

Code Book

Course Project: UCI.HAR data

Author: hwang56

07/26/2014

Subject. variable range 1-30 that identifies the 30 individuals involved in the experiment.

Activity. factor with 6 levels.

Feature Vector Subset. it contains the following 66 variables that are only the mean and standard deviation of the variable values, for further information on creation of the features (561 variables), please check the file "feature_info.txt".

[1] tBodyAcc-mean()-X	tBodyAcc-mean()-Y
[3] tBodyAcc-mean()-Z	tBodyAcc-std()-X
[5] tBodyAcc-std()-Y	tBodyAcc-std()-Z
[7] tGravityAcc-mean()-X	tGravityAcc-mean()-Y
[9] tGravityAcc-mean()-Z	tGravityAcc-std()-X
[11] tGravityAcc-std()-Y	tGravityAcc-std()-Z
[13] tBodyAccJerk-mean()-X	tBodyAccJerk-mean()-Y
[15] tBodyAccJerk-mean()-Z	tBodyAccJerk-std()-X
[17] tBodyAccJerk-std()-Y	tBodyAccJerk-std()-Z
[19] tBodyGyro-mean()-X	tBodyGyro-mean()-Y
[21] tBodyGyro-mean()-Z	tBodyGyro-std()-X
[23] tBodyGyro-std()-Y	tBodyGyro-std()-Z
[25] tBodyGyroJerk-mean()-X	tBodyGyroJerk-mean()-Y
[27] tBodyGyroJerk-mean()-Z	tBodyGyroJerk-std()-X
[29] tBodyGyroJerk-std()-Y	tBodyGyroJerk-std()-Z
[31] tBodyAccMag-mean()	tBodyAccMag-std()
[33] tGravityAccMag-mean()	tGravityAccMag-std()
[35] tBodyAccJerkMag-mean()	tBodyAccJerkMag-std()
[37] tBodyGyroMag-mean()	tBodyGyroMag-std()
[39] tBodyGyroJerkMag-mean()	tBodyGyroJerkMag-std()
[41] fBodyAcc-mean()-X	fBodyAcc-mean()-Y
[43] fBodyAcc-mean()-Z	fBodyAcc-std()-X
[45] fBodyAcc-std()-Y	fBodyAcc-std()-Z
[47] fBodyAccJerk-mean()-X	fBodyAccJerk-mean()-Y
[49] fBodyAccJerk-mean()-Z	fBodyAccJerk-std()-X
[51] fBodyAccJerk-std()-Y	fBodyAccJerk-std()-Z
[53] fBodyGyro-mean()-X	fBodyGyro-mean()-Y
[55] fBodyGyro-mean()-Z	fBodyGyro-std()-X
[57] fBodyGyro-std()-Y	fBodyGyro-std()-Z
[59] fBodyAccMag-mean()	fBodyAccMag-std()
[61] fBodyBodyAccJerkMag-mean()	fBodyBodyAccJerkMag-std()
[63] fBodyBodyGyroMag-mean()	fBodyBodyGyroMag-std()

```
[65] fBodyBodyGyroJerkMag-mean() fBodyBodyGyroJerkMag-std()
```