

Activity

Subject

tBodyAcc-mean()-X

tBodyAcc-mean()-Y

tBodyAcc-mean()-Z

tBodyAcc-std()-X

tBodyAcc-std()-Y

tBodyAcc-std()-Z

tBodyAcc-mad()-X

tBodyAcc-mad()-Y

tBodyAcc-mad()-Z

tBodyAcc-max()-X

tBodyAcc-max()-Y

tBodyAcc-max()-Z

tBodyAcc-min()-X

tBodyAcc-min()-Y

tBodyAcc-min()-Z

tBodyAcc-sma()

tBodyAcc-energy()-X

tBodyAcc-energy()-Y

tBodyAcc-energy()-Z

tBodyAcc-iqr()-X

tBodyAcc-iqr()-Y

tBodyAcc-iqr()-Z

tBodyAcc-entropy()-X

tBodyAcc-entropy()-Y

tBodyAcc-entropy()-Z

tBodyAcc-arCoeff()-X, 1

tBodyAcc-arCoeff()-X, 2

tBodyAcc-arCoeff()-X, 3

tBodyAcc-arCoeff()-X, 4

tBodyAcc-arCoeff()-Y, 1

tBodyAcc-arCoeff()-Y, 2

tBodyAcc-arCoeff()-Y, 3

tBodyAcc-arCoeff()-Y, 4

tBodyAcc-arCoeff()-Z, 1

tBodyAcc-arCoeff()-Z, 2

tBodyAcc-arCoeff()-Z, 3

tBodyAcc-arCoeff()-Z, 4

tBodyAcc-correlation()-X, Y

tBodyAcc-correlation()-X, Z

tBodyAcc-correlation()-Y, Z

tGravityAcc-mean()-X

tGravityAcc-mean()-Y

tGravityAcc-mean()-Z

tGravityAcc-std()-X

tGravityAcc-std()-Y  
tGravityAcc-std()-Z  
tGravityAcc-mad()-X  
tGravityAcc-mad()-Y  
tGravityAcc-mad()-Z  
tGravityAcc-max()-X  
tGravityAcc-max()-Y  
tGravityAcc-max()-Z  
tGravityAcc-min()-X  
tGravityAcc-min()-Y  
tGravityAcc-min()-Z  
tGravityAcc-sma()  
tGravityAcc-energy()-X  
tGravityAcc-energy()-Y  
tGravityAcc-energy()-Z  
tGravityAcc-iqr()-X  
tGravityAcc-iqr()-Y  
tGravityAcc-iqr()-Z  
tGravityAcc-entropy()-X  
tGravityAcc-entropy()-Y  
tGravityAcc-entropy()-Z  
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tGravityAcc-arCoeff()-X, 2  
tGravityAcc-arCoeff()-X, 3  
tGravityAcc-arCoeff()-X, 4  
tGravityAcc-arCoeff()-Y, 1  
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tGravityAcc-arCoeff()-Y, 3  
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tGravityAcc-arCoeff()-Z, 1  
tGravityAcc-arCoeff()-Z, 2  
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tGravityAcc-arCoeff()-Z, 4  
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tGravityAcc-correlation()-X, Z  
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tBodyAccJerk-mean()-Z  
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tBodyAccJerk-std()-Y  
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tBodyAccJerk-mad()-X  
tBodyAccJerk-mad()-Y  
tBodyAccJerk-mad()-Z  
tBodyAccJerk-max()-X

tBodyAccJerk-max()-Y  
tBodyAccJerk-max()-Z  
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tBodyAccJerk-min()-Y  
tBodyAccJerk-min()-Z  
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tBodyAccJerk-energy()-X  
tBodyAccJerk-energy()-Y  
tBodyAccJerk-energy()-Z  
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tBodyGyro-std()-Z  
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tBodyGyro-min()-X  
tBodyGyro-min()-Y  
tBodyGyro-min()-Z  
tBodyGyro-sma()

tBodyGyro-energy ()-X  
tBodyGyro-energy ()-Y  
tBodyGyro-energy ()-Z  
tBodyGyro-iqr ()-X  
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tBodyGyro-entropy ()-X  
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tBodyGyroJerk-std ()-Z  
tBodyGyroJerk-mad ()-X  
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tBodyGyroJerk-mad ()-Z  
tBodyGyroJerk-max ()-X  
tBodyGyroJerk-max ()-Y  
tBodyGyroJerk-max ()-Z  
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tBodyGyroJerk-iqr ()-Z

