

Below is the token table of which the column names of the output file consist, which is adapted from the feature information from the original data.

Token	Description
<b>Body</b>	Signal based on the body of an experiment participant, one of two components derived from the time based signals on the phone's accelerometer
<b>f</b>	Measurement based on the frequency domain, taken as a Fast Fourier Transform of the time-based signals
<b>t</b>	Measurement based on the time domain
<b>Gravity</b>	Signal based on gravity, the force that attracts a body towards the center of the earth. Gravity is the second of the two components derived from the phone's accelerometer
<b>Gyro</b>	Measurement taken from the gyroscope on the phone
<b>Jerk</b>	Measurement of sudden movement, based on the body acceleration and angular velocity
<b>mean</b>	Mean value
<b>std</b>	Standard deviation
<b>mad</b>	Median absolute deviation
<b>max</b>	Largest value in array
<b>min</b>	Smallest value in array
<b>sma</b>	Signal magnitude area
<b>energy</b>	Energy measure. Sum of the squares divided by the number of values.
<b>iqr</b>	Interquartile range
<b>entropy</b>	Signal entropy
<b>arCoeff</b>	Auto-regression coefficients with Burg order equal to 4
<b>correlation</b>	correlation coefficient between two signals
<b>maxInds</b>	index of the frequency component with largest magnitude
<b>meanFreq</b>	Weighted average of the frequency components to obtain a mean frequency
<b>skewness</b>	skewness of the frequency domain signal
<b>kurtosis</b>	kurtosis of the frequency domain signal
<b>bandsEnergy</b>	Energy of a frequency interval within the 64 bins of the FFT of each window
<b>angle</b>	Angle between to vectors

Below is the table of column name of the output text file.

Column Name	Description
<b>personID</b>	Numeric identifier (a unique sequential number) that indicates the participant or subject of the experiment. The original research study included 30 participants, so this variable has a range of numeric values from 1 - 30. No further information beyond an id number was provided by the original reasearch team.
<b>activityName</b>	Character string describing one of six different activities that were performed by participants in the experiment, including: Laying Sitting Standing Walking Walking downstairs Walking upstairs
<b>Mean.tBodyAcc.mean...X</b>	Numeric variable measuring the mean of time domain body acceleration mean value in X dimension of the phone
<b>Mean.tBodyAcc.mean...Y</b>	Numeric variable measuring the mean of time domain body acceleration mean value in Y dimension of the phone
<b>Mean.tBodyAcc.mean...Z</b>	Numeric variable measuring the mean of time domain body acceleration mean value in Z dimension of the phone
<b>Mean.tBodyAcc.std...X</b>	Numeric variable measuring the mean of time domain body acceleration standard deviation in X dimension of the phone
<b>Mean.tBodyAcc.std...Y</b>	Numeric variable measuring the mean of time domain body acceleration standard deviation in Y dimension of the phone
<b>Mean.tBodyAcc.std...Z</b>	Numeric variable measuring the mean of time domain body acceleration standard deviation in Z dimension of the phone
<b>Mean.tBodyAcc.mad...X</b>	Numeric variable measuring the mean of time domain body acceleration median

	absolute deviation in X dimension of the phone
<b>Mean.tBodyAcc.mad...Y</b>	Numeric variable measuring the mean of time domain body acceleration median absolute deviation in Y dimension of the phone
<b>Mean.tBodyAcc.mad...Z</b>	Numeric variable measuring the mean of time domain body acceleration median absolute deviation in Z dimension of the phone
<b>Mean.tBodyAcc.max...X</b>	Numeric variable measuring the mean of time domain body acceleration largest value in X dimension of the phone
<b>Mean.tBodyAcc.max...Y</b>	Numeric variable measuring the mean of time domain body acceleration largest value in Y dimension of the phone
<b>Mean.tBodyAcc.max...Z</b>	Numeric variable measuring the mean of time domain body acceleration largest value in Z dimension of the phone
<b>Mean.tBodyAcc.min...X</b>	Numeric variable measuring the mean of time domain body acceleration smallest value in X dimension of the phone
<b>Mean.tBodyAcc.min...Y</b>	Numeric variable measuring the mean of time domain body acceleration smallest value in Y dimension of the phone
<b>Mean.tBodyAcc.min...Z</b>	Numeric variable measuring the mean of time domain body acceleration smallest value in Z dimension of the phone
<b>Mean.tBodyAcc.sma..</b>	Numeric variable measuring the mean of time domain body acceleration signal magnitude area
<b>Mean.tBodyAcc.energy...X</b>	Numeric variable measuring the mean of time domain body acceleration energy measure in X dimension of the phone
<b>Mean.tBodyAcc.energy...Y</b>	Numeric variable measuring the mean of time domain body acceleration energy measure in Y dimension of the phone
<b>Mean.tBodyAcc.energy...Z</b>	Numeric variable measuring the mean of time domain body acceleration energy measure in Z dimension of the phone
<b>Mean.tBodyAcc.iqr...X</b>	Numeric variable measuring the mean of time domain body acceleration interquartile range in X dimension of the phone

<b>Mean.tBodyAcc.iqr...Y</b>	Numeric variable measuring the mean of time domain body acceleration interquartile range in Y dimension of the phone
<b>Mean.tBodyAcc.iqr...Z</b>	Numeric variable measuring the mean of time domain body acceleration interquartile range in Z dimension of the phone
<b>Mean.tBodyAcc.entropy...X</b>	Numeric variable measuring the mean of time domain body acceleration signal entropy in X dimension of the phone
<b>Mean.tBodyAcc.entropy...Y</b>	Numeric variable measuring the mean of time domain body acceleration signal entropy in Y dimension of the phone
<b>Mean.tBodyAcc.entropy...Z</b>	Numeric variable measuring the mean of time domain body acceleration signal entropy in Z dimension of the phone
<b>Mean.tBodyAcc.arCoeff...X.1</b>	Numeric variable measuring the mean of the first autorregresion coefficients with Burg order equal to 4 of the time domain body acceleration
<b>Mean.tBodyAcc.arCoeff...X.2</b>	Numeric variable measuring the mean of the second autorregresion coefficients with Burg order equal to 4 of the time domain body acceleration in X dimension
<b>Mean.tBodyAcc.arCoeff...X.3</b>	Numeric variable measuring the mean of the third autorregresion coefficients with Burg order equal to 4 of the time domain body acceleration in X dimension
<b>Mean.tBodyAcc.arCoeff...X.4</b>	Numeric variable measuring the mean of the fourth autorregresion coefficients with Burg order equal to 4 of the time domain body acceleration in X dimension
<b>Mean.tBodyAcc.arCoeff...Y.1</b>	Numeric variable measuring the mean of the first autorregresion coefficients with Burg order equal to 4 of the time domain body acceleration in Y dimension
<b>Mean.tBodyAcc.arCoeff...Y.2</b>	Numeric variable measuring the mean of the second autorregresion coefficients with Burg order equal to 4 of the time domain body acceleration in Y dimension
<b>Mean.tBodyAcc.arCoeff...Y.3</b>	Numeric variable measuring the mean of the third autorregresion coefficients with Burg order equal to 4 of the time domain body acceleration in Y dimension

<b>Mean.tBodyAcc.arCoeff...Y.4</b>	Numeric variable measuring the mean of the fourth autorregresion coefficients with Burg order equal to 4 of the time domain body acceleration in Y dimension
<b>Mean.tBodyAcc.arCoeff...Z.1</b>	Numeric variable measuring the mean of the first autorregresion coefficients with Burg order equal to 4 of the time domain body acceleration in Z dimension
<b>Mean.tBodyAcc.arCoeff...Z.2</b>	Numeric variable measuring the mean of the second autorregresion coefficients with Burg order equal to 4 of the time domain body acceleration in Z dimension
<b>Mean.tBodyAcc.arCoeff...Z.3</b>	Numeric variable measuring the mean of the third autorregresion coefficients with Burg order equal to 4 of the time domain body acceleration in Z dimension
<b>Mean.tBodyAcc.arCoeff...Z.4</b>	Numeric variable measuring the mean of the fourth autorregresion coefficients with Burg order equal to 4 of the time domain body acceleration in Z dimension
<b>Mean.tBodyAcc.correlation...X.Y</b>	Numeric variable measuring the mean of the correlation coefficient between two signals of the time domain body acceleration in X dimension and in Y dimension
<b>Mean.tBodyAcc.correlation...X.Z</b>	Numeric variable measuring the mean of the correlation coefficient between two signals of the time domain body acceleration in X dimension and in Z dimension
<b>Mean.tBodyAcc.correlation...Y.Z</b>	Numeric variable measuring the mean of the correlation coefficient between two signals of the time domain body acceleration in Y dimension and in Z dimension
<b>Mean.tGravityAcc.mean...X</b>	Numeric variable measuring the mean of time domain gravity acceleration mean value in X dimension of the phone
<b>Mean.tGravityAcc.mean...Y</b>	Numeric variable measuring the mean of time domain gravity acceleration mean value in Y dimension of the phone
<b>Mean.tGravityAcc.mean...Z</b>	Numeric variable measuring the mean of time domain gravity acceleration mean value in Z dimension of the phone
<b>Mean.tGravityAcc.std...X</b>	Numeric variable measuring the mean of time domain gravity acceleration standard deviation in X dimension of the phone

