

Cookbook for Final Project for Getting and Cleaning Data Course

Andrew D. Stewart

```
knitr::opts_chunk$set(echo = TRUE, tidy = TRUE)
```

Final Project for Getting and Cleaning Data Course

Cookbook for this Assignment

Script Assignment: You should create one R script called `run_analysis.R` that does the following.

1. Merges the training and the test sets to create one data set.
2. Extracts only the measurements on the mean and standard deviation for each measurement.
3. Uses descriptive activity names to name the activities in the data set
4. Appropriately labels the data set with descriptive variable names.
5. From the data set in step 4, creates a second, independent tidy data set with the average of each variable for each activity and each subject.

Step 1: Library Calls and Helper Function

Helper function `create_data_tbl(file_name)` reads data into dataframe `tbl` from a provided `file_name` and returns a `tbl_df` dataframe table

```
library(data.table)
library(dplyr)

##
## Attaching package: 'dplyr'

## The following objects are masked from 'package:data.table':
##
##   between, first, last

## The following objects are masked from 'package:stats':
##
##   filter, lag

## The following objects are masked from 'package:base':
##
##   intersect, setdiff, setequal, union

## Function reads a dataframe from a provided file_name and returns a dplyr
## dataframe tbl
create_data_tbl <- function(file_name) {

  data <- read.table(file_name)
  data_tble <- data.table(data)
  data_tble <- tbl_df(data_tble)
}
```

Step 2: Setup Data Directory Names and Read-in the Data from data files

Also, reads-in the activity labels and data labels.

Each data file is stored as a `tbl_df` from the Helper function `create_data_tbl(file_name)` using `file.path` and `**_directory**` name as `file_name` argument to the function.

```
## Create directory names:
test_directory <- c("UCI HAR Dataset/test/") ## Directory location for Test Data
train_directory <- c("UCI HAR Dataset/train/") ## Directory location for Train Data
data_directory <- c("UCI HAR Dataset/") ## Base Directory location data

## Read Test Data, Training Data, and Labels (Total of 8 .txt Files):
x_test_data <- create_data_tbl(file.path(test_directory, "X_test.txt"))
y_test_data <- create_data_tbl(file.path(test_directory, "y_test.txt"))
subject_test_data <- create_data_tbl(file.path(test_directory, "subject_test.txt"))

x_train_data <- create_data_tbl(file.path(train_directory, "X_train.txt"))
y_train_data <- create_data_tbl(file.path(train_directory, "y_train.txt"))
subject_train_data <- create_data_tbl(file.path(train_directory, "subject_train.txt"))

activity_labels <- create_data_tbl(file.path(data_directory, "activity_labels.txt"))
data_labels <- create_data_tbl(file.path(data_directory, "features.txt"))
```

Step 3: Combine Test and Training Data by Rows

subjects, test and training data are row-combined into 3 data tables of `subjects_combined`, `y_data_combined`, `x_data_combined` using `bind_rows`.

```
## Combine Test and Training Data by Rows
subjects_combined <- bind_rows(subject_test_data, subject_train_data)
y_data_combined <- bind_rows(y_test_data, y_train_data)
x_data_combined <- bind_rows(x_test_data, x_train_data)
```

Step 4: Update Data with descriptive column names

All 561 observation data column names are updated with `data_labels` from `features.txt`. Activity columns names given `acty_num` and `acty_name`. Subject column name given `subject_num`.

Creates a new `activity_combined` data table that combines the long list of test numbers with the 6 activity labels, keyed by `acty_num` using `merge` function with `sort = FALSE` to prevent re-sorting the new table.

Satisfies Project requirement: 3. Uses descriptive activity names to name the activities in the data set.

