

Human Activity Recognition Data Set

subject

Subject ID

activity

Activity ID

1: walking

2: walking_upstairs

3: walking_downstairs

4: sitting

5: standing

6: layingtbodyacc_mean_x

tBodyAcc_mean_Y

Body acceleration X value mean in time domain

tBodyAcc_mean_Y

Body acceleration Y value mean in time domain

tBodyAcc_mean_Z

Body acceleration Z value mean in time domain

tBodyAcc_std_X

Body acceleration X value standard deviation in time domain

tBodyAcc_std_Y

Body acceleration Y value standard deviation in time domain

tBodyAcc_std_Z

Body acceleration Z value standard deviation in time domain

tGravityAcc_mean_X

Gravity acceleration X value mean in time domain

tGravityAcc_mean_Y

Gravity acceleration Y value mean in time domain

tGravityAcc_mean_Z

Gravity acceleration Z value mean in time domain

tGravityAcc_std_X

Gravity acceleration X value mean in time domain

tGravityAcc_std_Y

Gravity acceleration Y value mean in time domain

tGravityAcc_std_Z

Gravity acceleration Z value mean in time domain

tBodyAccJerk_mean_X

Body acceleration X value mean in time domain – jerky movement

tBodyAccJerk_mean_Y

Body acceleration Y value mean in time domain – jerky movement

tBodyAccJerk_mean_Z

Body acceleration Z value mean in time domain – jerky movement

tBodyAccJerk_std_X

Body acceleration X value standard deviation in time domain – jerky movement

tBodyAccJerk_std_Y

Body acceleration Y value standard deviation in time domain – jerky movement

tBodyAccJerk_std_Z

Body acceleration Z value standard deviation in time domain – jerky movement

tBodyGyro_mean_X

Body gyroscope X value mean in time domain

tBodyGyro_mean_Y

Body gyroscope Y value mean in time domain

tBodyGyro_mean_Z

Body gyroscope Z value mean in time domain

tBodyGyro_std_X

Body gyroscope X value standard deviation in time domain

tBodyGyro_std_Y

Body gyroscope Y value standard deviation in time domain

tBodyGyro_std_Z

Body gyroscope Z value standard deviation in time domain

tBodyGyroJerk_mean_X

Body gyroscope X value mean in time domain – jerky movement

tBodyGyroJerk_mean_Y

Body gyroscope Y value mean in time domain – jerky movement

tBodyGyroJerk_mean_Z

Body gyroscope Z value mean in time domain – jerky movement

tBodyGyroJerk_std_X

Body gyroscope X value standard deviation in time domain – jerky movement

tBodyGyroJerk_std_Y

Body gyroscope Y value standard deviation in time domain – jerky movement

tBodyGyroJerk_std_Z

Body gyroscope Z value standard deviation in time domain – jerky movement

tBodyAccMag_mean

Body acceleration magnitude mean in time domain

tBodyAccMag_std

Body acceleration magnitude standard deviation in time domain

tGravityAccMag_mean

Gravity acceleration magnitude mean in time domain

tGravityAccMag_std

Gravity acceleration magnitude standard deviation in time domain

tBodyAccJerkMag_mean

Body acceleration magnitude mean in time domain – jerky movement

tBodyAccJerkMag_std

Body acceleration magnitude standard deviation in time domain – jerky movement

tBodyGyroMag_mean

Body gyroscope magnitude standard deviation in time domain

tBodyGyroMag_std

Body gyroscope magnitude mean in time domain

tBodyGyroJerkMag_mean

Body gyroscope magnitude mean in time domain – jerky movement

tBodyGyroJerkMag_std

Body gyroscope magnitude standard deviation in time domain – jerky movement

fBodyAcc_mean_X

Body acceleration X value mean in frequency domain

fBodyAcc_mean_Y

Body acceleration Y value mean in frequency domain

fBodyAcc_mean_Z

Body acceleration Z value mean in frequency domain

fBodyAcc_std_X

Body acceleration X value standard deviation in frequency domain

fBodyAcc_std_Y

Body acceleration Y value standard deviation in frequency domain

fBodyAcc_std_Z

Body acceleration Z value standard deviation in frequency domain

fBodyAcc_meanFreq_X

Body acceleration X value mean in frequency domain

fBodyAcc_meanFreq_Y

Body acceleration Y value mean in frequency domain

fBodyAcc_meanFreq_Z

Body acceleration Z value mean in frequency domain

fBodyAccJerk_mean_X

Body acceleration X value mean in frequency domain – jerky movement

fBodyAccJerk_mean_Y

Body acceleration Y value mean in frequency domain – jerky movement

fBodyAccJerk_mean_Z

Body acceleration Z value mean in frequency domain – jerky movement

fBodyAccJerk_std_X

Body acceleration X value standard deviation in frequency domain – jerky movement

fBodyAccJerk_std_Y

Body acceleration Y value standard deviation in frequency domain – jerky movement

fBodyAccJerk_std_Z

Body acceleration Z value standard deviation in frequency domain – jerky movement

fBodyAccJerk_meanFreq_X

Body acceleration X value mean in frequency domain – jerky movement

fBodyAccJerk_meanFreq_Y

Body acceleration Y value mean in frequency domain – jerky movement

fBodyAccJerk_meanFreq_Z

Body acceleration Z value mean in frequency domain – jerky movement

fBodyGyro_mean_X

Body gyroscope X value mean in frequency domain

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Body gyroscope Y value mean in frequency domain

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Body gyroscope X value standard deviation in frequency domain

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Body gyroscope Z value standard deviation in frequency domain

fBodyGyro_meanFreq_X

Body gyroscope X value mean in frequency domain

fBodyGyro_meanFreq_Y

Body gyroscope Y value mean in frequency domain

fBodyGyro_meanFreq_Z

Body gyroscope Z value mean in frequency domain

fBodyAccMag_mean

Body acceleration magnitude mean in frequency domain

fBodyAccMag_std

Body acceleration magnitude standard deviation in frequency domain

fBodyAccMag_meanFreq

Body acceleration magnitude mean in frequency domain