<b>Mean.tGravityAcc.std...Y</b>	Numeric variable measuring the mean of time domain gravity acceleration standard deviation in Y dimension of the phone
<b>Mean.tGravityAcc.std...Z</b>	Numeric variable measuring the mean of time domain gravity acceleration standard deviation in Z dimension of the phone
<b>Mean.tGravityAcc.mad...X</b>	Numeric variable measuring the mean of time domain gravity acceleration median absolute deviation in X dimension of the phone
<b>Mean.tGravityAcc.mad...Y</b>	Numeric variable measuring the mean of time domain gravity acceleration median absolute deviation in Y dimension of the phone
<b>Mean.tGravityAcc.mad...Z</b>	Numeric variable measuring the mean of time domain gravity acceleration median absolute deviation in Z dimension of the phone
<b>Mean.tGravityAcc.max...X</b>	Numeric variable measuring the mean of time domain gravity acceleration largest value in X dimension of the phone
<b>Mean.tGravityAcc.max...Y</b>	Numeric variable measuring the mean of time domain gravity acceleration largest value in Y dimension of the phone
<b>Mean.tGravityAcc.max...Z</b>	Numeric variable measuring the mean of time domain gravity acceleration largest value in Z dimension of the phone
<b>Mean.tGravityAcc.min...X</b>	Numeric variable measuring the mean of time domain gravity acceleration smallest value in X dimension of the phone
<b>Mean.tGravityAcc.min...Y</b>	Numeric variable measuring the mean of time domain gravity acceleration smallest value in Y dimension of the phone
<b>Mean.tGravityAcc.min...Z</b>	Numeric variable measuring the mean of time domain gravity acceleration smallest value in Z dimension of the phone
<b>Mean.tGravityAcc.sma..</b>	Numeric variable measuring the mean of time domain gravity acceleration signal magnitude area
<b>Mean.tGravityAcc.energy...X</b>	Numeric variable measuring the mean of time domain gravity acceleration energy measure in X dimension of the phone
<b>Mean.tGravityAcc.energy...Y</b>	Numeric variable measuring the mean of time domain gravity acceleration energy

	measure in Y dimension of the phone
<b>Mean.tGravityAcc.energy...Z</b>	Numeric variable measuring the mean of time domain gravity acceleration energy measure in Z dimension of the phone
<b>Mean.tGravityAcc.iqr...X</b>	Numeric variable measuring the mean of time domain gravity acceleration interquartile range in X dimension of the phone
<b>Mean.tGravityAcc.iqr...Y</b>	Numeric variable measuring the mean of time domain gravity acceleration interquartile range in Y dimension of the phone
<b>Mean.tGravityAcc.iqr...Z</b>	Numeric variable measuring the mean of time domain gravity acceleration interquartile range in Z dimension of the phone
<b>Mean.tGravityAcc.entropy...X</b>	Numeric variable measuring the mean of time domain gravity acceleration signal entropy in X dimension of the phone
<b>Mean.tGravityAcc.entropy...Y</b>	Numeric variable measuring the mean of time domain gravity acceleration signal entropy in Y dimension of the phone
<b>Mean.tGravityAcc.entropy...Z</b>	Numeric variable measuring the mean of time domain gravity acceleration signal entropy in Z dimension of the phone
<b>Mean.tGravityAcc.arCoeff...X.1</b>	Numeric variable measuring the mean of the first autorregresion coefficients with Burg order equal to 4 of the time domain gravity acceleration
<b>Mean.tGravityAcc.arCoeff...X.2</b>	Numeric variable measuring the mean of the second autorregresion coefficients with Burg order equal to 4 of the time domain gravity acceleration in X dimension
<b>Mean.tGravityAcc.arCoeff...X.3</b>	Numeric variable measuring the mean of the third autorregresion coefficients with Burg order equal to 4 of the time domain gravity acceleration in X dimension
<b>Mean.tGravityAcc.arCoeff...X.4</b>	Numeric variable measuring the mean of the fourth autorregresion coefficients with Burg order equal to 4 of the time domain gravity acceleration in X dimension

<b>Mean.tGravityAcc.arCoeff...Y.1</b>	Numeric variable measuring the mean of the first autorregresion coefficients with Burg order equal to 4 of the time domain gravity acceleration in Y dimension
<b>Mean.tGravityAcc.arCoeff...Y.2</b>	Numeric variable measuring the mean of the second autorregresion coefficients with Burg order equal to 4 of the time domain gravity acceleration in Y dimension
<b>Mean.tGravityAcc.arCoeff...Y.3</b>	Numeric variable measuring the mean of the third autorregresion coefficients with Burg order equal to 4 of the time domain gravity acceleration in Y dimension
<b>Mean.tGravityAcc.arCoeff...Y.4</b>	Numeric variable measuring the mean of the fourth autorregresion coefficients with Burg order equal to 4 of the time domain gravity acceleration in Y dimension
<b>Mean.tGravityAcc.arCoeff...Z.1</b>	Numeric variable measuring the mean of the first autorregresion coefficients with Burg order equal to 4 of the time domain gravity acceleration in Z dimension
<b>Mean.tGravityAcc.arCoeff...Z.2</b>	Numeric variable measuring the mean of the second autorregresion coefficients with Burg order equal to 4 of the time domain gravity acceleration in Z dimension
<b>Mean.tGravityAcc.arCoeff...Z.3</b>	Numeric variable measuring the mean of the third autorregresion coefficients with Burg order equal to 4 of the time domain gravity acceleration in Z dimension
<b>Mean.tGravityAcc.arCoeff...Z.4</b>	Numeric variable measuring the mean of the fourth autorregresion coefficients with Burg order equal to 4 of the time domain gravity acceleration in Z dimension
<b>Mean.tGravityAcc.correlation...X.Y</b>	Numeric variable measuring the mean of the correlation coefficient between two signals of the time domain gravity acceleration in X dimension and in Y dimension
<b>Mean.tGravityAcc.correlation...X.Z</b>	Numeric variable measuring the mean of the correlation coefficient between two signals of the time domain gravity acceleration in X dimension and in Z dimension
<b>Mean.tGravityAcc.correlation...Y.Z</b>	Numeric variable measuring the mean of the correlation coefficient between two signals of the time domain gravity acceleration in Y dimension and in Z dimension



<b>Mean.tBodyAccJerk.mean...X</b>	Numeric variable measuring the mean of time domain jerk acceleration mean value in X dimension of the phone
<b>Mean.tBodyAccJerk.mean...Y</b>	Numeric variable measuring the mean of time domain jerk acceleration mean value in Y dimension of the phone
<b>Mean.tBodyAccJerk.mean...Z</b>	Numeric variable measuring the mean of time domain jerk acceleration mean value in Z dimension of the phone
<b>Mean.tBodyAccJerk.std...X</b>	Numeric variable measuring the mean of time domain jerk acceleration standard deviation in X dimension of the phone
<b>Mean.tBodyAccJerk.std...Y</b>	Numeric variable measuring the mean of time domain jerk acceleration standard deviation in Y dimension of the phone
<b>Mean.tBodyAccJerk.std...Z</b>	Numeric variable measuring the mean of time domain jerk acceleration standard deviation in Z dimension of the phone
<b>Mean.tBodyAccJerk.mad...X</b>	Numeric variable measuring the mean of time domain jerk acceleration median absolute deviation in X dimension of the phone
<b>Mean.tBodyAccJerk.mad...Y</b>	Numeric variable measuring the mean of time domain jerk acceleration median absolute deviation in Y dimension of the phone
<b>Mean.tBodyAccJerk.mad...Z</b>	Numeric variable measuring the mean of time domain jerk acceleration median absolute deviation in Z dimension of the phone
<b>Mean.tBodyAccJerk.max...X</b>	Numeric variable measuring the mean of time domain jerk acceleration largest value in X dimension of the phone
<b>Mean.tBodyAccJerk.max...Y</b>	Numeric variable measuring the mean of time domain jerk acceleration largest value in Y dimension of the phone
<b>Mean.tBodyAccJerk.max...Z</b>	Numeric variable measuring the mean of time domain jerk acceleration largest value in Z dimension of the phone
<b>Mean.tBodyAccJerk.min...X</b>	Numeric variable measuring the mean of time domain jerk acceleration smallest value in X dimension of the phone
<b>Mean.tBodyAccJerk.min...Y</b>	Numeric variable measuring the mean of time domain jerk acceleration smallest value

	in Y dimension of the phone
<b>Mean.tBodyAccJerk.min...Z</b>	Numeric variable measuring the mean of time domain jerk acceleration smallest value in Z dimension of the phone
<b>Mean.tBodyAccJerk.sma..</b>	Numeric variable measuring the mean of time domain jerk acceleration signal magnitude area
<b>Mean.tBodyAccJerk.energy...X</b>	Numeric variable measuring the mean of time domain jerk acceleration energy measure in X dimension of the phone
<b>Mean.tBodyAccJerk.energy...Y</b>	Numeric variable measuring the mean of time domain jerk acceleration energy measure in Y dimension of the phone
<b>Mean.tBodyAccJerk.energy...Z</b>	Numeric variable measuring the mean of time domain jerk acceleration energy measure in Z dimension of the phone
<b>Mean.tBodyAccJerk.iqr...X</b>	Numeric variable measuring the mean of time domain jerk acceleration interquartile range in X dimension of the phone
<b>Mean.tBodyAccJerk.iqr...Y</b>	Numeric variable measuring the mean of time domain jerk acceleration interquartile range in Y dimension of the phone
<b>Mean.tBodyAccJerk.iqr...Z</b>	Numeric variable measuring the mean of time domain jerk acceleration interquartile range in Z dimension of the phone
<b>Mean.tBodyAccJerk.entropy...X</b>	Numeric variable measuring the mean of time domain jerk acceleration signal entropy in X dimension of the phone
<b>Mean.tBodyAccJerk.entropy...Y</b>	Numeric variable measuring the mean of time domain jerk acceleration signal entropy in Y dimension of the phone
<b>Mean.tBodyAccJerk.entropy...Z</b>	Numeric variable measuring the mean of time domain jerk acceleration signal entropy in Z dimension of the phone
<b>Mean.tBodyAccJerk.arCoeff...X.1</b>	Numeric variable measuring the mean of the first autorregresion coefficients with Burg order equal to 4 of the time domain jerk acceleration
<b>Mean.tBodyAccJerk.arCoeff...X.2</b>	Numeric variable measuring the mean of the second autorregresion coefficients with Burg order equal to 4 of the time domain jerk acceleration in X dimension

<b>Mean.tBodyAccJerk.arCoeff...X.3</b>	Numeric variable measuring the mean of the third autorregresion coefficients with Burg order equal to 4 of the time domain jerk acceleration in X dimension
<b>Mean.tBodyAccJerk.arCoeff...X.4</b>	Numeric variable measuring the mean of the fourth autorregresion coefficients with Burg order equal to 4 of the time domain jerk acceleration in X dimension
<b>Mean.tBodyAccJerk.arCoeff...Y.1</b>	Numeric variable measuring the mean of the first autorregresion coefficients with Burg order equal to 4 of the time domain jerk acceleration in Y dimension
<b>Mean.tBodyAccJerk.arCoeff...Y.2</b>	Numeric variable measuring the mean of the second autorregresion coefficients with Burg order equal to 4 of the time domain jerk acceleration in Y dimension
<b>Mean.tBodyAccJerk.arCoeff...Y.3</b>	Numeric variable measuring the mean of the third autorregresion coefficients with Burg order equal to 4 of the time domain jerk acceleration in Y dimension
<b>Mean.tBodyAccJerk.arCoeff...Y.4</b>	Numeric variable measuring the mean of the fourth autorregresion coefficients with Burg order equal to 4 of the time domain jerk acceleration in Y dimension
<b>Mean.tBodyAccJerk.arCoeff...Z.1</b>	Numeric variable measuring the mean of the first autorregresion coefficients with Burg order equal to 4 of the time domain jerk acceleration in Z dimension
<b>Mean.tBodyAccJerk.arCoeff...Z.2</b>	Numeric variable measuring the mean of the second autorregresion coefficients with Burg order equal to 4 of the time domain jerk acceleration in Z dimension
<b>Mean.tBodyAccJerk.arCoeff...Z.3</b>	Numeric variable measuring the mean of the third autorregresion coefficients with Burg order equal to 4 of the time domain jerk acceleration in Z dimension
<b>Mean.tBodyAccJerk.arCoeff...Z.4</b>	Numeric variable measuring the mean of the fourth autorregresion coefficients with Burg order equal to 4 of the time domain jerk acceleration in Z dimension
<b>Mean.tBodyAccJerk.correlation...X.Y</b>	Numeric variable measuring the mean of the correlation coefficient between two signals of the time domain jerk acceleration in X dimension and in Y dimension