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tGravityAccMag-mad ()  
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fBodyAccJerk-kurtosis ()-X  
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fBodyGyro-iqr () -X  
fBodyGyro-iqr () -Y  
fBodyGyro-iqr () -Z  
fBodyGyro-entropy () -X  
fBodyGyro-entropy () -Y  
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fBodyGyro-maxInds-X  
fBodyGyro-maxInds-Y  
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fBodyGyro-kurtosis () -X  
fBodyGyro-skewness () -Y  
fBodyGyro-kurtosis () -Y

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fBodyBodyGyroJerkMag-min()  
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fBodyBodyGyroJerkMag-energy()  
fBodyBodyGyroJerkMag-iqr()  
fBodyBodyGyroJerkMag-entropy()

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fBodyBodyGyroJerkMag-maxInds
fBodyBodyGyroJerkMag-meanFreq()
fBodyBodyGyroJerkMag-skewness()
fBodyBodyGyroJerkMag-kurtosis()
angle(tBodyAccMean, gravity)
angle(tBodyAccJerkMean, gravityMean)
angle(tBodyGyroMean, gravityMean)
angle(tBodyGyroJerkMean, gravityMean)
angle(X, gravityMean)
angle(Y, gravityMean)
angle(Z, gravityMean)
```

## STANDING LAYING

ID of the volunteers

50-Hz rate data of Body Acceleration signal's mean in X direction  
50-Hz rate data of Body Acceleration signal's mean in Y direction  
50-Hz rate data of Body Acceleration signal's mean in Z direction  
50-Hz rate data of Body Acceleration signal's standard deviation in X direction  
50-Hz rate data of Body Acceleration signal's standard deviation in Y direction  
50-Hz rate data of Body Acceleration signal's standard deviation in Z direction  
50-Hz rate data of Body Acceleration signal's mad in X direction  
50-Hz rate data of Body Acceleration signal's mad in Y direction  
50-Hz rate data of Body Acceleration signal's mad in Z direction  
50-Hz rate data of Body Acceleration signal's max in X direction  
50-Hz rate data of Body Acceleration signal's max in Y direction  
50-Hz rate data of Body Acceleration signal's max in Z direction  
50-Hz rate data of Body Acceleration signal's min in X direction  
50-Hz rate data of Body Acceleration signal's min in Y direction  
50-Hz rate data of Body Acceleration signal's min in Z direction  
50-Hz rate data of Body Acceleration signal's signal magnitude area  
50-Hz rate data of Body Acceleration signal's energy in X direction  
50-Hz rate data of Body Acceleration signal's energy in Y direction  
50-Hz rate data of Body Acceleration signal's energy in Z direction  
50-Hz rate data of Body Acceleration signal's interquartile range in X direction  
50-Hz rate data of Body Acceleration signal's interquartile range in Y direction  
50-Hz rate data of Body Acceleration signal's interquartile range in Z direction  
50-Hz rate data of Body Acceleration signal's signal entropy in X direction  
50-Hz rate data of Body Acceleration signal's signal entropy in Y direction  
50-Hz rate data of Body Acceleration signal's signal entropy in Z direction  
50-Hz rate data of Body Acceleration signal's autorregresion in X direction,  
50-Hz rate data of Body Acceleration signal's autorregresion in X direction,  
50-Hz rate data of Body Acceleration signal's autorregresion in X direction,  
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50-Hz rate data of Body Acceleration signal's autorregresion in Y direction,  
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50-Hz rate data of Body Acceleration signal's autorregresion in Z direction,  
50-Hz rate data of Body Acceleration signal's autorregresion in Z direction,  
50-Hz rate data of Body Acceleration signal's correlaton in X direction,Y  
50-Hz rate data of Body Acceleration signal's correlaton in X direction,Z  
50-Hz rate data of Body Acceleration signal's correlaton in Y direction,Z  
50-Hz rate data of Gravity Acceleration signal's mean in X direction  
50-Hz rate data of Gravity Acceleration signal's mean in Y direction  
50-Hz rate data of Gravity Acceleration signal's mean in Z direction  