All column names will be given more “tidy names” later when the tidy dataset is formed.

```
## Update Data with descriptive column names
activity_labels <- rename(activity_labels, acty_num = "V1", acty_name = "V2")
subjects_combined <- rename(subjects_combined, subject_num = "V1")
y_data_combined <- rename(y_data_combined, acty_num = "V1")
x_data_combined <- rename_all(x_data_combined, funs(data_labels$V2))

## Bring Activity Numbers together with Activity Labels:
```

```

acty_names_vector <- as.vector(activity_labels$acty_name)
activity_combined <- tbl_df(as.factor(acty_names_vector[y_data_combined$acty_num]))
activity_combined <- rename(activity_combined, acty_name = value)

```

Step 5: Column Bind All Data Into One Large Combined Dataset *combined_dataset*:

Display characteristics of *combined_dataset* using `str(combined_dataset)` to demonstrate that the R script satisfies the **Project requirement: 1. Merges the training and the test sets to create one data set.**

Data rows are by Subject Number and the dataset preserves the activity number with corresponding activity number keyed-activity labels.

```
## Column Bind All Data Into One Large Combined Dataset:
```

```
combined_dataset <- cbind(subjects_combined, activity_combined, x_data_combined)
```

```
str(combined_dataset)
```

```

## 'data.frame':    10299 obs. of  563 variables:
## $ subject_num      : int  2 2 2 2 2 2 2 2 2 2 ...
## $ acty_name         : Factor w/ 6 levels "LAYING","SITTING",...: 3 3 3 3 3 3 3 3 3 3 ...
## $ tBodyAcc-mean()-X : num  0.257 0.286 0.275 0.27 0.275 ...
## $ tBodyAcc-mean()-Y : num  -0.0233 -0.0132 -0.0261 -0.0326 -0.0278 ...
## $ tBodyAcc-mean()-Z : num  -0.0147 -0.1191 -0.1182 -0.1175 -0.1295 ...
## $ tBodyAcc-std()-X  : num  -0.938 -0.975 -0.994 -0.995 -0.994 ...
## $ tBodyAcc-std()-Y  : num  -0.92 -0.967 -0.97 -0.973 -0.967 ...
## $ tBodyAcc-std()-Z  : num  -0.668 -0.945 -0.963 -0.967 -0.978 ...
## $ tBodyAcc-mad()-X  : num  -0.953 -0.987 -0.994 -0.995 -0.994 ...
## $ tBodyAcc-mad()-Y  : num  -0.925 -0.968 -0.971 -0.974 -0.966 ...
## $ tBodyAcc-mad()-Z  : num  -0.674 -0.946 -0.963 -0.969 -0.977 ...
## $ tBodyAcc-max()-X  : num  -0.894 -0.894 -0.939 -0.939 -0.939 ...
## $ tBodyAcc-max()-Y  : num  -0.555 -0.555 -0.569 -0.569 -0.561 ...
## $ tBodyAcc-max()-Z  : num  -0.466 -0.806 -0.799 -0.799 -0.826 ...
## $ tBodyAcc-min()-X  : num  0.717 0.768 0.848 0.848 0.849 ...
## $ tBodyAcc-min()-Y  : num  0.636 0.684 0.668 0.668 0.671 ...
## $ tBodyAcc-min()-Z  : num  0.789 0.797 0.822 0.822 0.83 ...
## $ tBodyAcc-sma()    : num  -0.878 -0.969 -0.977 -0.974 -0.975 ...
## $ tBodyAcc-energy()-X : num  -0.998 -1 -1 -1 -1 ...
## $ tBodyAcc-energy()-Y : num  -0.998 -1 -1 -0.999 -0.999 ...
## $ tBodyAcc-energy()-Z : num  -0.934 -0.998 -0.999 -0.999 -0.999 ...
## $ tBodyAcc-iqr()-X  : num  -0.976 -0.994 -0.993 -0.995 -0.993 ...
## $ tBodyAcc-iqr()-Y  : num  -0.95 -0.974 -0.974 -0.979 -0.967 ...
## $ tBodyAcc-iqr()-Z  : num  -0.83 -0.951 -0.965 -0.97 -0.976 ...
## $ tBodyAcc-entropy()-X : num  -0.168 -0.302 -0.618 -0.75 -0.591 ...
## $ tBodyAcc-entropy()-Y : num  -0.379 -0.348 -0.695 -0.899 -0.74 ...
## $ tBodyAcc-entropy()-Z : num  0.246 -0.405 -0.537 -0.554 -0.799 ...
## $ tBodyAcc-arCoeff()-X,1 : num  0.521 0.507 0.242 0.175 0.116 ...
## $ tBodyAcc-arCoeff()-X,2 : num  -0.4878 -0.1565 -0.115 -0.0513 -0.0289 ...
## $ tBodyAcc-arCoeff()-X,3 : num  0.4823 0.0407 0.0327 0.0342 -0.0328 ...
## $ tBodyAcc-arCoeff()-X,4 : num  -0.0455 0.273 0.1924 0.1536 0.2943 ...
## $ tBodyAcc-arCoeff()-Y,1 : num  0.21196 0.19757 -0.01194 0.03077 0.00063 ...
## $ tBodyAcc-arCoeff()-Y,2 : num  -0.1349 -0.1946 -0.0634 -0.1293 -0.0453 ...
## $ tBodyAcc-arCoeff()-Y,3 : num  0.131 0.411 0.471 0.446 0.168 ...
## $ tBodyAcc-arCoeff()-Y,4 : num  -0.0142 -0.3405 -0.5074 -0.4195 -0.0682 ...