<b>Mean.tBodyAccJerk.correlation...X.Z</b>	Numeric variable measuring the mean of the correlation coefficient between two signals of the time domain jerk acceleration in X dimension and in Z dimension
<b>Mean.tBodyAccJerk.correlation...Y.Z</b>	Numeric variable measuring the mean of the correlation coefficient between two signals of the time domain jerk acceleration in Y dimension and in Z dimension
<b>Mean.tBodyGyro.mean...X</b>	Numeric variable measuring the mean of time domain gyroscope velocity mean value in X dimension of the phone
<b>Mean.tBodyGyro.mean...Y</b>	Numeric variable measuring the mean of time domain gyroscope velocity mean value in Y dimension of the phone
<b>Mean.tBodyGyro.mean...Z</b>	Numeric variable measuring the mean of time domain gyroscope velocity mean value in Z dimension of the phone
<b>Mean.tBodyGyro.std...X</b>	Numeric variable measuring the mean of time domain gyroscope velocity standard deviation in X dimension of the phone
<b>Mean.tBodyGyro.std...Y</b>	Numeric variable measuring the mean of time domain gyroscope velocity standard deviation in Y dimension of the phone
<b>Mean.tBodyGyro.std...Z</b>	Numeric variable measuring the mean of time domain gyroscope velocity standard deviation in Z dimension of the phone
<b>Mean.tBodyGyro.mad...X</b>	Numeric variable measuring the mean of time domain gyroscope velocity median absolute deviation in X dimension of the phone
<b>Mean.tBodyGyro.mad...Y</b>	Numeric variable measuring the mean of time domain gyroscope velocity median absolute deviation in Y dimension of the phone
<b>Mean.tBodyGyro.mad...Z</b>	Numeric variable measuring the mean of time domain gyroscope velocity median absolute deviation in Z dimension of the phone
<b>Mean.tBodyGyro.max...X</b>	Numeric variable measuring the mean of time domain gyroscope velocity largest value in X dimension of the phone
<b>Mean.tBodyGyro.max...Y</b>	Numeric variable measuring the mean of time domain gyroscope velocity largest value in Y dimension of the phone

<b>Mean.tBodyGyro.max...Z</b>	Numeric variable measuring the mean of time domain gyroscope velocity largest value in Z dimension of the phone
<b>Mean.tBodyGyro.min...X</b>	Numeric variable measuring the mean of time domain gyroscope velocity smallest value in X dimension of the phone
<b>Mean.tBodyGyro.min...Y</b>	Numeric variable measuring the mean of time domain gyroscope velocity smallest value in Y dimension of the phone
<b>Mean.tBodyGyro.min...Z</b>	Numeric variable measuring the mean of time domain gyroscope velocity smallest value in Z dimension of the phone
<b>Mean.tBodyGyro.sma..</b>	Numeric variable measuring the mean of time domain gyroscope velocity signal magnitude area
<b>Mean.tBodyGyro.energy...X</b>	Numeric variable measuring the mean of time domain gyroscope velocity energy measure in X dimension of the phone
<b>Mean.tBodyGyro.energy...Y</b>	Numeric variable measuring the mean of time domain gyroscope velocity energy measure in Y dimension of the phone
<b>Mean.tBodyGyro.energy...Z</b>	Numeric variable measuring the mean of time domain gyroscope velocity energy measure in Z dimension of the phone
<b>Mean.tBodyGyro.iqr...X</b>	Numeric variable measuring the mean of time domain gyroscope velocity interquartile range in X dimension of the phone
<b>Mean.tBodyGyro.iqr...Y</b>	Numeric variable measuring the mean of time domain gyroscope velocity interquartile range in Y dimension of the phone
<b>Mean.tBodyGyro.iqr...Z</b>	Numeric variable measuring the mean of time domain gyroscope velocity interquartile range in Z dimension of the phone
<b>Mean.tBodyGyro.entropy...X</b>	Numeric variable measuring the mean of time domain gyroscope velocity signal entropy in X dimension of the phone
<b>Mean.tBodyGyro.entropy...Y</b>	Numeric variable measuring the mean of time domain gyroscope velocity signal entropy in Y dimension of the phone
<b>Mean.tBodyGyro.entropy...Z</b>	Numeric variable measuring the mean of time domain gyroscope velocity signal entropy in Z dimension of the phone

<b>Mean.tBodyGyro.arCoeff...X.1</b>	Numeric variable measuring the mean of the first autorregresion coefficients with Burg order equal to 4 of the time domain gyroscope velocity
<b>Mean.tBodyGyro.arCoeff...X.2</b>	Numeric variable measuring the mean of the second autorregresion coefficients with Burg order equal to 4 of the time domain gyroscope velocity in X dimension
<b>Mean.tBodyGyro.arCoeff...X.3</b>	Numeric variable measuring the mean of the third autorregresion coefficients with Burg order equal to 4 of the time domain gyroscope velocity in X dimension
<b>Mean.tBodyGyro.arCoeff...X.4</b>	Numeric variable measuring the mean of the fourth autorregresion coefficients with Burg order equal to 4 of the time domain gyroscope velocity in X dimension
<b>Mean.tBodyGyro.arCoeff...Y.1</b>	Numeric variable measuring the mean of the first autorregresion coefficients with Burg order equal to 4 of the time domain gyroscope velocity in Y dimension
<b>Mean.tBodyGyro.arCoeff...Y.2</b>	Numeric variable measuring the mean of the second autorregresion coefficients with Burg order equal to 4 of the time domain gyroscope velocity in Y dimension
<b>Mean.tBodyGyro.arCoeff...Y.3</b>	Numeric variable measuring the mean of the third autorregresion coefficients with Burg order equal to 4 of the time domain gyroscope velocity in Y dimension
<b>Mean.tBodyGyro.arCoeff...Y.4</b>	Numeric variable measuring the mean of the fourth autorregresion coefficients with Burg order equal to 4 of the time domain gyroscope velocity in Y dimension
<b>Mean.tBodyGyro.arCoeff...Z.1</b>	Numeric variable measuring the mean of the first autorregresion coefficients with Burg order equal to 4 of the time domain gyroscope velocity in Z dimension
<b>Mean.tBodyGyro.arCoeff...Z.2</b>	Numeric variable measuring the mean of the second autorregresion coefficients with Burg order equal to 4 of the time domain gyroscope velocity in Z dimension
<b>Mean.tBodyGyro.arCoeff...Z.3</b>	Numeric variable measuring the mean of the third autorregresion coefficients with Burg order equal to 4 of the time domain gyroscope velocity in Z dimension

<b>Mean.tBodyGyro.arCoeff...Z.4</b>	Numeric variable measuring the mean of the fourth autorregresion coefficients with Burg order equal to 4 of the time domain gyroscope velocity in Z dimension
<b>Mean.tBodyGyro.correlation...X.Y</b>	Numeric variable measuring the mean of the correlation coefficient between two signals of the time domain gyroscope velocity in X dimension and in Y dimension
<b>Mean.tBodyGyro.correlation...X.Z</b>	Numeric variable measuring the mean of the correlation coefficient between two signals of the time domain gyroscope velocity in X dimension and in Z dimension
<b>Mean.tBodyGyro.correlation...Y.Z</b>	Numeric variable measuring the mean of the correlation coefficient between two signals of the time domain gyroscope velocity in Y dimension and in Z dimension
<b>Mean.tBodyGyroJerk.mean...X</b>	Numeric variable measuring the mean of time domain gyroscope jerk mean value in X dimension of the phone
<b>Mean.tBodyGyroJerk.mean...Y</b>	Numeric variable measuring the mean of time domain gyroscope jerk mean value in Y dimension of the phone
<b>Mean.tBodyGyroJerk.mean...Z</b>	Numeric variable measuring the mean of time domain gyroscope jerk mean value in Z dimension of the phone
<b>Mean.tBodyGyroJerk.std...X</b>	Numeric variable measuring the mean of time domain gyroscope jerk standard deviation in X dimension of the phone
<b>Mean.tBodyGyroJerk.std...Y</b>	Numeric variable measuring the mean of time domain gyroscope jerk standard deviation in Y dimension of the phone
<b>Mean.tBodyGyroJerk.std...Z</b>	Numeric variable measuring the mean of time domain gyroscope jerk standard deviation in Z dimension of the phone
<b>Mean.tBodyGyroJerk.mad...X</b>	Numeric variable measuring the mean of time domain gyroscope jerk median absolute deviation in X dimension of the phone
<b>Mean.tBodyGyroJerk.mad...Y</b>	Numeric variable measuring the mean of time domain gyroscope jerk median absolute deviation in Y dimension of the phone
<b>Mean.tBodyGyroJerk.mad...Z</b>	Numeric variable measuring the mean of time domain gyroscope jerk median absolute deviation in Z dimension of the phone

<b>Mean.tBodyGyroJerk.max...X</b>	Numeric variable measuring the mean of time domain gyroscope jerk largest value in X dimension of the phone
<b>Mean.tBodyGyroJerk.max...Y</b>	Numeric variable measuring the mean of time domain gyroscope jerk largest value in Y dimension of the phone
<b>Mean.tBodyGyroJerk.max...Z</b>	Numeric variable measuring the mean of time domain gyroscope jerk largest value in Z dimension of the phone
<b>Mean.tBodyGyroJerk.min...X</b>	Numeric variable measuring the mean of time domain gyroscope jerk smallest value in X dimension of the phone
<b>Mean.tBodyGyroJerk.min...Y</b>	Numeric variable measuring the mean of time domain gyroscope jerk smallest value in Y dimension of the phone
<b>Mean.tBodyGyroJerk.min...Z</b>	Numeric variable measuring the mean of time domain gyroscope jerk smallest value in Z dimension of the phone
<b>Mean.tBodyGyroJerk.sma..</b>	Numeric variable measuring the mean of time domain gyroscope jerk signal magnitude area
<b>Mean.tBodyGyroJerk.energy...X</b>	Numeric variable measuring the mean of time domain gyroscope jerk energy measure in X dimension of the phone
<b>Mean.tBodyGyroJerk.energy...Y</b>	Numeric variable measuring the mean of time domain gyroscope jerk energy measure in Y dimension of the phone
<b>Mean.tBodyGyroJerk.energy...Z</b>	Numeric variable measuring the mean of time domain gyroscope jerk energy measure in Z dimension of the phone
<b>Mean.tBodyGyroJerk.iqr...X</b>	Numeric variable measuring the mean of time domain gyroscope jerk interquartile range in X dimension of the phone
<b>Mean.tBodyGyroJerk.iqr...Y</b>	Numeric variable measuring the mean of time domain gyroscope jerk interquartile range in Y dimension of the phone
<b>Mean.tBodyGyroJerk.iqr...Z</b>	Numeric variable measuring the mean of time domain gyroscope jerk interquartile range in Z dimension of the phone
<b>Mean.tBodyGyroJerk.entropy...X</b>	Numeric variable measuring the mean of time domain gyroscope jerk signal entropy in X dimension of the phone
<b>Mean.tBodyGyroJerk.entropy...Y</b>	Numeric variable measuring the mean of time domain gyroscope jerk signal entropy in