50-Hz rate data of Gravity Acceleration signal's standard deviation in X directio

50-Hz rate data of Gravity Acceleration signal's standard deviation in Y direction  
50-Hz rate data of Gravity Acceleration signal's standard deviation in Z direction  
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50-Hz rate data of Gravity Acceleration signal's max in X direction  
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50-Hz rate data of Gravity Acceleration signal's min in Y direction  
50-Hz rate data of Gravity Acceleration signal's min in Z direction  
50-Hz rate data of Gravity Acceleration signal's signal magnitude area  
50-Hz rate data of Gravity Acceleration signal's energy in X direction  
50-Hz rate data of Gravity Acceleration signal's energy in Y direction  
50-Hz rate data of Gravity Acceleration signal's energy in Z direction  
50-Hz rate data of Gravity Acceleration signal's interquartile range in X direction  
50-Hz rate data of Gravity Acceleration signal's interquartile range in Y direction  
50-Hz rate data of Gravity Acceleration signal's interquartile range in Z direction  
50-Hz rate data of Gravity Acceleration signal's signal entropy in X direction  
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50-Hz rate data of Gravity Acceleration signal's correlaton in Y direction,Z  
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50-Hz rate data of Body Acceleration Jerk signal's mean in Z direction  
50-Hz rate data of Body Acceleration Jerk signal's standard deviation in X direction  
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50-Hz rate data of Body Acceleration Jerk signal's correlaton in X direction,Z  
50-Hz rate data of Body Acceleration Jerk signal's correlaton in Y direction,Z  
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50-Hz rate data of BodyGyro's mean in Y direction  
50-Hz rate data of BodyGyro's mean in Z direction  
50-Hz rate data of BodyGyro's standard deviation in X direction  
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50-Hz rate data of BodyGyro's mad in X direction  
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50-Hz rate data of BodyGyro's min in Z direction  
50-Hz rate data of BodyGyro's signal magnitude area



50-Hz rate data of BodyGyro's energy in X direction  
50-Hz rate data of BodyGyro's energy in Y direction  
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50-Hz rate data of BodyGyro's interquartile range in X direction  
50-Hz rate data of BodyGyro's interquartile range in Y direction  
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50-Hz rate data of BodyGyro's signal entropy in X direction  
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50-Hz rate data of BodyGyro's correlaton in X direction, Y  
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50-Hz rate data of BodyGyroJerk's mean in X direction  
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50-Hz rate data of BodyGyroJerk's standard deviation in X direction  
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50-Hz rate data of BodyGyroJerk's energy in X direction  
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50-Hz rate data of BodyGyroJerk's interquartile range in X direction  
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50-Hz rate data of BodyGyroJerk's interquartile range in Z direction

50-Hz rate data of BodyGyroJerk's signal entropy in X direction  
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50-Hz rate data of BodyGyroJerk's correlaton in X direction,Y  
50-Hz rate data of BodyGyroJerk's correlaton in X direction,Z  
50-Hz rate data of BodyGyroJerk's correlaton in Y direction,Z  
50-Hz rate data of Body Acceleration signal in magitude's mean  
50-Hz rate data of Body Acceleration signal in magitude's standard deviation  
50-Hz rate data of Body Acceleration signal in magitude's mad  
50-Hz rate data of Body Acceleration signal in magitude's max  
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50-Hz rate data of Body Acceleration signal in magitude's signal magnitude area  
