

## Data Dictionary – 2015 UCI HAR Dataset

180 observations of 68 variables:

### Group.1

Activities

WALKING  
WALKING\_UPSTAIRS  
WALKING\_DOWNSTAIRS  
SITTING  
STANDING  
LAYING

### Group.2 1

Identifier of each subject  
1:6

### tBodyAcc.mean...X

mean value of time domain signal for Body acceleration on X  
numeric

### tBodyAcc.mean...Y

mean value of time domain signal for Body acceleration on Y  
numeric

### tBodyAcc.mean...Z

mean value of time domain signal for Body acceleration on Z  
numeric

### tGravityAcc.mean...X

mean value of time domain signal for Gravity acceleration on X  
numeric

### tGravityAcc.mean...Y

mean value of time domain signal for Gravity acceleration on Y  
numeric

### tGravityAcc.mean...Z

mean value of time domain signal for Gravity acceleration on Z  
numeric

### tBodyAccJerk.mean...X

mean value of Jerk signals on X from body linear acceleration derived in time.  
numeric

### tBodyAccJerk.mean...Y

mean value of Jerk signals on Y from body linear acceleration derived in time.  
numeric

### tBodyAccJerk.mean...Z

mean value of Jerk signals on Z from body linear acceleration derived in time.  
numeric

tBodyGyro.mean...X  
mean value of time domain signal for angular velocity on X  
numeric

tBodyGyro.mean...Y  
mean value of time domain signal for angular velocity on Y  
numeric

tBodyGyro.mean...Z  
mean value of time domain signal for angular velocity on Z  
numeric

tBodyGyroJerk.mean...X  
mean value of Jerk signals on X from body linear angular velocity derived in time.  
numeric

tBodyGyroJerk.mean...Y  
mean value of Jerk signals on Y from body linear angular velocity derived in time.  
numeric

tBodyGyroJerk.mean...Z  
mean value of Jerk signals on Z from body linear angular velocity derived in time.  
numeric

tBodyAccMag.mean..  
mean value of time domain signal for Body acceleration magnitude  
numeric

tGravityAccMag.mean..  
mean value of time domain signal for Gravity acceleration magnitude  
numeric

tBodyAccJerkMag.mean..  
mean value of Jerk signals on Y from body linear acceleration magnitude derived in  
time.

tBodyGyroMag.mean..  
mean value of time domain signal for angular velocity magnitude  
numeric

tBodyGyroJerkMag.mean..  
mean value of Jerk signals for angular velocity magnitude derived in time.

fBodyAcc.mean...X  
mean value of frequency domain signal for Body acceleration on X  
numeric

fBodyAcc.mean...Y  
mean value of frequency domain signal for Body acceleration on Y  
numeric

fBodyAcc.mean...Z  
mean value of frequency domain signal for Body acceleration on Z  
numeric

fBodyAccJerk.mean...X

fBodyAccJerk.mean...Y

BodyAccJerk.mean...Z

fBodyGyro.mean...X

fBodyGyro.mean...Y

fBodyGyro.mean...Z

fBodyAccMag.mean..

fBodyBodyAccJerkMag.mean..

fBodyBodyGyroMag.mean..

fBodyBodyGyroJerkMag.mean..

tBodyAcc.std...X  
standard deviation value of time domain signal for Body acceleration on X  
numeric

tBodyAcc.std...Y  
standard deviation value of time domain signal for Body acceleration on Y  
numeric

tBodyAcc.std...Z  
standard deviation value of time domain signal for Body acceleration on Z  
numeric

tGravityAcc.std...X

tGravityAcc.std...Y

tGravityAcc.std...Z

tBodyAccJerk.std...X

tBodyAccJerk.std...Y

tBodyAccJerk.std...Z

tBodyGyro.std...X

tBodyGyro.std...Y

tBodyGyro.std...Z

tBodyGyroJerk.std...X

tBodyGyroJerk.std...Y

tBodyGyroJerk.std...Z

tBodyAccMag.std..

tGravityAccMag.std..

[53] tBodyAccJerkMag.std..

tBodyGyroMag.std..

tBodyGyroJerkMag.std..

fBodyAcc.std...X

fBodyAcc.std...Y

fBodyAcc.std...Z

fBodyAccJerk.std...X

fBodyAccJerk.std...Y

fBodyAccJerk.std...Z

fBodyGyro.std...X

fBodyGyro.std...Y

fBodyGyro.std...Z

fBodyAccMag.std..

fBodyBodyAccJerkMag.std..

fBodyBodyGyroMag.std..

fBodyBodyGyroJerkMag.std..