	Y dimension of the phone
<b>Mean.tBodyGyroJerk.entropy...Z</b>	Numeric variable measuring the mean of time domain gyroscope jerk signal entropy in Z dimension of the phone
<b>Mean.tBodyGyroJerk.arCoeff...X.1</b>	Numeric variable measuring the mean of the first autorregresion coefficients with Burg order equal to 4 of the time domain gyroscope jerk
<b>Mean.tBodyGyroJerk.arCoeff...X.2</b>	Numeric variable measuring the mean of the second autorregresion coefficients with Burg order equal to 4 of the time domain gyroscope jerk in X dimension
<b>Mean.tBodyGyroJerk.arCoeff...X.3</b>	Numeric variable measuring the mean of the third autorregresion coefficients with Burg order equal to 4 of the time domain gyroscope jerk in X dimension
<b>Mean.tBodyGyroJerk.arCoeff...X.4</b>	Numeric variable measuring the mean of the fourth autorregresion coefficients with Burg order equal to 4 of the time domain gyroscope jerk in X dimension
<b>Mean.tBodyGyroJerk.arCoeff...Y.1</b>	Numeric variable measuring the mean of the first autorregresion coefficients with Burg order equal to 4 of the time domain gyroscope jerk in Y dimension
<b>Mean.tBodyGyroJerk.arCoeff...Y.2</b>	Numeric variable measuring the mean of the second autorregresion coefficients with Burg order equal to 4 of the time domain gyroscope jerk in Y dimension
<b>Mean.tBodyGyroJerk.arCoeff...Y.3</b>	Numeric variable measuring the mean of the third autorregresion coefficients with Burg order equal to 4 of the time domain gyroscope jerk in Y dimension
<b>Mean.tBodyGyroJerk.arCoeff...Y.4</b>	Numeric variable measuring the mean of the fourth autorregresion coefficients with Burg order equal to 4 of the time domain gyroscope jerk in Y dimension
<b>Mean.tBodyGyroJerk.arCoeff...Z.1</b>	Numeric variable measuring the mean of the first autorregresion coefficients with Burg order equal to 4 of the time domain gyroscope jerk in Z dimension
<b>Mean.tBodyGyroJerk.arCoeff...Z.2</b>	Numeric variable measuring the mean of the second autorregresion coefficients with Burg order equal to 4 of the time domain

	gyroscope jerk in Z dimension
<b>Mean.tBodyGyroJerk.arCoeff...Z.3</b>	Numeric variable measuring the mean of the third autorregresion coefficients with Burg order equal to 4 of the time domain gyroscope jerk in Z dimension
<b>Mean.tBodyGyroJerk.arCoeff...Z.4</b>	Numeric variable measuring the mean of the fourth autorregresion coefficients with Burg order equal to 4 of the time domain gyroscope jerk in Z dimension
<b>Mean.tBodyGyroJerk.correlation...X.Y</b>	Numeric variable measuring the mean of the correlation coefficient between two signals of the time domain gyroscope jerk in X dimension and in Y dimension
<b>Mean.tBodyGyroJerk.correlation...X.Z</b>	Numeric variable measuring the mean of the correlation coefficient between two signals of the time domain gyroscope jerk in X dimension and in Z dimension
<b>Mean.tBodyGyroJerk.correlation...Y.Z</b>	Numeric variable measuring the mean of the correlation coefficient between two signals of the time domain gyroscope jerk in Y dimension and in Z dimension
<b>Mean.tBodyAccMag.mean..</b>	Numeric variable measuring the mean of time domain body acceleration magnitude mean value
<b>Mean.tBodyAccMag.std..</b>	Numeric variable measuring the mean of time domain body acceleration magnitude standard deviation
<b>Mean.tBodyAccMag.mad..</b>	Numeric variable measuring the mean of time domain body acceleration magnitude median absolute deviation
<b>Mean.tBodyAccMag.max..</b>	Numeric variable measuring the mean of time domain body acceleration magnitude largest value
<b>Mean.tBodyAccMag.min..</b>	Numeric variable measuring the mean of time domain body acceleration magnitude smallest value
<b>Mean.tBodyAccMag.sma..</b>	Numeric variable measuring the mean of time domain body acceleration magnitude signal magnitude area
<b>Mean.tBodyAccMag.energy..</b>	Numeric variable measuring the mean of time domain body acceleration magnitude energy measure

<b>Mean.tBodyAccMag.iqr..</b>	Numeric variable measuring the mean of time domain body acceleration magnitude interquartile range
<b>Mean.tBodyAccMag.entropy..</b>	Numeric variable measuring the mean of time domain body acceleration magnitude signal entropy
<b>Mean.tBodyAccMag.arCoeff..1</b>	Numeric variable measuring the mean of time domain body acceleration magnitude of the first one of autorregresion coefficients with Burg order equal to 4
<b>Mean.tBodyAccMag.arCoeff..2</b>	Numeric variable measuring the mean of time domain body acceleration magnitude of the second one of autorregresion coefficients with Burg order equal to 4
<b>Mean.tBodyAccMag.arCoeff..3</b>	Numeric variable measuring the mean of time domain body acceleration magnitude of the third one of autorregresion coefficients with Burg order equal to 4
<b>Mean.tBodyAccMag.arCoeff..4</b>	Numeric variable measuring the mean of time domain body acceleration magnitude of the fourth one of autorregresion coefficients with Burg order equal to 4
<b>Mean.tGravityAccMag.mean..</b>	Numeric variable measuring the mean of time domain gravity acceleration magnitude mean value
<b>Mean.tGravityAccMag.std..</b>	Numeric variable measuring the mean of time domain gravity acceleration magnitude standard deviation
<b>Mean.tGravityAccMag.mad..</b>	Numeric variable measuring the mean of time domain gravity acceleration magnitude median absolute deviation
<b>Mean.tGravityAccMag.max..</b>	Numeric variable measuring the mean of time domain gravity acceleration magnitude largest value
<b>Mean.tGravityAccMag.min..</b>	Numeric variable measuring the mean of time domain gravity acceleration magnitude smallest value
<b>Mean.tGravityAccMag.sma..</b>	Numeric variable measuring the mean of time domain gravity acceleration magnitude signal magnitude area
<b>Mean.tGravityAccMag.energy..</b>	Numeric variable measuring the mean of time domain gravity acceleration magnitude energy measure

<b>Mean.tGravityAccMag.iqr..</b>	Numeric variable measuring the mean of time domain gravity acceleration magnitude interquartile range
<b>Mean.tGravityAccMag.entropy..</b>	Numeric variable measuring the mean of time domain gravity acceleration magnitude signal entropy
<b>Mean.tGravityAccMag.arCoeff..1</b>	Numeric variable measuring the mean of time domain gravity acceleration magnitude of the first one of autorregresion coefficients with Burg order equal to 4
<b>Mean.tGravityAccMag.arCoeff..2</b>	Numeric variable measuring the mean of time domain gravity acceleration magnitude of the second one of autorregresion coefficients with Burg order equal to 4
<b>Mean.tGravityAccMag.arCoeff..3</b>	Numeric variable measuring the mean of time domain gravity acceleration magnitude of the third one of autorregresion coefficients with Burg order equal to 4
<b>Mean.tGravityAccMag.arCoeff..4</b>	Numeric variable measuring the mean of time domain gravity acceleration magnitude of the fourth one of autorregresion coefficients with Burg order equal to 4
<b>Mean.tBodyAccJerkMag.mean..</b>	Numeric variable measuring the mean of time domain jerk acceleration magnitude mean value
<b>Mean.tBodyAccJerkMag.std..</b>	Numeric variable measuring the mean of time domain jerk acceleration magnitude standard deviation
<b>Mean.tBodyAccJerkMag.mad..</b>	Numeric variable measuring the mean of time domain jerk acceleration magnitude median absolute deviation
<b>Mean.tBodyAccJerkMag.max..</b>	Numeric variable measuring the mean of time domain jerk acceleration magnitude largest value
<b>Mean.tBodyAccJerkMag.min..</b>	Numeric variable measuring the mean of time domain jerk acceleration magnitude smallest value
<b>Mean.tBodyAccJerkMag.sma..</b>	Numeric variable measuring the mean of time domain jerk acceleration magnitude signal magnitude area
<b>Mean.tBodyAccJerkMag.energy..</b>	Numeric variable measuring the mean of time domain jerk acceleration magnitude energy measure

<b>Mean.tBodyAccJerkMag.iqr..</b>	Numeric variable measuring the mean of time domain jerk acceleration magnitude interquartile range
<b>Mean.tBodyAccJerkMag.entropy..</b>	Numeric variable measuring the mean of time domain jerk acceleration magnitude signal entropy
<b>Mean.tBodyAccJerkMag.arCoeff..1</b>	Numeric variable measuring the mean of time domain jerk acceleration magnitude of the first one of autorregresion coefficients with Burg order equal to 4
<b>Mean.tBodyAccJerkMag.arCoeff..2</b>	Numeric variable measuring the mean of time domain jerk acceleration magnitude of the second one of autorregresion coefficients with Burg order equal to 4
<b>Mean.tBodyAccJerkMag.arCoeff..3</b>	Numeric variable measuring the mean of time domain jerk acceleration magnitude of the third one of autorregresion coefficients with Burg order equal to 4
<b>Mean.tBodyAccJerkMag.arCoeff..4</b>	Numeric variable measuring the mean of time domain jerk acceleration magnitude of the fourth one of autorregresion coefficients with Burg order equal to 4
<b>Mean.tBodyGyroMag.mean..</b>	Numeric variable measuring the mean of time domain gyroscope velocity magnitude mean value
<b>Mean.tBodyGyroMag.std..</b>	Numeric variable measuring the mean of time domain gyroscope velocity magnitude standard deviation
<b>Mean.tBodyGyroMag.mad..</b>	Numeric variable measuring the mean of time domain gyroscope velocity magnitude median absolute deviation
<b>Mean.tBodyGyroMag.max..</b>	Numeric variable measuring the mean of time domain gyroscope velocity magnitude largest value
<b>Mean.tBodyGyroMag.min..</b>	Numeric variable measuring the mean of time domain gyroscope velocity magnitude smallest value
<b>Mean.tBodyGyroMag.sma..</b>	Numeric variable measuring the mean of time domain gyroscope velocity magnitude signal magnitude area
<b>Mean.tBodyGyroMag.energy..</b>	Numeric variable measuring the mean of time domain gyroscope velocity magnitude energy measure

