

CodeBook for Activity Tracker Data Set

1 SubjectID

Subject identifier for the participants in the study

Number: range from 1..30

2 ActivityID

Activity Indicator for the activity being tracked in the study

Number: range from 1..6

Values:

1 WALKING

2 WALKING_UPSTAIRS

3 WALKING_DOWNSTAIRS

4 SITTING

5 STANDING

6 LAYING

3 ActivityLabel

Decoded label for the activity being tracked in the study.

Character:

Values:

1 WALKING

2 WALKING_UPSTAIRS

3 WALKING_DOWNSTAIRS

4 SITTING

5 STANDING

6 LAYING

Various measures being tracked. Note: Only mean and standard deviation measures in the data set.

Number: All values are Numeric. NA where not found.

Train.tBodyAcc-mean()-X

Train.tBodyAcc-mean()-Y

Train.tBodyAcc-mean()-Z

Train.tBodyAcc-std()-X

Train.tBodyAcc-std()-Y

Train.tBodyAcc-std()-Z

Train.tGravityAcc-mean()-X

Train.tGravityAcc-mean()-Y

Train.tGravityAcc-mean()-Z

Train.tGravityAcc-std()-X

Train.tGravityAcc-std()-Y

Train.tGravityAcc-std()-Z

Train.tBodyAccJerk-mean()-X

Train.tBodyAccJerk-mean()-Y

Train.tBodyAccJerk-mean()-Z

Train.tBodyAccJerk-std()-X

Train.tBodyAccJerk-std()-Y
Train.tBodyAccJerk-std()-Z
Train.tBodyGyro-mean()-X
Train.tBodyGyro-mean()-Y
Train.tBodyGyro-mean()-Z
Train.tBodyGyro-std()-X
Train.tBodyGyro-std()-Y
Train.tBodyGyro-std()-Z
Train.tBodyGyroJerk-mean()-X
Train.tBodyGyroJerk-mean()-Y
Train.tBodyGyroJerk-mean()-Z
Train.tBodyGyroJerk-std()-X
Train.tBodyGyroJerk-std()-Y
Train.tBodyGyroJerk-std()-Z
Train.tBodyAccMag-mean()
Train.tBodyAccMag-std()
Train.tGravityAccMag-mean()
Train.tGravityAccMag-std()
Train.tBodyAccJerkMag-mean()
Train.tBodyAccJerkMag-std()
Train.tBodyGyroMag-mean()
Train.tBodyGyroMag-std()
Train.tBodyGyroJerkMag-mean()
Train.tBodyGyroJerkMag-std()
Train.fBodyAcc-mean()-X
Train.fBodyAcc-mean()-Y
Train.fBodyAcc-mean()-Z
Train.fBodyAcc-std()-X
Train.fBodyAcc-std()-Y
Train.fBodyAcc-std()-Z
Train.fBodyAcc-meanFreq()-X
Train.fBodyAcc-meanFreq()-Y
Train.fBodyAcc-meanFreq()-Z
Train.fBodyAccJerk-mean()-X
Train.fBodyAccJerk-mean()-Y
Train.fBodyAccJerk-mean()-Z
Train.fBodyAccJerk-std()-X
Train.fBodyAccJerk-std()-Y
Train.fBodyAccJerk-std()-Z
Train.fBodyAccJerk-meanFreq()-X
Train.fBodyAccJerk-meanFreq()-Y
Train.fBodyAccJerk-meanFreq()-Z
Train.fBodyGyro-mean()-X
Train.fBodyGyro-mean()-Y
Train.fBodyGyro-mean()-Z
Train.fBodyGyro-std()-X
Train.fBodyGyro-std()-Y

