CODE BOOK

1 subject

An identifier of the subject who carried out the experiment:
1 … 30

2 activity

Name of activity:
WALKING
WALKING_UPSTAIRS
WALKING_DOWNSTAIRS
SITTING
STANDING
LAYING

3 tBodyAcc-mean-X

The mean value of the time domain of body acceleration signals by X axe
0.2216 … 0.3015

4 tBodyAcc-mean-Y

The mean value of the time domain of body acceleration signals by Y axe
-0.040514 … -0.001308

5 tBodyAcc-mean-Z

The mean value of the time domain of body acceleration signals by Z axe
-0.15251 … -0.07538

6 tBodyAcc-std-X

Standard deviation of the time domain of body acceleration signals by X axe
-0.9961 … 0.6269

7 tBodyAcc-std-Y

Standard deviation of the time domain of body acceleration signals by Y axe
-0.99024 … 0.61694

8 tBodyAcc-std-Z

Standard deviation of the time domain of body acceleration signals by Z axe
-0.9877 … 0.6090

9 tGravityAcc-mean-X

The mean value of the time domain of gravity acceleration signals by X axe
-0.6800 … 0.9745

10 tGravityAcc-mean-Y

The mean value of the time domain of gravity acceleration signals by Y axe
-0.47989 … 0.95659

11 tGravityAcc-mean-Z

The mean value of the time domain of gravity acceleration signals by Z axe
-0.15251 … -0.07538

12 tGravityAcc-std-X

Standard deviation of the time domain of gravity acceleration signals by X axe
-0.9961 … 0.6269

13 tGravityAcc-std-Y

Standard deviation of the time domain of gravity acceleration signals by Y axe
-0.99024 … 0.61694

14 tGravityAcc-std-Z

Standard deviation of the time domain of gravity acceleration signals by Z axe
-0.9877 … 0.6090

15 tBodyAccJerk-mean-X

The mean value of the time domain Jerk signals of body linear acceleration by X axe

0.04269 … 0.13019

16 tBodyAccJerk-mean-Y

The mean value of the time domain Jerk signals of body linear acceleration by Y axe
-0.0386872 … 0.0568186

17 tBodyAccJerk-mean-Z

The mean value of the time domain Jerk signals of body linear acceleration by Z axe
-0.067458 … 0.038053

18 tBodyAccJerk-std-X

Standard deviation of the time domain Jerk signals of body linear acceleration by X axe
-0.9946 … 0.5443

19 tBodyAccJerk-std-Y

Standard deviation of the time domain Jerk signals of body linear acceleration by Y axe
-0.0386872 … 0.0568186

20 tBodyAccJerk-std-Z

Standard deviation of the time domain Jerk signals of body linear acceleration by Z axe
-0.067458 … 0.038053

21 tBodyGyro-mean-X

The mean value of the time domain of angular velocity by X axe
-0.6800 … 0.9745

22 tBodyGyro-mean-Y

The mean value of the time domain of angular velocity by Y axe
-0.47989 … 0.95659

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The mean value of the time domain of angular velocity by Z axe
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Standard deviation of the time domain of angular velocity by Y axe
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Standard deviation of the time domain of angular velocity by Z axe
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Standard deviation of the time domain Jerk signals of angular velocity by Y axe
-0.0386872 … 0.0568186

32 tBodyGyroJerk-std-Z

Standard deviation of the time domain Jerk signals of angular velocity by Z axe
-0.067458 … 0.038053

33 tBodyAccMag-mean

The mean value of the time domain magnitude of body acceleration signals
-0.9865 … 0.4284

34 tBodyAccMag-std

Standard deviation of the time domain magnitude of body acceleration signals
-0.9865 … 0.4284

35 tGravityAccMag-mean

The mean value of the time domain magnitude of gravity acceleration signals
-0.9865 … 0.6446

36 tGravityAccMag-std

Standard deviation of the time domain magnitude of gravity acceleration signals
-0.9865 … 0.4284

37 tBodyAccJerkMag-mean

The mean value of the time domain magnitude of Jerk signal of body acceleration
-0.9928 … 0.4345

38 tBodyAccJerkMag-std

Standard deviation of the time domain magnitude of Jerk signal of body acceleration
-0.9946 … 0.4506

39 tBodyGyroMag-mean

The mean value of the time domain magnitude of gravity acceleration signals
-0.9807 … 0.4180

40 tBodyGyroMag-std

Standard deviation of the time domain magnitude of gravity acceleration signals
-0.9814 … 0.3000

41 tBodyGyroJerkMag-mean

The mean value of the time domain magnitude of Jerk signal of gravity acceleration
-0.9814 … 0.08758

42 tBodyGyroJerkMag-std

Standard deviation of the time domain magnitude of Jerk signal of gravity acceleration
-0.9977 … 0.2502

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The mean value of the frequency domain of body acceleration signals by X axe
0.2216 … 0.3015

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Standard deviation of the frequency domain of body acceleration signals by Z axe
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Standard deviation of the frequency domain of angular velocity by X axe
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Standard deviation of the frequency domain of angular velocity by Y axe
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Standard deviation of the frequency domain of angular velocity by Z axe
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The mean value of the frequency domain magnitude of body acceleration signals
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Standard deviation of the frequency domain magnitude of Jerk signal of body acceleration
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The mean value of the frequency domain magnitude of Jerk signal of gravity acceleration
-0.9814 … 0.08758

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Standard deviation of the frequency domain magnitude of Jerk signal of gravity acceleration
-0.9977 … 0.2502