<b>Mean.tBodyGyroMag.iqr..</b>	Numeric variable measuring the mean of time domain gyroscope velocity magnitude interquartile range
<b>Mean.tBodyGyroMag.entropy..</b>	Numeric variable measuring the mean of time domain gyroscope velocity magnitude signal entropy
<b>Mean.tBodyGyroMag.arCoeff..1</b>	Numeric variable measuring the mean of time domain gyroscope velocity magnitude of the first one of autorregresion coefficients with Burg order equal to 4
<b>Mean.tBodyGyroMag.arCoeff..2</b>	Numeric variable measuring the mean of time domain gyroscope velocity magnitude of the second one of autorregresion coefficients with Burg order equal to 4
<b>Mean.tBodyGyroMag.arCoeff..3</b>	Numeric variable measuring the mean of time domain gyroscope velocity magnitude of the third one of autorregresion coefficients with Burg order equal to 4
<b>Mean.tBodyGyroMag.arCoeff..4</b>	Numeric variable measuring the mean of time domain gyroscope velocity magnitude of the fourth one of autorregresion coefficients with Burg order equal to 4
<b>Mean.tBodyGyroJerkMag.mean..</b>	Numeric variable measuring the mean of time domain gyroscope jerk magnitude mean value
<b>Mean.tBodyGyroJerkMag.std..</b>	Numeric variable measuring the mean of time domain gyroscope jerk magnitude standard deviation
<b>Mean.tBodyGyroJerkMag.mad..</b>	Numeric variable measuring the mean of time domain gyroscope jerk magnitude median absolute deviation
<b>Mean.tBodyGyroJerkMag.max..</b>	Numeric variable measuring the mean of time domain gyroscope jerk magnitude largest value
<b>Mean.tBodyGyroJerkMag.min..</b>	Numeric variable measuring the mean of time domain gyroscope jerk magnitude smallest value
<b>Mean.tBodyGyroJerkMag.sma..</b>	Numeric variable measuring the mean of time domain gyroscope jerk magnitude signal magnitude area
<b>Mean.tBodyGyroJerkMag.energy..</b>	Numeric variable measuring the mean of time domain gyroscope jerk magnitude energy measure

<b>Mean.tBodyGyroJerkMag.iqr..</b>	Numeric variable measuring the mean of time domain gyroscope jerk magnitude interquartile range
<b>Mean.tBodyGyroJerkMag.entropy..</b>	Numeric variable measuring the mean of time domain gyroscope jerk magnitude signal entropy
<b>Mean.tBodyGyroJerkMag.arCoeff..1</b>	Numeric variable measuring the mean of time domain gyroscope jerk magnitude of the first one of autorregresion coefficients with Burg order equal to 4
<b>Mean.tBodyGyroJerkMag.arCoeff..2</b>	Numeric variable measuring the mean of time domain gyroscope jerk magnitude of the second one of autorregresion coefficients with Burg order equal to 4
<b>Mean.tBodyGyroJerkMag.arCoeff..3</b>	Numeric variable measuring the mean of time domain gyroscope jerk magnitude of the third one of autorregresion coefficients with Burg order equal to 4
<b>Mean.tBodyGyroJerkMag.arCoeff..4</b>	Numeric variable measuring the mean of time domain gyroscope jerk magnitude of the fourth one of autorregresion coefficients with Burg order equal to 4
<b>Mean.fBodyAcc.mean...X</b>	Numeric variable measuring the mean of frequency domain body acceleration mean value in X dimension
<b>Mean.fBodyAcc.mean...Y</b>	Numeric variable measuring the mean of frequency domain body acceleration mean value in Y dimension
<b>Mean.fBodyAcc.mean...Z</b>	Numeric variable measuring the mean of frequency domain body acceleration mean value in Z dimension
<b>Mean.fBodyAcc.std...X</b>	Numeric variable measuring the mean of frequency domain body acceleration standard deviation in X dimension
<b>Mean.fBodyAcc.std...Y</b>	Numeric variable measuring the mean of frequency domain body acceleration standard deviation in Y dimension
<b>Mean.fBodyAcc.std...Z</b>	Numeric variable measuring the mean of frequency domain body acceleration standard deviation in Z dimension
<b>Mean.fBodyAcc.mad...X</b>	Numeric variable measuring the mean of frequency domain body acceleration median absolute deviation in X dimension

<b>Mean.fBodyAcc.mad...Y</b>	Numeric variable measuring the mean of frequency domain body acceleration median absolute deviation in Y dimension
<b>Mean.fBodyAcc.mad...Z</b>	Numeric variable measuring the mean of frequency domain body acceleration median absolute deviation in Z dimension
<b>Mean.fBodyAcc.max...X</b>	Numeric variable measuring the mean of frequency domain body acceleration largest value in X dimension
<b>Mean.fBodyAcc.max...Y</b>	Numeric variable measuring the mean of frequency domain body acceleration largest value in Y dimension
<b>Mean.fBodyAcc.max...Z</b>	Numeric variable measuring the mean of frequency domain body acceleration largest value in Z dimension
<b>Mean.fBodyAcc.min...X</b>	Numeric variable measuring the mean of frequency domain body acceleration smallest value in X dimension
<b>Mean.fBodyAcc.min...Y</b>	Numeric variable measuring the mean of frequency domain body acceleration smallest value in Y dimension
<b>Mean.fBodyAcc.min...Z</b>	Numeric variable measuring the mean of frequency domain body acceleration smallest value in Z dimension
<b>Mean.fBodyAcc.sma..</b>	Numeric variable measuring the mean of frequency domain body acceleration signal magnitude area
<b>Mean.fBodyAcc.energy...X</b>	Numeric variable measuring the mean of frequency domain body acceleration energy measure in X dimension
<b>Mean.fBodyAcc.energy...Y</b>	Numeric variable measuring the mean of frequency domain body acceleration energy measure in Y dimension
<b>Mean.fBodyAcc.energy...Z</b>	Numeric variable measuring the mean of frequency domain body acceleration energy measure in Z dimension
<b>Mean.fBodyAcc.iqr...X</b>	Numeric variable measuring the mean of frequency domain body acceleration interquartile range in X dimension
<b>Mean.fBodyAcc.iqr...Y</b>	Numeric variable measuring the mean of frequency domain body acceleration interquartile range in Y dimension
<b>Mean.fBodyAcc.iqr...Z</b>	Numeric variable measuring the mean of frequency domain body acceleration



	interquartile range in Z dimension
<b>Mean.fBodyAcc.entropy...X</b>	Numeric variable measuring the mean of frequency domain body acceleration signal entropy in X dimension
<b>Mean.fBodyAcc.entropy...Y</b>	Numeric variable measuring the mean of frequency domain body acceleration signal entropy in Y dimension
<b>Mean.fBodyAcc.entropy...Z</b>	Numeric variable measuring the mean of frequency domain body acceleration signal entropy in Z dimension
<b>Mean.fBodyAcc.maxInds.X</b>	Numeric variable measuring the mean of index of the frequency component with largest magnitude of frequency domain body acceleration in X dimension
<b>Mean.fBodyAcc.maxInds.Y</b>	Numeric variable measuring the mean of index of the frequency component with largest magnitude of frequency domain body acceleration in Y dimension
<b>Mean.fBodyAcc.maxInds.Z</b>	Numeric variable measuring the mean of index of the frequency component with largest magnitude of frequency domain body acceleration in Z dimension
<b>Mean.fBodyAcc.meanFreq...X</b>	Numeric variable measuring the mean of index of weighted average of the frequency components of frequency domain body acceleration in X dimension
<b>Mean.fBodyAcc.meanFreq...Y</b>	Numeric variable measuring the mean of index of weighted average of the frequency components of frequency domain body acceleration in Y dimension
<b>Mean.fBodyAcc.meanFreq...Z</b>	Numeric variable measuring the mean of index of weighted average of the frequency components of frequency domain body acceleration in Z dimension
<b>Mean.fBodyAcc.skewness...X</b>	Numeric variable measuring the mean of frequency domain body acceleration skewness in X dimension
<b>Mean.fBodyAcc.kurtosis...X</b>	Numeric variable measuring the mean of frequency domain body acceleration kurtosis in X dimension
<b>Mean.fBodyAcc.skewness...Y</b>	Numeric variable measuring the mean of frequency domain body acceleration skewness in Y dimension

<b>Mean.fBodyAcc.kurtosis...Y</b>	Numeric variable measuring the mean of frequency domain body acceleration kurtosis in Y dimension
<b>Mean.fBodyAcc.skewness...Z</b>	Numeric variable measuring the mean of frequency domain body acceleration skewness in Z dimension
<b>Mean.fBodyAcc.kurtosis...Z</b>	Numeric variable measuring the mean of frequency domain body acceleration kurtosis in Z dimension
<b>Mean.fBodyAcc.bandsEnergy...1.8</b>	Numeric variable measuring the mean of energy of a frequency interval between the 1st and 8th bins of one FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...9.16</b>	Numeric variable measuring the mean of energy of a frequency interval between the 9th and 16th bins of one FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...17.24</b>	Numeric variable measuring the mean of energy of a frequency interval between the 17th and 24th bins of one FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...25.32</b>	Numeric variable measuring the mean of energy of a frequency interval between the 25th and 32th bins of one FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...33.40</b>	Numeric variable measuring the mean of energy of a frequency interval between 33th and 40th bins of one FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...41.48</b>	Numeric variable measuring the mean of energy of a frequency interval between 41th and 48th bins of one FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...49.56</b>	Numeric variable measuring the mean of energy of a frequency interval between 49th and 56th bins of one FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...57.64</b>	Numeric variable measuring the mean of energy of a frequency interval between 57th and 64th bins of one FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...1.16</b>	Numeric variable measuring the mean of energy of a frequency interval between 1st and 16th bins of one FFT window of

	frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...17.32</b>	Numeric variable measuring the mean of energy of a frequency interval between 17th and 32th bins of one FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...33.48</b>	Numeric variable measuring the mean of energy of a frequency interval between 33th and 48th bins of one FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...49.64</b>	Numeric variable measuring the mean of energy of a frequency interval between 49th and 64th bins of one FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...1.24</b>	Numeric variable measuring the mean of energy of a frequency interval between 1st and 24th bins of one FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...25.48</b>	Numeric variable measuring the mean of energy of a frequency interval between 25th and 48th bins of one FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...1.8.1</b>	Numeric variable measuring the mean of energy of a frequency interval between the 1st and 8th bins of another FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...9.16.1</b>	Numeric variable measuring the mean of energy of a frequency interval between the 9th and 16th bins of another FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...17.24.1</b>	Numeric variable measuring the mean of energy of a frequency interval between the 17th and 24th bins of another FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...25.32.1</b>	Numeric variable measuring the mean of energy of a frequency interval between the 25th and 32th bins of another FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...33.40.1</b>	Numeric variable measuring the mean of energy of a frequency interval between 33th and 40th bins of another FFT window of frequency domain body acceleration