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50-Hz rate data of Gravity Acceleration signal in magitude's standard deviation  
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50-Hz rate data of Gravity Acceleration signal in magitude's autorregresion  
50-Hz rate data of Body Acceleration Jerk signal in magitude's mean  
50-Hz rate data of Body Acceleration Jerk signal in magitude's standard deviation

50-Hz rate data of Body Acceleration Jerk signal in magitude's mad  
50-Hz rate data of Body Acceleration Jerk signal in magitude's max  
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50-Hz rate data of Body Acceleration Jerk signal in magitude's signal magnitude a  
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50-Hz rate data of Body Acceleration Jerk signal in magitude's autorregresion  
50-Hz rate data of Body Acceleration Jerk signal in magitude's autorregresion  
50-Hz rate data of BodyGyroMag's mean  
50-Hz rate data of BodyGyroMag's standard deviation  
50-Hz rate data of BodyGyroMag's mad  
50-Hz rate data of BodyGyroMag's max  
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50-Hz rate data of BodyGyroMag's signal magnitude area  
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50-Hz rate data of BodyGyroMag's signal entropy  
50-Hz rate data of BodyGyroMag's autorregresion  
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50-Hz rate data of BodyGyroMag's autorregresion  
50-Hz rate data of BodyGyroJerkMag's mean  
50-Hz rate data of BodyGyroJerkMag's standard deviation  
50-Hz rate data of BodyGyroJerkMag's mad  
50-Hz rate data of BodyGyroJerkMag's max  
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50-Hz rate data of BodyGyroJerkMag's signal magnitude area  
50-Hz rate data of BodyGyroJerkMag's energy  
50-Hz rate data of BodyGyroJerkMag's interquartile range  
50-Hz rate data of BodyGyroJerkMag's signal entropy  
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50-Hz rate data of BodyGyroJerkMag's autorregresion  
Fast Fourier Transform data of Body Acceleration signal's mean in X direction  
Fast Fourier Transform data of Body Acceleration signal's mean in Y direction  
Fast Fourier Transform data of Body Acceleration signal's mean in Z direction  
Fast Fourier Transform data of Body Acceleration signal's standard deviation in X  
Fast Fourier Transform data of Body Acceleration signal's standard deviation in Y  
Fast Fourier Transform data of Body Acceleration signal's standard deviation in Z  
Fast Fourier Transform data of Body Acceleration signal's mad in X direction  
Fast Fourier Transform data of Body Acceleration signal's mad in Y direction  
Fast Fourier Transform data of Body Acceleration signal's mad in Z direction

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Fast Fourier Transform data of Body Acceleration Jerk signal's bandsEnergy-5,  
Fast Fourier Transform data of Body Acceleration Jerk signal's bandsEnergy-, 0  
Fast Fourier Transform data of Body Acceleration Jerk signal's bandsEnergy-,  
Fast Fourier Transform data of Body Acceleration Jerk signal's bandsEnergy-, 5  
Fast Fourier Transform data of Body Acceleration Jerk signal's bandsEnergy-5,  
Fast Fourier Transform data of Body Acceleration Jerk signal's bandsEnergy-,  
Fast Fourier Transform data of Body Acceleration Jerk signal's bandsEnergy-,  
Fast Fourier Transform data of Body Acceleration Jerk signal's bandsEnergy-,  
Fast Fourier Transform data of Body Acceleration Jerk signal's bandsEnergy-,  
Fast Fourier Transform data of Body Acceleration Jerk signal's bandsEnergy-5,  
Fast Fourier Transform data of BodyGyro's mean in X direction  
Fast Fourier Transform data of BodyGyro's mean in Y direction  
Fast Fourier Transform data of BodyGyro's mean in Z direction  
Fast Fourier Transform data of BodyGyro's standard deviation in X direction  
Fast Fourier Transform data of BodyGyro's standard deviation in Y direction  
Fast Fourier Transform data of BodyGyro's standard deviation in Z direction  
Fast Fourier Transform data of BodyGyro's mad in X direction  
