Variable Number	Abbreviated Variable Name	Variable Description	Variable Type	Variable Range/Levels
1	subjectID	The participant identification number. There were 30 participants.	integer category	Range: 1 to 30
2	activity	The activities the participants performed while being measured. There were 6 activities.	text category	Levels: LAYING SITTING STANDING WALKING WALKING_DOWNSTAIRS WALKING_UPSTAIRS
3	tBodyAcc-mean()-X	The mean of the body acceleration signal for the X axis. This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
4	tBodyAcc-mean()-Y	The mean of the body acceleration signal for the Y axis. This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
5	tBodyAcc-mean()-Z	The mean of the body acceleration signal for the Z axis. This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
6	tBodyAcc-std()-X	The standard deviation of the body acceleration signal for the X axis. This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
7	tBodyAcc-std()-Y	The standard deviation of the body acceleration signal for the Y axis. This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
8	tBodyAcc-std()-Z	The standard deviation of the body acceleration signal for the Z axis. This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
9	tGravityAcc-mean()-X	The mean of the gravity acceleration signal for the X axis. This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
10	tGravityAcc-mean()-Y	The mean of the gravity acceleration signal for the Y axis. This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
11	tGravityAcc-mean()-Z	The mean of the gravity acceleration signal for the Z axis. This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
12	tGravityAcc-std()-X	The standard deviation of the gravity acceleration signal for the X axis. This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
13	tGravityAcc-std()-Y	The standard deviation of the gravity acceleration signal for the Y axis. This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
14	tGravityAcc-std()-Z	The standard deviation of the gravity acceleration signal for the Z axis. This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
15	tBodyAccJerk-mean()-X	The mean of the body acceleration jerk signal for the X axis. This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
16	tBodyAccJerk-mean()-Y	The mean of the body acceleration jerk signal for the Y axis. This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
17	tBodyAccJerk-mean()-Z	The mean of the body acceleration jerk signal for the Z axis. This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
18	tBodyAccJerk-std()-X	The standard deviation of the body acceleration jerk signal for the X axis. This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
19	tBodyAccJerk-std()-Y	The standard deviation of the body acceleration jerk signal for the Y axis. This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1

20	tBodyAccJerk-std()-Z	The standard deviation of the body acceleration jerk signal for the Z axis. This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
21	tBodyGyro-mean()-X	The mean of the body gyroscopic signal for the X axis. This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
22	tBodyGyro-mean()-Y	The mean of the body gyroscopic signal for the Y axis. This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
23	tBodyGyro-mean()-Z	The mean of the body gyroscopic signal for the Z axis. This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
24	tBodyGyro-std()-X	The standard deviation of the body gyroscopic signal for the X axis. This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
25	tBodyGyro-std()-Y	The standard deviation of the body gyroscopic signal for the Y axis. This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
26	tBodyGyro-std()-Z	The standard deviation of the body gyroscopic signal for the Z axis. This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
27	tBodyGyroJerk-mean()-X	The mean of the body gyroscopic jerk signal for the X axis. This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
28	tBodyGyroJerk-mean()-Y	The mean of the body gyroscopic jerk signal for the Y axis. This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
29	tBodyGyroJerk-mean()-Z	The mean of the body gyroscopic jerk signal for the Z axis. This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
30	tBodyGyroJerk-std()-X	The standard deviation of the body gyroscopic jerk signal for the X axis. This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
31	tBodyGyroJerk-std()-Y	The standard deviation of the body gyroscopic jerk signal for the Y axis. This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
32	tBodyGyroJerk-std()-Z	The standard deviation of the body gyroscopic jerk signal for the Z axis. This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
33	tBodyAccMag-mean()	The mean of the body acceleration magnitude signal . This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
34	tBodyAccMag-std()	The standard deviation of the body acceleration magnitude signal . This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
35	tGravityAccMag-mean()	The mean of the gravity acceleration magnitude signal . This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