<b>Mean.fBodyAcc.bandsEnergy...41.48.1</b>	Numeric variable measuring the mean of energy of a frequency interval between 41th and 48th bins of another FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...49.56.1</b>	Numeric variable measuring the mean of energy of a frequency interval between 49th and 56th bins of another FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...57.64.1</b>	Numeric variable measuring the mean of energy of a frequency interval between 57th and 64th bins of another FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...1.16.1</b>	Numeric variable measuring the mean of energy of a frequency interval between 1st and 16th bins of another FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...17.32.1</b>	Numeric variable measuring the mean of energy of a frequency interval between 17th and 32th bins of another FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...33.48.1</b>	Numeric variable measuring the mean of energy of a frequency interval between 33th and 48th bins of another FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...49.64.1</b>	Numeric variable measuring the mean of energy of a frequency interval between 49th and 64th bins of another FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...1.24.1</b>	Numeric variable measuring the mean of energy of a frequency interval between 1st and 24th bins of another FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...25.48.1</b>	Numeric variable measuring the mean of energy of a frequency interval between 25th and 48th bins of another FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...1.8.2</b>	Numeric variable measuring the mean of energy of a frequency interval between the 1st and 8th bins of another FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...9.16.2</b>	Numeric variable measuring the mean of energy of a frequency interval between the 9th and 16th bins of another FFT window of frequency domain body acceleration

<b>Mean.fBodyAcc.bandsEnergy...17.24.2</b>	Numeric variable measuring the mean of energy of a frequency interval between the 17th and 24th bins of another FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...25.32.2</b>	Numeric variable measuring the mean of energy of a frequency interval between the 25th and 32th bins of another FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...33.40.2</b>	Numeric variable measuring the mean of energy of a frequency interval between 33th and 40th bins of another FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...41.48.2</b>	Numeric variable measuring the mean of energy of a frequency interval between 41th and 48th bins of another FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...49.56.2</b>	Numeric variable measuring the mean of energy of a frequency interval between 49th and 56th bins of another FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...57.64.2</b>	Numeric variable measuring the mean of energy of a frequency interval between 57th and 64th bins of another FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...1.16.2</b>	Numeric variable measuring the mean of energy of a frequency interval between 1st and 16th bins of another FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...17.32.2</b>	Numeric variable measuring the mean of energy of a frequency interval between 17th and 32th bins of another FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...33.48.2</b>	Numeric variable measuring the mean of energy of a frequency interval between 33th and 48th bins of another FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...49.64.2</b>	Numeric variable measuring the mean of energy of a frequency interval between 49th and 64th bins of another FFT window of frequency domain body acceleration
<b>Mean.fBodyAcc.bandsEnergy...1.24.2</b>	Numeric variable measuring the mean of energy of a frequency interval between 1st and 24th bins of another FFT window of frequency domain body acceleration

<b>Mean.fBodyAcc.bandsEnergy...25.48.2</b>	Numeric variable measuring the mean of energy of a frequency interval between 25th and 48th bins of another FFT window of frequency domain body acceleration
<b>Mean.fBodyAccJerk.mean...X</b>	Numeric variable measuring the mean of frequency domain jerk acceleration mean value in X dimension
<b>Mean.fBodyAccJerk.mean...Y</b>	Numeric variable measuring the mean of frequency domain jerk acceleration mean value in Y dimension
<b>Mean.fBodyAccJerk.mean...Z</b>	Numeric variable measuring the mean of frequency domain jerk acceleration mean value in Z dimension
<b>Mean.fBodyAccJerk.std...X</b>	Numeric variable measuring the mean of frequency domain jerk acceleration standard deviation in X dimension
<b>Mean.fBodyAccJerk.std...Y</b>	Numeric variable measuring the mean of frequency domain jerk acceleration standard deviation in Y dimension
<b>Mean.fBodyAccJerk.std...Z</b>	Numeric variable measuring the mean of frequency domain jerk acceleration standard deviation in Z dimension
<b>Mean.fBodyAccJerk.mad...X</b>	Numeric variable measuring the mean of frequency domain jerk acceleration median absolute deviation in X dimension
<b>Mean.fBodyAccJerk.mad...Y</b>	Numeric variable measuring the mean of frequency domain jerk acceleration median absolute deviation in Y dimension
<b>Mean.fBodyAccJerk.mad...Z</b>	Numeric variable measuring the mean of frequency domain jerk acceleration median absolute deviation in Z dimension
<b>Mean.fBodyAccJerk.max...X</b>	Numeric variable measuring the mean of frequency domain jerk acceleration largest value in X dimension
<b>Mean.fBodyAccJerk.max...Y</b>	Numeric variable measuring the mean of frequency domain jerk acceleration largest value in Y dimension
<b>Mean.fBodyAccJerk.max...Z</b>	Numeric variable measuring the mean of frequency domain jerk acceleration largest value in Z dimension
<b>Mean.fBodyAccJerk.min...X</b>	Numeric variable measuring the mean of frequency domain jerk acceleration smallest value in X dimension

<b>Mean.fBodyAccJerk.min...Y</b>	Numeric variable measuring the mean of frequency domain jerk acceleration smallest value in Y dimension
<b>Mean.fBodyAccJerk.min...Z</b>	Numeric variable measuring the mean of frequency domain jerk acceleration smallest value in Z dimension
<b>Mean.fBodyAccJerk.sma..</b>	Numeric variable measuring the mean of frequency domain jerk acceleration signal magnitude area
<b>Mean.fBodyAccJerk.energy...X</b>	Numeric variable measuring the mean of frequency domain jerk acceleration energy measure in X dimension
<b>Mean.fBodyAccJerk.energy...Y</b>	Numeric variable measuring the mean of frequency domain jerk acceleration energy measure in Y dimension
<b>Mean.fBodyAccJerk.energy...Z</b>	Numeric variable measuring the mean of frequency domain jerk acceleration energy measure in Z dimension
<b>Mean.fBodyAccJerk.iqr...X</b>	Numeric variable measuring the mean of frequency domain jerk acceleration interquartile range in X dimension
<b>Mean.fBodyAccJerk.iqr...Y</b>	Numeric variable measuring the mean of frequency domain jerk acceleration interquartile range in Y dimension
<b>Mean.fBodyAccJerk.iqr...Z</b>	Numeric variable measuring the mean of frequency domain jerk acceleration interquartile range in Z dimension
<b>Mean.fBodyAccJerk.entropy...X</b>	Numeric variable measuring the mean of frequency domain jerk acceleration signal entropy in X dimension
<b>Mean.fBodyAccJerk.entropy...Y</b>	Numeric variable measuring the mean of frequency domain jerk acceleration signal entropy in Y dimension
<b>Mean.fBodyAccJerk.entropy...Z</b>	Numeric variable measuring the mean of frequency domain jerk acceleration signal entropy in Z dimension
<b>Mean.fBodyAccJerk.maxInds.X</b>	Numeric variable measuring the mean of index of the frequency component with largest magnitude of frequency domain jerk acceleration in X dimension
<b>Mean.fBodyAccJerk.maxInds.Y</b>	Numeric variable measuring the mean of index of the frequency component with largest magnitude of frequency domain jerk acceleration in Y dimension

<b>Mean.fBodyAccJerk.maxInds.Z</b>	Numeric variable measuring the mean of index of the frequency component with largest magnitude of frequency domain jerk acceleration in Z dimension
<b>Mean.fBodyAccJerk.meanFreq...X</b>	Numeric variable measuring the mean of index of weighted average of the frequency components of frequency domain jerk acceleration in X dimension
<b>Mean.fBodyAccJerk.meanFreq...Y</b>	Numeric variable measuring the mean of index of weighted average of the frequency components of frequency domain jerk acceleration in Y dimension
<b>Mean.fBodyAccJerk.meanFreq...Z</b>	Numeric variable measuring the mean of index of weighted average of the frequency components of frequency domain jerk acceleration in Z dimension
<b>Mean.fBodyAccJerk.skewness...X</b>	Numeric variable measuring the mean of frequency domain jerk acceleration skewness in X dimension
<b>Mean.fBodyAccJerk.kurtosis...X</b>	Numeric variable measuring the mean of frequency domain jerk acceleration kurtosis in X dimension
<b>Mean.fBodyAccJerk.skewness...Y</b>	Numeric variable measuring the mean of frequency domain jerk acceleration skewness in Y dimension
<b>Mean.fBodyAccJerk.kurtosis...Y</b>	Numeric variable measuring the mean of frequency domain jerk acceleration kurtosis in Y dimension
<b>Mean.fBodyAccJerk.skewness...Z</b>	Numeric variable measuring the mean of frequency domain jerk acceleration skewness in Z dimension
<b>Mean.fBodyAccJerk.kurtosis...Z</b>	Numeric variable measuring the mean of frequency domain jerk acceleration kurtosis in Z dimension
<b>Mean.fBodyAccJerk.bandsEnergy...1.8</b>	Numeric variable measuring the mean of energy of a frequency interval between the 1st and 8th bins of one FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...9.16</b>	Numeric variable measuring the mean of energy of a frequency interval between the 9th and 16th bins of one FFT window of frequency domain jerk acceleration



<b>Mean.fBodyAccJerk.bandsEnergy...17.24</b>	Numeric variable measuring the mean of energy of a frequency interval between the 17th and 24th bins of one FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...25.32</b>	Numeric variable measuring the mean of energy of a frequency interval between the 25th and 32th bins of one FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...33.40</b>	Numeric variable measuring the mean of energy of a frequency interval between 33th and 40th bins of one FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...41.48</b>	Numeric variable measuring the mean of energy of a frequency interval between 41th and 48th bins of one FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...49.56</b>	Numeric variable measuring the mean of energy of a frequency interval between 49th and 56th bins of one FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...57.64</b>	Numeric variable measuring the mean of energy of a frequency interval between 57th and 64th bins of one FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...1.16</b>	Numeric variable measuring the mean of energy of a frequency interval between 1st and 16th bins of one FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...17.32</b>	Numeric variable measuring the mean of energy of a frequency interval between 17th and 32th bins of one FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...33.48</b>	Numeric variable measuring the mean of energy of a frequency interval between 33th and 48th bins of one FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...49.64</b>	Numeric variable measuring the mean of energy of a frequency interval between 49th and 64th bins of one FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...1.24</b>	Numeric variable measuring the mean of energy of a frequency interval between 1st and 24th bins of one FFT window of frequency domain jerk acceleration