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Fast Fourier Transform data of BodyGyro's max in X direction  
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Fast Fourier Transform data of BodyGyro's min in X direction  
Fast Fourier Transform data of BodyGyro's min in Y direction  
Fast Fourier Transform data of BodyGyro's min in Z direction  
Fast Fourier Transform data of BodyGyro's signal magnitude area  
Fast Fourier Transform data of BodyGyro's energy in X direction  
Fast Fourier Transform data of BodyGyro's energy in Y direction  
Fast Fourier Transform data of BodyGyro's energy in Z direction  
Fast Fourier Transform data of BodyGyro's interquartile range in X direction  
Fast Fourier Transform data of BodyGyro's interquartile range in Y direction  
Fast Fourier Transform data of BodyGyro's interquartile range in Z direction  
Fast Fourier Transform data of BodyGyro's signal entropy in X direction  
Fast Fourier Transform data of BodyGyro's signal entropy in Y direction  
Fast Fourier Transform data of BodyGyro's signal entropy in Z direction  
Fast Fourier Transform data of BodyGyro's maxInds in X direction  
Fast Fourier Transform data of BodyGyro's maxInds in Y direction  
Fast Fourier Transform data of BodyGyro's maxInds in Z direction  
Fast Fourier Transform data of BodyGyro's meanFreq in X direction  
Fast Fourier Transform data of BodyGyro's meanFreq in Y direction  
Fast Fourier Transform data of BodyGyro's meanFreq in Z direction  
Fast Fourier Transform data of BodyGyro's skewness in X direction  
Fast Fourier Transform data of BodyGyro-kurtosis in X direction  
Fast Fourier Transform data of BodyGyro's skewness in Y direction  
Fast Fourier Transform data of BodyGyro-kurtosis in Y direction

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Fast Fourier Transform data of Body Acceleration signal in magitude's mad  
Fast Fourier Transform data of Body Acceleration signal in magitude's max  
Fast Fourier Transform data of Body Acceleration signal in magitude's min  
Fast Fourier Transform data of Body Acceleration signal in magitude's signal magn  
Fast Fourier Transform data of Body Acceleration signal in magitude's energy  
Fast Fourier Transform data of Body Acceleration signal in magitude's interquarti  
Fast Fourier Transform data of Body Acceleration signal in magitude's signal entr  
Fast Fourier Transform data of Body Acceleration signal in magitude's maxInds  
Fast Fourier Transform data of Body Acceleration signal in magitude's meanFreq  
Fast Fourier Transform data of Body Acceleration signal in magitude's skewness  
Fast Fourier Transform data of Body Acceleration signal in magitude-kurtosis  
Fast Fourier Transform data of BodyBody Acceleration Jerk signal in magitude's me  
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Fast Fourier Transform data of BodyBody Acceleration Jerk signal in magitude-kurt  
Fast Fourier Transform data of BodyBodyGyroMag's mean  
Fast Fourier Transform data of BodyBodyGyroMag's standard deviation  
Fast Fourier Transform data of BodyBodyGyroMag's mad  
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Fast Fourier Transform data of BodyBodyGyroMag's signal magnitude area  
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Fast Fourier Transform data of BodyBodyGyroMag-kurtosis  
Fast Fourier Transform data of BodyBodyGyroJerkMag's mean  
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Fast Fourier Transform data of BodyBodyGyroJerkMag's signal magnitude area  
Fast Fourier Transform data of BodyBodyGyroJerkMag's energy  
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Fast Fourier Transform data of BodyBodyGyroJerkMag's maxInds  
Fast Fourier Transform data of BodyBodyGyroJerkMag's meanFreq  
Fast Fourier Transform data of BodyBodyGyroJerkMag's skewness  
Fast Fourier Transform data of BodyBodyGyroJerkMag-kurtosis  
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angle(50-Hz rate data of Body Acceleration Jerk signalMean), gravityMean)  
angle(50-Hz rate data of BodyGyroMean, gravityMean)  
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