerkMeanGravityMean	angle(tBodyAccJerkMean),gravityMean)
angleXGravityMeanangle(X,gravityMean)angleYGravityMeanangle(Y,gravityMean)	angletBodyGyroMeanGravityMean	angle(tBodyGyroMean,gravityMean)
angleYGravityMean angle(Y,gravityMean)	angletBodyGyroJerkMeanGravityMean	angle(tBodyGyroJerkMean,gravityMean)
	angleXGravityMean	angle(X,gravityMean)
angleZGravityMean angle(Z,gravityMean)	angleYGravityMean	angle(Y,gravityMean)
	angleZGravityMean	angle(Z,gravityMean)