<b>Mean.fBodyAccJerk.bandsEnergy...25.48</b>	Numeric variable measuring the mean of energy of a frequency interval between 25th and 48th bins of one FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...1.8.1</b>	Numeric variable measuring the mean of energy of a frequency interval between the 1st and 8th bins of another FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...9.16.1</b>	Numeric variable measuring the mean of energy of a frequency interval between the 9th and 16th bins of another FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...17.24.1</b>	Numeric variable measuring the mean of energy of a frequency interval between the 17th and 24th bins of another FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...25.32.1</b>	Numeric variable measuring the mean of energy of a frequency interval between the 25th and 32th bins of another FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...33.40.1</b>	Numeric variable measuring the mean of energy of a frequency interval between 33th and 40th bins of another FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...41.48.1</b>	Numeric variable measuring the mean of energy of a frequency interval between 41th and 48th bins of another FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...49.56.1</b>	Numeric variable measuring the mean of energy of a frequency interval between 49th and 56th bins of another FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...57.64.1</b>	Numeric variable measuring the mean of energy of a frequency interval between 57th and 64th bins of another FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...1.16.1</b>	Numeric variable measuring the mean of energy of a frequency interval between 1st and 16th bins of another FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...17.32.1</b>	Numeric variable measuring the mean of energy of a frequency interval between 17th and 32th bins of another FFT window of frequency domain jerk acceleration

<b>Mean.fBodyAccJerk.bandsEnergy...33.48.1</b>	Numeric variable measuring the mean of energy of a frequency interval between 33th and 48th bins of another FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...49.64.1</b>	Numeric variable measuring the mean of energy of a frequency interval between 49th and 64th bins of another FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...1.24.1</b>	Numeric variable measuring the mean of energy of a frequency interval between 1st and 24th bins of another FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...25.48.1</b>	Numeric variable measuring the mean of energy of a frequency interval between 25th and 48th bins of another FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...1.8.2</b>	Numeric variable measuring the mean of energy of a frequency interval between the 1st and 8th bins of another FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...9.16.2</b>	Numeric variable measuring the mean of energy of a frequency interval between the 9th and 16th bins of another FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...17.24.2</b>	Numeric variable measuring the mean of energy of a frequency interval between the 17th and 24th bins of another FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...25.32.2</b>	Numeric variable measuring the mean of energy of a frequency interval between the 25th and 32th bins of another FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...33.40.2</b>	Numeric variable measuring the mean of energy of a frequency interval between 33th and 40th bins of another FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...41.48.2</b>	Numeric variable measuring the mean of energy of a frequency interval between 41th and 48th bins of another FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...49.56.2</b>	Numeric variable measuring the mean of energy of a frequency interval between 49th and 56th bins of another FFT window of frequency domain jerk acceleration

<b>Mean.fBodyAccJerk.bandsEnergy...57.64.2</b>	Numeric variable measuring the mean of energy of a frequency interval between 57th and 64th bins of another FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...1.16.2</b>	Numeric variable measuring the mean of energy of a frequency interval between 1st and 16th bins of another FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...17.32.2</b>	Numeric variable measuring the mean of energy of a frequency interval between 17th and 32th bins of another FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...33.48.2</b>	Numeric variable measuring the mean of energy of a frequency interval between 33th and 48th bins of another FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...49.64.2</b>	Numeric variable measuring the mean of energy of a frequency interval between 49th and 64th bins of another FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...1.24.2</b>	Numeric variable measuring the mean of energy of a frequency interval between 1st and 24th bins of another FFT window of frequency domain jerk acceleration
<b>Mean.fBodyAccJerk.bandsEnergy...25.48.2</b>	Numeric variable measuring the mean of energy of a frequency interval between 25th and 48th bins of another FFT window of frequency domain jerk acceleration
<b>Mean.fBodyGyro.mean...X</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity mean value in X dimension
<b>Mean.fBodyGyro.mean...Y</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity mean value in Y dimension
<b>Mean.fBodyGyro.mean...Z</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity mean value in Z dimension
<b>Mean.fBodyGyro.std...X</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity standard deviation in X dimension
<b>Mean.fBodyGyro.std...Y</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity standard deviation in Y dimension

<b>Mean.fBodyGyro.std...Z</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity standard deviation in Z dimension
<b>Mean.fBodyGyro.mad...X</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity median absolute deviation in X dimension
<b>Mean.fBodyGyro.mad...Y</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity median absolute deviation in Y dimension
<b>Mean.fBodyGyro.mad...Z</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity median absolute deviation in Z dimension
<b>Mean.fBodyGyro.max...X</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity largest value in X dimension
<b>Mean.fBodyGyro.max...Y</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity largest value in Y dimension
<b>Mean.fBodyGyro.max...Z</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity largest value in Z dimension
<b>Mean.fBodyGyro.min...X</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity smallest value in X dimension
<b>Mean.fBodyGyro.min...Y</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity smallest value in Y dimension
<b>Mean.fBodyGyro.min...Z</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity smallest value in Z dimension
<b>Mean.fBodyGyro.sma..</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity signal magnitude area
<b>Mean.fBodyGyro.energy...X</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity energy measure in X dimension
<b>Mean.fBodyGyro.energy...Y</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity energy measure in Y dimension
<b>Mean.fBodyGyro.energy...Z</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity energy measure in Z dimension
<b>Mean.fBodyGyro.iqr...X</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity

	interquartile range in X dimension
<b>Mean.fBodyGyro.iqr...Y</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity interquartile range in Y dimension
<b>Mean.fBodyGyro.iqr...Z</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity interquartile range in Z dimension
<b>Mean.fBodyGyro.entropy...X</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity signal entropy in X dimension
<b>Mean.fBodyGyro.entropy...Y</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity signal entropy in Y dimension
<b>Mean.fBodyGyro.entropy...Z</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity signal entropy in Z dimension
<b>Mean.fBodyGyro.maxInds.X</b>	Numeric variable measuring the mean of index of the frequency component with largest magnitude of frequency domain gyroscope velocity in X dimension
<b>Mean.fBodyGyro.maxInds.Y</b>	Numeric variable measuring the mean of index of the frequency component with largest magnitude of frequency domain gyroscope velocity in Y dimension
<b>Mean.fBodyGyro.maxInds.Z</b>	Numeric variable measuring the mean of index of the frequency component with largest magnitude of frequency domain gyroscope velocity in Z dimension
<b>Mean.fBodyGyro.meanFreq...X</b>	Numeric variable measuring the mean of index of weighted average of the frequency components of frequency domain gyroscope velocity in X dimension
<b>Mean.fBodyGyro.meanFreq...Y</b>	Numeric variable measuring the mean of index of weighted average of the frequency components of frequency domain gyroscope velocity in Y dimension
<b>Mean.fBodyGyro.meanFreq...Z</b>	Numeric variable measuring the mean of index of weighted average of the frequency components of frequency domain gyroscope velocity in Z dimension
<b>Mean.fBodyGyro.skewness...X</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity skewness in X dimension

<b>Mean.fBodyGyro.kurtosis...X</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity kurtosis in X dimension
<b>Mean.fBodyGyro.skewness...Y</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity skewness in Y dimension
<b>Mean.fBodyGyro.kurtosis...Y</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity kurtosis in Y dimension
<b>Mean.fBodyGyro.skewness...Z</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity skewness in Z dimension
<b>Mean.fBodyGyro.kurtosis...Z</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity kurtosis in Z dimension
<b>Mean.fBodyGyro.bandsEnergy...1.8</b>	Numeric variable measuring the mean of energy of a frequency interval between the 1st and 8th bins of one FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...9.16</b>	Numeric variable measuring the mean of energy of a frequency interval between the 9th and 16th bins of one FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...17.24</b>	Numeric variable measuring the mean of energy of a frequency interval between the 17th and 24th bins of one FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...25.32</b>	Numeric variable measuring the mean of energy of a frequency interval between the 25th and 32th bins of one FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...33.40</b>	Numeric variable measuring the mean of energy of a frequency interval between 33th and 40th bins of one FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...41.48</b>	Numeric variable measuring the mean of energy of a frequency interval between 41th and 48th bins of one FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...49.56</b>	Numeric variable measuring the mean of energy of a frequency interval between 49th and 56th bins of one FFT window of frequency domain gyroscope velocity

<b>Mean.fBodyGyro.bandsEnergy...57.64</b>	Numeric variable measuring the mean of energy of a frequency interval between 57th and 64th bins of one FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...1.16</b>	Numeric variable measuring the mean of energy of a frequency interval between 1st and 16th bins of one FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...17.32</b>	Numeric variable measuring the mean of energy of a frequency interval between 17th and 32th bins of one FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...33.48</b>	Numeric variable measuring the mean of energy of a frequency interval between 33th and 48th bins of one FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...49.64</b>	Numeric variable measuring the mean of energy of a frequency interval between 49th and 64th bins of one FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...1.24</b>	Numeric variable measuring the mean of energy of a frequency interval between 1st and 24th bins of one FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...25.48</b>	Numeric variable measuring the mean of energy of a frequency interval between 25th and 48th bins of one FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...1.8.1</b>	Numeric variable measuring the mean of energy of a frequency interval between the 1st and 8th bins of another FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...9.16.1</b>	Numeric variable measuring the mean of energy of a frequency interval between the 9th and 16th bins of another FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...17.24.1</b>	Numeric variable measuring the mean of energy of a frequency interval between the 17th and 24th bins of another FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...25.32.1</b>	Numeric variable measuring the mean of energy of a frequency interval between the 25th and 32th bins of another FFT window of frequency domain gyroscope velocity



<b>Mean.fBodyGyro.bandsEnergy...33.40.1</b>	Numeric variable measuring the mean of energy of a frequency interval between 33th and 40th bins of another FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...41.48.1</b>	Numeric variable measuring the mean of energy of a frequency interval between 41th and 48th bins of another FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...49.56.1</b>	Numeric variable measuring the mean of energy of a frequency interval between 49th and 56th bins of another FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...57.64.1</b>	Numeric variable measuring the mean of energy of a frequency interval between 57th and 64th bins of another FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...1.16.1</b>	Numeric variable measuring the mean of energy of a frequency interval between 1st and 16th bins of another FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...17.32.1</b>	Numeric variable measuring the mean of energy of a frequency interval between 17th and 32th bins of another FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...33.48.1</b>	Numeric variable measuring the mean of energy of a frequency interval between 33th and 48th bins of another FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...49.64.1</b>	Numeric variable measuring the mean of energy of a frequency interval between 49th and 64th bins of another FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...1.24.1</b>	Numeric variable measuring the mean of energy of a frequency interval between 1st and 24th bins of another FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...25.48.1</b>	Numeric variable measuring the mean of energy of a frequency interval between 25th and 48th bins of another FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...1.8.2</b>	Numeric variable measuring the mean of energy of a frequency interval between the 1st and 8th bins of another FFT window of frequency domain gyroscope velocity

