

Codebook – Tidy data set.

subject

Subject ID

1..30

Activity

Type of activity

"Laying"

"Sitting"

"Standing"

"Walking Downstairs"

"Walking Upstairs"

"Walking"

variable

Name of the variable for which mean was counted (Specific info about these variables can be found in features_info.txt in UCI HAR Dataset.zip)

tBodyAcc-mean()-X

tBodyAcc-mean()-Y

tBodyAcc-mean()-Z

tGravityAcc-mean()-X

tGravityAcc-mean()-Y

tGravityAcc-mean()-Z

tBodyAccJerk-mean()-X

tBodyAccJerk-mean()-Y

tBodyAccJerk-mean()-Z

tBodyGyro-mean()-X

tBodyGyro-mean()-Y

tBodyGyro-mean()-Z

tBodyGyroJerk-mean()-X

tBodyGyroJerk-mean()-Y
tBodyGyroJerk-mean()-Z
tBodyAccMag-mean()
tGravityAccMag-mean()
tBodyAccJerkMag-mean()
tBodyGyroMag-mean()
tBodyGyroJerkMag-mean()
fBodyAcc-mean()-X
fBodyAcc-mean()-Y
fBodyAcc-mean()-Z
fBodyAcc-meanFreq()-X
fBodyAcc-meanFreq()-Y
fBodyAcc-meanFreq()-Z
fBodyAccJerk-mean()-X
fBodyAccJerk-mean()-Y
fBodyAccJerk-mean()-Z
fBodyAccJerk-meanFreq()-X
fBodyAccJerk-meanFreq()-Y
fBodyAccJerk-meanFreq()-Z
fBodyGyro-mean()-X
fBodyGyro-mean()-Y
fBodyGyro-mean()-Z
fBodyGyro-meanFreq()-X
fBodyGyro-meanFreq()-Y
fBodyGyro-meanFreq()-Z
fBodyAccMag-mean()
fBodyAccMag-meanFreq()
fBodyBodyAccJerkMag-mean()
fBodyBodyAccJerkMag-meanFreq()
fBodyBodyGyroMag-mean()

fBodyBodyGyroMag-meanFreq()
fBodyBodyGyroJerkMag-mean()
fBodyBodyGyroJerkMag-meanFreq()
tBodyAcc-std()-X
tBodyAcc-std()-Y
tBodyAcc-std()-Z
tGravityAcc-std()-X
tGravityAcc-std()-Y
tGravityAcc-std()-Z
tBodyAccJerk-std()-X
tBodyAccJerk-std()-Y
tBodyAccJerk-std()-Z
tBodyGyro-std()-X
tBodyGyro-std()-Y
tBodyGyro-std()-Z
tBodyGyroJerk-std()-X
tBodyGyroJerk-std()-Y
tBodyGyroJerk-std()-Z
tBodyAccMag-std()
tGravityAccMag-std()
tBodyAccJerkMag-std()
tBodyGyroMag-std()
tBodyGyroJerkMag-std()
fBodyAcc-std()-X
fBodyAcc-std()-Y
fBodyAcc-std()-Z
fBodyAccJerk-std()-X
fBodyAccJerk-std()-Y
fBodyAccJerk-std()-Z
fBodyGyro-std()-X

fBodyGyro-std()-Y
fBodyGyro-std()-Z
fBodyAccMag-std()
fBodyBodyAccJerkMag-std()
fBodyBodyGyroMag-std()
fBodyBodyGyroJerkMag-std()

mean

Mean for each variable per subject and activity

-0.99776661..0.9745087