

## Codebook

1	Subject	subject of the experiment
		name of the activity (
		1 WALKING,
		2 WALKING_UPSTAIRS,
		3 WALKING_DOWNSTAIRS,
		4 SITTING,
		5 STANDING,
		6 LAYING )
2	Activity Name	
3	tBodyAcc-mean()-X	average of the tBodyAcc-mean()-X
4	tBodyAcc-mean()-Y	average of the tBodyAcc-mean()-Y
4	tBodyAcc-mean()-Z	average of the tBodyAcc-mean()-Z
6	tBodyAcc-std()-X	average of the tBodyAcc-std()-X
7	tBodyAcc-std()-Y	average of the tBodyAcc-std()-Y
8	tBodyAcc-std()-Z	average of the tBodyAcc-std()-Z
9	tGravityAcc-mean()-X	average of the tGravityAcc-mean()-X
10	tGravityAcc-mean()-Y	average of the tGravityAcc-mean()-Y
11	tGravityAcc-mean()-Z	average of the tGravityAcc-mean()-Z
12	tGravityAcc-std()-X	average of the tGravityAcc-std()-X
13	tGravityAcc-std()-Y	average of the tGravityAcc-std()-Y
14	tGravityAcc-std()-Z	average of the tGravityAcc-std()-Z
15	tBodyAccJerk-mean()-X	average of the tBodyAccJerk-mean()-X
16	tBodyAccJerk-mean()-Y	average of the tBodyAccJerk-mean()-Y
17	tBodyAccJerk-mean()-Z	average of the tBodyAccJerk-mean()-Z
18	tBodyAccJerk-std()-X	average of the tBodyAccJerk-std()-X
19	tBodyAccJerk-std()-Y	average of the tBodyAccJerk-std()-Y
20	tBodyAccJerk-std()-Z	average of the tBodyAccJerk-std()-Z
21	tBodyGyro-mean()-X	average of the tBodyGyro-mean()-X
22	tBodyGyro-mean()-Y	average of the tBodyGyro-mean()-Y
23	tBodyGyro-mean()-Z	average of the tBodyGyro-mean()-Z
24	tBodyGyro-std()-X	average of the tBodyGyro-std()-X
25	tBodyGyro-std()-Y	average of the tBodyGyro-std()-Y
26	tBodyGyro-std()-Z	average of the tBodyGyro-std()-Z
27	tBodyGyroJerk-mean()-X	average of the tBodyGyroJerk-mean()-X
28	tBodyGyroJerk-mean()-Y	average of the tBodyGyroJerk-mean()-Y
29	tBodyGyroJerk-mean()-Z	average of the tBodyGyroJerk-mean()-Z
30	tBodyGyroJerk-std()-X	average of the tBodyGyroJerk-std()-X
31	tBodyGyroJerk-std()-Y	average of the tBodyGyroJerk-std()-Y
32	tBodyGyroJerk-std()-Z	average of the tBodyGyroJerk-std()-Z
33	tBodyAccMag-mean()	average of the tBodyAccMag-mean()
34	tBodyAccMag-std()	average of the tBodyAccMag-std()
35	tGravityAccMag-mean()	average of the tGravityAccMag-mean()
36	tGravityAccMag-std()	average of the tGravityAccMag-std()
37	tBodyAccJerkMag-mean()	average of the tBodyAccJerkMag-mean()
38	tBodyAccJerkMag-std()	average of the tBodyAccJerkMag-std()
39	tBodyGyroMag-mean()	average of the tBodyGyroMag-mean()
40	tBodyGyroMag-std()	average of the tBodyGyroMag-std()
41	tBodyGyroJerkMag-mean()	average of the tBodyGyroJerkMag-mean()
42	tBodyGyroJerkMag-std()	average of the tBodyGyroJerkMag-std()
43	fBodyAcc-mean()-X	average of the fBodyAcc-mean()-X
44	fBodyAcc-mean()-Y	average of the fBodyAcc-mean()-Y
45	fBodyAcc-mean()-Z	average of the fBodyAcc-mean()-Z
46	fBodyAcc-std()-X	average of the fBodyAcc-std()-X

47	fBodyAcc-std()-Y	average of the fBodyAcc-std()-Y
48	fBodyAcc-std()-Z	average of the fBodyAcc-std()-Z
49	fBodyAcc-meanFreq()-X	average of the fBodyAcc-meanFreq()-X
50	fBodyAcc-meanFreq()-Y	average of the fBodyAcc-meanFreq()-Y
51	fBodyAcc-meanFreq()-Z	average of the fBodyAcc-meanFreq()-Z
52	fBodyAccJerk-mean()-X	average of the fBodyAccJerk-mean()-X
53	fBodyAccJerk-mean()-Y	average of the fBodyAccJerk-mean()-Y
54	fBodyAccJerk-mean()-Z	average of the fBodyAccJerk-mean()-Z
55	fBodyAccJerk-std()-X	average of the fBodyAccJerk-std()-X
56	fBodyAccJerk-std()-Y	average of the fBodyAccJerk-std()-Y
57	fBodyAccJerk-std()-Z	average of the fBodyAccJerk-std()-Z
58	fBodyAccJerk-meanFreq()-X	average of the fBodyAccJerk-meanFreq()-X
59	fBodyAccJerk-meanFreq()-Y	average of the fBodyAccJerk-meanFreq()-Y
60	fBodyAccJerk-meanFreq()-Z	average of the fBodyAccJerk-meanFreq()-Z
61	fBodyGyro-mean()-X	average of the fBodyGyro-mean()-X
62	fBodyGyro-mean()-Y	average of the fBodyGyro-mean()-Y
63	fBodyGyro-mean()-Z	average of the fBodyGyro-mean()-Z
64	fBodyGyro-std()-X	average of the fBodyGyro-std()-X
65	fBodyGyro-std()-Y	average of the fBodyGyro-std()-Y
66	fBodyGyro-std()-Z	average of the fBodyGyro-std()-Z
67	fBodyGyro-meanFreq()-X	average of the fBodyGyro-meanFreq()-X
68	fBodyGyro-meanFreq()-Y	average of the fBodyGyro-meanFreq()-Y
69	fBodyGyro-meanFreq()-Z	average of the fBodyGyro-meanFreq()-Z
70	fBodyAccMag-mean()	average of the fBodyAccMag-mean()
71	fBodyAccMag-std()	average of the fBodyAccMag-std()
72	fBodyAccMag-meanFreq()	average of the fBodyAccMag-meanFreq()
73	fBodyBodyAccJerkMag-mean()	average of the fBodyBodyAccJerkMag-mean()
74	fBodyBodyAccJerkMag-std()	average of the fBodyBodyAccJerkMag-std()
75	fBodyBodyAccJerkMag-meanFreq()	average of the fBodyBodyAccJerkMag-meanFreq()
76	fBodyBodyGyroMag-mean()	average of the fBodyBodyGyroMag-mean()
77	fBodyBodyGyroMag-std()	average of the fBodyBodyGyroMag-std()
78	fBodyBodyGyroMag-meanFreq()	average of the fBodyBodyGyroMag-meanFreq()
79	fBodyBodyGyroJerkMag-mean()	average of the fBodyBodyGyroJerkMag-mean()
80	fBodyBodyGyroJerkMag-std()	average of the fBodyBodyGyroJerkMag-std()
81	fBodyBodyGyroJerkMag-meanFreq()	average of the fBodyBodyGyroJerkMag-meanFreq()