<b>Mean.fBodyGyro.bandsEnergy...9.16.2</b>	Numeric variable measuring the mean of energy of a frequency interval between the 9th and 16th bins of another FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...17.24.2</b>	Numeric variable measuring the mean of energy of a frequency interval between the 17th and 24th bins of another FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...25.32.2</b>	Numeric variable measuring the mean of energy of a frequency interval between the 25th and 32th bins of another FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...33.40.2</b>	Numeric variable measuring the mean of energy of a frequency interval between 33th and 40th bins of another FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...41.48.2</b>	Numeric variable measuring the mean of energy of a frequency interval between 41th and 48th bins of another FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...49.56.2</b>	Numeric variable measuring the mean of energy of a frequency interval between 49th and 56th bins of another FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...57.64.2</b>	Numeric variable measuring the mean of energy of a frequency interval between 57th and 64th bins of another FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...1.16.2</b>	Numeric variable measuring the mean of energy of a frequency interval between 1st and 16th bins of another FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...17.32.2</b>	Numeric variable measuring the mean of energy of a frequency interval between 17th and 32th bins of another FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...33.48.2</b>	Numeric variable measuring the mean of energy of a frequency interval between 33th and 48th bins of another FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...49.64.2</b>	Numeric variable measuring the mean of energy of a frequency interval between 49th and 64th bins of another FFT window of frequency domain gyroscope velocity

<b>Mean.fBodyGyro.bandsEnergy...1.24.2</b>	Numeric variable measuring the mean of energy of a frequency interval between 1st and 24th bins of another FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyGyro.bandsEnergy...25.48.2</b>	Numeric variable measuring the mean of energy of a frequency interval between 25th and 48th bins of another FFT window of frequency domain gyroscope velocity
<b>Mean.fBodyAccMag.mean..</b>	Numeric variable measuring the mean of frequency domain body acceleration magnitude mean value
<b>Mean.fBodyAccMag.std..</b>	Numeric variable measuring the mean of frequency domain body acceleration magnitude standard deviation
<b>Mean.fBodyAccMag.mad..</b>	Numeric variable measuring the mean of frequency domain body acceleration magnitude median absolute deviation
<b>Mean.fBodyAccMag.max..</b>	Numeric variable measuring the mean of frequency domain body acceleration magnitude largest value
<b>Mean.fBodyAccMag.min..</b>	Numeric variable measuring the mean of frequency domain body acceleration magnitude smallest value
<b>Mean.fBodyAccMag.sma..</b>	Numeric variable measuring the mean of frequency domain body acceleration magnitude signal magnitude area
<b>Mean.fBodyAccMag.energy..</b>	Numeric variable measuring the mean of frequency domain body acceleration magnitude energy measure
<b>Mean.fBodyAccMag.iqr..</b>	Numeric variable measuring the mean of frequency domain body acceleration magnitude interquartile range
<b>Mean.fBodyAccMag.entropy..</b>	Numeric variable measuring the mean of frequency domain body acceleration magnitude signal entropy
<b>Mean.fBodyAccMag.maxInds</b>	Numeric variable measuring the mean of the index of the frequency component with largest magnitude of frequency domain body acceleration magnitude
<b>Mean.fBodyAccMag.meanFreq..</b>	Numeric variable measuring the mean of weighted average of the frequency components of frequency domain body acceleration magnitude

<b>Mean.fBodyAccMag.skewness..</b>	Numeric variable measuring the mean of frequency domain body acceleration magnitude skewness
<b>Mean.fBodyAccMag.kurtosis..</b>	Numeric variable measuring the mean of frequency domain body acceleration magnitude kurtosis
<b>Mean.fBodyBodyAccJerkMag.mean..</b>	Numeric variable measuring the mean of frequency domain jerk acceleration magnitude mean value
<b>Mean.fBodyBodyAccJerkMag.std..</b>	Numeric variable measuring the mean of frequency domain jerk acceleration magnitude standard deviation
<b>Mean.fBodyBodyAccJerkMag.mad..</b>	Numeric variable measuring the mean of frequency domain jerk acceleration magnitude median absolute deviation
<b>Mean.fBodyBodyAccJerkMag.max..</b>	Numeric variable measuring the mean of frequency domain jerk acceleration magnitude largest value
<b>Mean.fBodyBodyAccJerkMag.min..</b>	Numeric variable measuring the mean of frequency domain jerk acceleration magnitude smallest value
<b>Mean.fBodyBodyAccJerkMag.sma..</b>	Numeric variable measuring the mean of frequency domain jerk acceleration magnitude signal magnitude area
<b>Mean.fBodyBodyAccJerkMag.energy..</b>	Numeric variable measuring the mean of frequency domain jerk acceleration magnitude energy measure
<b>Mean.fBodyBodyAccJerkMag.iqr..</b>	Numeric variable measuring the mean of frequency domain jerk acceleration magnitude interquartile range
<b>Mean.fBodyBodyAccJerkMag.entropy..</b>	Numeric variable measuring the mean of frequency domain jerk acceleration magnitude signal entrophy
<b>Mean.fBodyBodyAccJerkMag.maxInds</b>	Numeric variable measuring the mean of the index of the frequency component with largest magnitude of frequency domain jerk acceleration magnitude
<b>Mean.fBodyBodyAccJerkMag.meanFreq..</b>	Numeric variable measuring the mean of weighted average of the frequency components of frequency domain jerk acceleration magnitude
<b>Mean.fBodyBodyAccJerkMag.skewness..</b>	Numeric variable measuring the mean of frequency domain jerk acceleration magnitude skewness

<b>Mean.fBodyBodyAccJerkMag.kurtosis..</b>	Numeric variable measuring the mean of frequency domain jerk acceleration magnitude kurtosis
<b>Mean.fBodyBodyGyroMag.mean..</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity magnitude mean value
<b>Mean.fBodyBodyGyroMag.std..</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity magnitude standard deviation
<b>Mean.fBodyBodyGyroMag.mad..</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity magnitude median absolute deviation
<b>Mean.fBodyBodyGyroMag.max..</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity magnitude largest value
<b>Mean.fBodyBodyGyroMag.min..</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity magnitude smallest value
<b>Mean.fBodyBodyGyroMag.sma..</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity magnitude signal magnitude area
<b>Mean.fBodyBodyGyroMag.energy..</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity magnitude energy measure
<b>Mean.fBodyBodyGyroMag.iqr..</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity magnitude interquartile range
<b>Mean.fBodyBodyGyroMag.entropy..</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity magnitude signal entropy
<b>Mean.fBodyBodyGyroMag.maxInds</b>	Numeric variable measuring the mean of the index of the frequency component with largest magnitude of frequency domain gyroscope velocity magnitude
<b>Mean.fBodyBodyGyroMag.meanFreq..</b>	Numeric variable measuring the mean of weighted average of the frequency components of frequency domain gyroscope velocity magnitude
<b>Mean.fBodyBodyGyroMag.skewness..</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity magnitude skewness
<b>Mean.fBodyBodyGyroMag.kurtosis..</b>	Numeric variable measuring the mean of frequency domain gyroscope velocity magnitude kurtosis

<b>Mean.fBodyBodyGyroJerkMag.mean..</b>	Numeric variable measuring the mean of frequency domain gyroscope jerk magnitude mean value
<b>Mean.fBodyBodyGyroJerkMag.std..</b>	Numeric variable measuring the mean of frequency domain gyroscope jerk magnitude standard deviation
<b>Mean.fBodyBodyGyroJerkMag.mad..</b>	Numeric variable measuring the mean of frequency domain gyroscope jerk magnitude median absolute deviation
<b>Mean.fBodyBodyGyroJerkMag.max..</b>	Numeric variable measuring the mean of frequency domain gyroscope jerk magnitude largest value
<b>Mean.fBodyBodyGyroJerkMag.min..</b>	Numeric variable measuring the mean of frequency domain gyroscope jerk magnitude smallest value
<b>Mean.fBodyBodyGyroJerkMag.sma..</b>	Numeric variable measuring the mean of frequency domain gyroscope jerk magnitude signal magnitude area
<b>Mean.fBodyBodyGyroJerkMag.energy..</b>	Numeric variable measuring the mean of frequency domain gyroscope jerk magnitude energy measure
<b>Mean.fBodyBodyGyroJerkMag.iqr..</b>	Numeric variable measuring the mean of frequency domain gyroscope jerk magnitude interquartile range
<b>Mean.fBodyBodyGyroJerkMag.entropy..</b>	Numeric variable measuring the mean of frequency domain gyroscope jerk magnitude signal entropy
<b>Mean.fBodyBodyGyroJerkMag.maxInds</b>	Numeric variable measuring the mean of the index of the frequency component with largest magnitude of frequency domain gyroscope jerk magnitude
<b>Mean.fBodyBodyGyroJerkMag.meanFreq..</b>	Numeric variable measuring the mean of weighted average of the frequency components of frequency domain gyroscope jerk magnitude
<b>Mean.fBodyBodyGyroJerkMag.skewness..</b>	Numeric variable measuring the mean of frequency domain gyroscope jerk magnitude skewness
<b>Mean.fBodyBodyGyroJerkMag.kurtosis..</b>	Numeric variable measuring the mean of frequency domain gyroscope jerk magnitude kurtosis
<b>Mean.angle.tBodyAccMean.gravity.</b>	Numeric variable measuring the mean of angle between mean body acceleration vector and gravity vector

<b>Mean.angle.tBodyAccJerkMean..gravityMean.</b>	Numeric variable measuring the mean of angle between mean jerk acceleration vector and mean gravity vector
<b>Mean.angle.tBodyGyroMean.gravityMean.</b>	Numeric variable measuring the mean of angle between mean gyroscope velocity vector and mean gravity vector
<b>Mean.angle.tBodyGyroJerkMean.gravityMean.</b>	Numeric variable measuring the mean of angle between mean gyroscope jerk vector and mean gravity vector
<b>Mean.angle.X.gravityMean.</b>	Numeric variable measuring the mean of angle between mean X axis and mean gravity vector
<b>Mean.angle.Y.gravityMean.</b>	Numeric variable measuring the mean of angle between mean Y axis and mean gravity vector
<b>Mean.angle.Z.gravityMean.</b>	Numeric variable measuring the mean of angle between mean Z axis and mean gravity vector