Code Book for Samsung wearable Data Tidy Set

Subject

Thirty subjects involved in the study. Integer values from 1 to 30

ActivityCode

Activity is one of “Walking”, “Walking-Upstairs”, “Walking-Downstairs”, “Standing”, “Sitting” or “Laying”

Subject2

ActivityCode

3. tBodyAcc.mean...X

4. tBodyAcc.mean...Y

5. tBodyAcc.mean...Z

6. tBodyAcc.std...X

7. tBodyAcc.std...Y

8. tBodyAcc.std...Z

9. tGravityAcc.mean...X

10. tGravityAcc.mean...Y

11. tGravityAcc.mean...Z

12. tGravityAcc.std...X

13. tGravityAcc.std...Y

14. tGravityAcc.std...Z

15. tBodyAccJerk.mean...X

16. tBodyAccJerk.mean...Y

17. tBodyAccJerk.mean...Z

18. tBodyAccJerk.std...X

19. tBodyAccJerk.std...Y

20. tBodyAccJerk.std...Z

21. tBodyGyro.mean...X

22. tBodyGyro.mean...Y

23. tBodyGyro.mean...Z

24. tBodyGyro.std...X

25. tBodyGyro.std...Y

26. tBodyGyro.std...Z

27. tBodyGyroJerk.mean...X

28. tBodyGyroJerk.mean...Y

29. tBodyGyroJerk.mean...Z

30. tBodyGyroJerk.std...X

31. tBodyGyroJerk.std...Y

32. tBodyGyroJerk.std...Z

33. tBodyAccMag.mean..

34. tBodyAccMag.std..

35. tGravityAccMag.mean..

36. tGravityAccMag.std..

37. tBodyAccJerkMag.mean..

38. tBodyAccJerkMag.std..

39. tBodyGyroMag.mean..

40. tBodyGyroMag.std..

41. tBodyGyroJerkMag.mean..

42. tBodyGyroJerkMag.std..

43. fBodyAcc.mean...X

44. fBodyAcc.mean...Y

45. fBodyAcc.mean...Z

46. fBodyAcc.std...X

47. fBodyAcc.std...Y

48. fBodyAcc.std...Z

49. fBodyAcc.meanFreq...X

50. fBodyAcc.meanFreq...Y

51. fBodyAcc.meanFreq...Z

52. fBodyAccJerk.mean...X

53. fBodyAccJerk.mean...Y

54. fBodyAccJerk.mean...Z

55. fBodyAccJerk.std...X

56. fBodyAccJerk.std...Y

57. fBodyAccJerk.std...Z

58. fBodyAccJerk.meanFreq...X

59. fBodyAccJerk.meanFreq...Y

60. fBodyAccJerk.meanFreq...Z

61. fBodyGyro.mean...X

62. fBodyGyro.mean...Y

63. fBodyGyro.mean...Z

64. fBodyGyro.std...X

65. fBodyGyro.std...Y

66. fBodyGyro.std...Z

67. fBodyGyro.meanFreq...X

68. fBodyGyro.meanFreq...Y

69. fBodyGyro.meanFreq...Z

70. fBodyAccMag.mean..

71. fBodyAccMag.std..

72. fBodyAccMag.meanFreq..

73. fBodyBodyAccJerkMag.mean..

74. fBodyBodyAccJerkMag.std..

75. fBodyBodyAccJerkMag.meanFreq..

76. fBodyBodyGyroMag.mean..

77. fBodyBodyGyroMag.std..

78. fBodyBodyGyroMag.meanFreq..

79. fBodyBodyGyroJerkMag.mean..

80. fBodyBodyGyroJerkMag.std..

81. fBodyBodyGyroJerkMag.meanFreq..

82. angle.tBodyAccMean.gravity.

83. angle.tBodyAccJerkMean..gravityMean.

84. angle.tBodyGyroMean.gravityMean.

85. angle.tBodyGyroJerkMean.gravityMean.

86. angle.X.gravityMean.

87. angle.Y.gravityMean.

88. angle.Z.gravityMean.