Train.fBodyGyro-std()-Z
Train.fBodyGyro-meanFreq()-X
Train.fBodyGyro-meanFreq()-Y
Train.fBodyGyro-meanFreq()-Z
Train.fBodyAccMag-mean()
Train.fBodyAccMag-std()
Train.fBodyAccMag-meanFreq()
Train.fBodyBodyAccJerkMag-mean()
Train.fBodyBodyAccJerkMag-std()
Train.fBodyBodyAccJerkMag-meanFreq()
Train.fBodyBodyGyroMag-mean()
Train.fBodyBodyGyroMag-std()
Train.fBodyBodyGyroMag-meanFreq()
Train.fBodyBodyGyroJerkMag-mean()
Train.fBodyBodyGyroJerkMag-std()
Train.fBodyBodyGyroJerkMag-meanFreq()
Test.tBodyAcc-mean()-X
Test.tBodyAcc-mean()-Y
Test.tBodyAcc-mean()-Z
Test.tBodyAcc-std()-X
Test.tBodyAcc-std()-Y
Test.tBodyAcc-std()-Z
Test.tGravityAcc-mean()-X
Test.tGravityAcc-mean()-Y
Test.tGravityAcc-mean()-Z
Test.tGravityAcc-std()-X
Test.tGravityAcc-std()-Y
Test.tGravityAcc-std()-Z
Test.tBodyAccJerk-mean()-X
Test.tBodyAccJerk-mean()-Y
Test.tBodyAccJerk-mean()-Z
Test.tBodyAccJerk-std()-X
Test.tBodyAccJerk-std()-Y
Test.tBodyAccJerk-std()-Z
Test.tBodyGyro-mean()-X
Test.tBodyGyro-mean()-Y
Test.tBodyGyro-mean()-Z
Test.tBodyGyro-std()-X
Test.tBodyGyro-std()-Y
Test.tBodyGyro-std()-Z
Test.tBodyGyroJerk-mean()-X
Test.tBodyGyroJerk-mean()-Y
Test.tBodyGyroJerk-mean()-Z
Test.tBodyGyroJerk-std()-X
Test.tBodyGyroJerk-std()-Y
Test.tBodyGyroJerk-std()-Z
Test.tBodyAccMag-mean()

Test.tBodyAccMag-std()
Test.tGravityAccMag-mean()
Test.tGravityAccMag-std()
Test.tBodyAccJerkMag-mean()
Test.tBodyAccJerkMag-std()
Test.tBodyGyroMag-mean()
Test.tBodyGyroMag-std()
Test.tBodyGyroJerkMag-mean()
Test.tBodyGyroJerkMag-std()
Test.fBodyAcc-mean()-X
Test.fBodyAcc-mean()-Y
Test.fBodyAcc-mean()-Z
Test.fBodyAcc-std()-X
Test.fBodyAcc-std()-Y
Test.fBodyAcc-std()-Z
Test.fBodyAcc-meanFreq()-X
Test.fBodyAcc-meanFreq()-Y
Test.fBodyAcc-meanFreq()-Z
Test.fBodyAccJerk-mean()-X
Test.fBodyAccJerk-mean()-Y
Test.fBodyAccJerk-mean()-Z
Test.fBodyAccJerk-std()-X
Test.fBodyAccJerk-std()-Y
Test.fBodyAccJerk-std()-Z
Test.fBodyAccJerk-meanFreq()-X
Test.fBodyAccJerk-meanFreq()-Y
Test.fBodyAccJerk-meanFreq()-Z
Test.fBodyGyro-mean()-X
Test.fBodyGyro-mean()-Y
Test.fBodyGyro-mean()-Z
Test.fBodyGyro-std()-X
Test.fBodyGyro-std()-Y
Test.fBodyGyro-std()-Z
Test.fBodyGyro-meanFreq()-X
Test.fBodyGyro-meanFreq()-Y
Test.fBodyGyro-meanFreq()-Z
Test.fBodyAccMag-mean()
Test.fBodyAccMag-std()
Test.fBodyAccMag-meanFreq()
Test.fBodyBodyAccJerkMag-mean()
Test.fBodyBodyAccJerkMag-std()
Test.fBodyBodyAccJerkMag-meanFreq()
Test.fBodyBodyGyroMag-mean()
Test.fBodyBodyGyroMag-std()
Test.fBodyBodyGyroMag-meanFreq()
Test.fBodyBodyGyroJerkMag-mean()
Test.fBodyBodyGyroJerkMag-std()

Test.fBodyBodyGyroJerkMag-meanFreq()