

Wearable computing data analysis code book

Subject 1

Number of participants who attend the test

Activity 1

6 different activities participant takes to record the data

1. WALKING
2. WALKING_UPSTAIRS
3. WALKING_DOWNSTAIRS
4. SITTING
5. STANDING
6. LAYING

Mean and Std 66

Mean and standard deviation of 66 different test data records

1. tBodyAcc.mean.X
2. tBodyAcc.mean.Y
3. tBodyAcc.mean.Z
4. tBodyAcc.std.X
5. tBodyAcc.std.Y
6. tBodyAcc.std.Z
7. tGravityAcc.mean.X
8. tGravityAcc.mean.Y
9. tGravityAcc.mean.Z
10. tGravityAcc.std.X
11. tGravityAcc.std.Y
12. tGravityAcc.std.Z
13. tBodyAccJerk.mean.X
14. tBodyAccJerk.mean.Y
15. tBodyAccJerk.mean.Z
16. tBodyAccJerk.std.X
17. tBodyAccJerk.std.Y
18. tBodyAccJerk.std.Z
19. tBodyGyro.mean.X

20. tBodyGyro.mean.Y
21. tBodyGyro.mean.Z
22. tBodyGyro.std.X
23. tBodyGyro.std.Y
24. tBodyGyro.std.Z
25. tBodyGyroJerk.mean.X
26. tBodyGyroJerk.mean.Y
27. tBodyGyroJerk.mean.Z
28. tBodyGyroJerk.std.X
29. tBodyGyroJerk.std.Y
30. tBodyGyroJerk.std.Z
31. tBodyAccMag.mean
32. tBodyAccMag.std
33. tGravityAccMag.mean
34. tGravityAccMag.std
35. tBodyAccJerkMag.mean
36. tBodyAccJerkMag.std
37. tBodyGyroMag.mean
38. tBodyGyroMag.std
39. tBodyGyroJerkMag.mean
40. tBodyGyroJerkMag.std
41. fBodyAcc.mean.X
42. fBodyAcc.mean.Y
43. fBodyAcc.mean.Z
44. fBodyAcc.std.X
45. fBodyAcc.std.Y
46. fBodyAcc.std.Z
47. fBodyAccJerk.mean.X
48. fBodyAccJerk.mean.Y
49. fBodyAccJerk.mean.Z
50. fBodyAccJerk.std.X
51. fBodyAccJerk.std.Y
52. fBodyAccJerk.std.Z
53. fBodyGyro.mean.X
54. fBodyGyro.mean.Y
55. fBodyGyro.mean.Z
56. fBodyGyro.std.X
57. fBodyGyro.std.Y
58. fBodyGyro.std.Z
59. fBodyAccMag.mean
60. fBodyAccMag.std
61. fBodyBodyAccJerkMag.mean
62. fBodyBodyAccJerkMag.std
63. fBodyBodyGyroMag.mean

- 64. fBodyBodyGyroMag.std
- 65. fBodyBodyGyroJerkMag.mean
- 66. fBodyBodyGyroJerkMag.std