Code Book

"Activity"

Factor Variable with 6 levels

"Subject"

"tBodyAcc-mean()-X"

"tBodyAcc-mean()-Y"

"tBodyAcc-mean()-Z"

"tBodyAcc-std()-X"

[7] "tBodyAcc-std()-Y" "tBodyAcc-std()-Z" "tGravityAcc-mean()-X"

[10] "tGravityAcc-mean()-Y" "tGravityAcc-mean()-Z" "tGravityAcc-std()-X"

[13] "tGravityAcc-std()-Y" "tGravityAcc-std()-Z" "tBodyAccJerk-mean()-X"

[16] "tBodyAccJerk-mean()-Y" "tBodyAccJerk-mean()-Z" "tBodyAccJerk-std()-X"

[19] "tBodyAccJerk-std()-Y" "tBodyAccJerk-std()-Z" "tBodyGyro-mean()-X"

[22] "tBodyGyro-mean()-Y" "tBodyGyro-mean()-Z" "tBodyGyro-std()-X"

[25] "tBodyGyro-std()-Y" "tBodyGyro-std()-Z" "tBodyGyroJerk-mean()-X"

[28] "tBodyGyroJerk-mean()-Y" "tBodyGyroJerk-mean()-Z" "tBodyGyroJerk-std()-X"

[31] "tBodyGyroJerk-std()-Y" "tBodyGyroJerk-std()-Z" "tBodyAccMag-mean()"

[34] "tBodyAccMag-std()" "tGravityAccMag-mean()" "tGravityAccMag-std()"

[37] "tBodyAccJerkMag-mean()" "tBodyAccJerkMag-std()" "tBodyGyroMag-mean()"

[40] "tBodyGyroMag-std()" "tBodyGyroJerkMag-mean()" "tBodyGyroJerkMag-std()"

[43] "fBodyAcc-mean()-X" "fBodyAcc-mean()-Y" "fBodyAcc-mean()-Z"

[46] "fBodyAcc-std()-X" "fBodyAcc-std()-Y" "fBodyAcc-std()-Z"

[49] "fBodyAccJerk-mean()-X" "fBodyAccJerk-mean()-Y" "fBodyAccJerk-mean()-Z"

[52] "fBodyAccJerk-std()-X" "fBodyAccJerk-std()-Y" "fBodyAccJerk-std()-Z"

[55] "fBodyGyro-mean()-X" "fBodyGyro-mean()-Y" "fBodyGyro-mean()-Z"

[58] "fBodyGyro-std()-X" "fBodyGyro-std()-Y" "fBodyGyro-std()-Z"

[61] "fBodyAccMag-mean()" "fBodyAccMag-std()" "fBodyBodyAccJerkMag-mean()"

[64] "fBodyBodyAccJerkMag-std()" "fBodyBodyGyroMag-mean()" "fBodyBodyGyroMag-std()"

[67] "fBodyBodyGyroJerkMag-mean()" "fBodyBodyGyroJerkMag-std()"

> a<-names(tidyds)

> a

[1] "Activity" "Subject" "tBodyAcc-mean()-X"

[4] "tBodyAcc-mean()-Y" "tBodyAcc-mean()-Z" "tBodyAcc-std()-X"

[7] "tBodyAcc-std()-Y" "tBodyAcc-std()-Z" "tGravityAcc-mean()-X"

[10] "tGravityAcc-mean()-Y" "tGravityAcc-mean()-Z" "tGravityAcc-std()-X"

[13] "tGravityAcc-std()-Y" "tGravityAcc-std()-Z" "tBodyAccJerk-mean()-X"

[16] "tBodyAccJerk-mean()-Y" "tBodyAccJerk-mean()-Z" "tBodyAccJerk-std()-X"

[19] "tBodyAccJerk-std()-Y" "tBodyAccJerk-std()-Z" "tBodyGyro-mean()-X"

[22] "tBodyGyro-mean()-Y" "tBodyGyro-mean()-Z" "tBodyGyro-std()-X"

[25] "tBodyGyro-std()-Y" "tBodyGyro-std()-Z" "tBodyGyroJerk-mean()-X"

[28] "tBodyGyroJerk-mean()-Y" "tBodyGyroJerk-mean()-Z" "tBodyGyroJerk-std()-X"

[31] "tBodyGyroJerk-std()-Y" "tBodyGyroJerk-std()-Z" "tBodyAccMag-mean()"

[34] "tBodyAccMag-std()" "tGravityAccMag-mean()" "tGravityAccMag-std()"

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[64] "fBodyBodyAccJerkMag-std()" "fBodyBodyGyroMag-mean()" "fBodyBodyGyroMag-std()"

[67] "fBodyBodyGyroJerkMag-mean()" "fBodyBodyGyroJerkMag-std()"