36	tGravityAccMag-std()	The standard deviation of the gravity acceleration magnitude signal . This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
37	tBodyAccJerkMag-mean()	The mean of the body acceleration jerk magnitude signal . This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
38	tBodyAccJerkMag-std()	The standard deviation of the body acceleration jerk magnitude signal . This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
39	tBodyGyroMag-mean()	The mean of the body gyroscopic magnitude signal . This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
40	tBodyGyroMag-std()	The standard deviation of the body gyroscopic magnitude signal . This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
41	tBodyGyroJerkMag-mean()	The mean of the body gyroscopic jerk magnitude signal . This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
42	tBodyGyroJerkMag-std()	The standard deviation of the body gyroscopic jerk magnitude signal . This variable did not undergo a Fast Fourier Transform.	real number	Range: -1 to +1
43	fBodyAcc-mean()-X	The mean of the body acceleration signal for the X axis. This variable underwent a Fast Fourier Transform.	real number	Range: -1 to +1
44	fBodyAcc-mean()-Y	The mean of the body acceleration signal for the Y axis. This variable underwent a Fast Fourier Transform.	real number	Range: -1 to +1

45	fBodyAcc-mean()-Z	The mean of the body acceleration signal for the Z axis. This variable underwent a Fast Fourier Transform.	real number	Range: -1 to +1
46	fBodyAcc-std()-X	The standard deviation of the body acceleration signal for the X axis. This variable underwent a Fast Fourier Transform.	real number	Range: -1 to +1
47	fBodyAcc-std()-Y	The standard deviation of the body acceleration signal for the Y axis. This variable underwent a Fast Fourier Transform.	real number	Range: -1 to +1
48	fBodyAcc-std()-Z	The standard deviation of the body acceleration signal for the Z axis. This variable underwent a Fast Fourier Transform.	real number	Range: -1 to +1
49	fBodyAccJerk-mean()-X	The mean of the body acceleration jerk signal for the X axis. This variable underwent a Fast Fourier Transform.	real number	Range: -1 to +1
50	fBodyAccJerk-mean()-Y	The mean of the body acceleration jerk signal for the Y axis. This variable underwent a Fast Fourier Transform.	real number	Range: -1 to +1
51	fBodyAccJerk-mean()-Z	The mean of the body acceleration jerk signal for the Z axis. This variable underwent a Fast Fourier Transform.	real number	Range: -1 to +1
52	fBodyAccJerk-std()-X	The standard deviation of the body acceleration jerk signal for the X axis. This variable underwent a Fast Fourier Transform.	real number	Range: -1 to +1
53	fBodyAccJerk-std()-Y	The standard deviation of the body acceleration jerk signal for the Y axis. This variable underwent a Fast Fourier Transform.	real number	Range: -1 to +1
54	fBodyAccJerk-std()-Z	The standard deviation of the body acceleration jerk signal for the Z axis. This variable underwent a Fast Fourier Transform.	real number	Range: -1 to +1
55	fBodyGyro-mean()-X	The mean of the body gyroscopic signal for the X axis. This variable underwent a Fast Fourier Transform.	real number	Range: -1 to +1
56	fBodyGyro-mean()-Y	The mean of the body gyroscopic signal for the Y axis. This variable underwent a Fast Fourier Transform.	real number	Range: -1 to +1
57	fBodyGyro-mean()-Z	The mean of the body gyroscopic signal for the Z axis. This variable underwent a Fast Fourier Transform.	real number	Range: -1 to +1
58	fBodyGyro-std()-X	The standard deviation of the body gyroscopic signal for the X axis. This variable underwent a Fast Fourier Transform.	real number	Range: -1 to +1
59	fBodyGyro-std()-Y	The standard deviation of the body gyroscopic signal for the Y axis. This variable underwent a Fast Fourier Transform.	real number	Range: -1 to +1
60	fBodyGyro-std()-Z	The standard deviation of the body gyroscopic signal for the Z axis. This variable underwent a Fast Fourier Transform.	real number	Range: -1 to +1
61	fBodyAccMag-mean()	The mean of the body acceleration magnitude signal . This variable underwent a Fast Fourier Transform.	real number	Range: -1 to +1
62	fBodyAccMag-std()	The standard deviation of the body acceleration magnitude signal . This variable underwent a Fast Fourier Transform.	real number	Range: -1 to +1
63	fBodyBodyAccJerkMag-mean()	The mean of the body acceleration jerk magnitude signal . This variable underwent a Fast Fourier Transform.	real number	Range: -1 to +1
64	fBodyBodyAccJerkMag-std()	The standard deviation of the body acceleration jerk magnitude signal . This variable underwent a Fast Fourier Transform.	real number	Range: -1 to +1
65	fBodyBodyGyroMag-mean()	The mean of the body gyroscopic magnitude signal . This variable underwent a Fast Fourier Transform.	real number	Range: -1 to +1
66	fBodyBodyGyroMag-std()	The standard deviation of the body gyroscopic magnitude signal . This variable underwent a Fast Fourier Transform.	real number	Range: -1 to +1
67	fBodyBodyGyroJerkMag-mean()	The mean of the body gyroscopic jerk magnitude signal . This variable underwent a Fast Fourier Transform.	real number	Range: -1 to +1
68	fBodyBodyGyroJerkMag-std()	The standard deviation of the body gyroscopic jerk magnitude signal . This variable underwent a Fast Fourier Transform.	real number	Range: -1 to +1