```

```

## $ tBodyAcc-arCoeff()-Z,1      : num -0.106 0.0776 0.1885 0.2715 0.0744 ...
## $ tBodyAcc-arCoeff()-Z,2      : num 0.0735 -0.084 -0.2316 -0.2258 0.0271 ...
## $ tBodyAcc-arCoeff()-Z,3      : num -0.1715 0.0353 0.6321 0.4164 -0.1459 ...
## $ tBodyAcc-arCoeff()-Z,4      : num 0.0401 -0.0101 -0.5507 -0.2864 -0.0502 ...
## $ tBodyAcc-correlation()-X,Y   : num 0.077 -0.105 0.3057 -0.0638 0.2352 ...
## $ tBodyAcc-correlation()-X,Z   : num -0.491 -0.429 -0.324 -0.167 0.29 ...
## $ tBodyAcc-correlation()-Y,Z   : num -0.709 0.399 0.28 0.545 0.458 ...
## $ tGravityAcc-mean()-X         : num 0.936 0.927 0.93 0.929 0.927 ...
## $ tGravityAcc-mean()-Y         : num -0.283 -0.289 -0.288 -0.293 -0.303 ...
## $ tGravityAcc-mean()-Z         : num 0.115 0.153 0.146 0.143 0.138 ...
## $ tGravityAcc-std()-X          : num -0.925 -0.989 -0.996 -0.993 -0.996 ...
## $ tGravityAcc-std()-Y          : num -0.937 -0.984 -0.988 -0.97 -0.971 ...
## $ tGravityAcc-std()-Z          : num -0.564 -0.965 -0.982 -0.992 -0.968 ...
## $ tGravityAcc-mad()-X          : num -0.93 -0.989 -0.996 -0.993 -0.996 ...
## $ tGravityAcc-mad()-Y          : num -0.938 -0.983 -0.989 -0.971 -0.971 ...
## $ tGravityAcc-mad()-Z          : num -0.606 -0.965 -0.98 -0.993 -0.969 ...
## $ tGravityAcc-max()-X          : num 0.906 0.856 0.856 0.856 0.854 ...
## $ tGravityAcc-max()-Y          : num -0.279 -0.305 -0.305 -0.305 -0.313 ...
## $ tGravityAcc-max()-Z          : num 0.153 0.153 0.139 0.136 0.134 ...
## $ tGravityAcc-min()-X          : num 0.944 0.944 0.949 0.947 0.946 ...
## $ tGravityAcc-min()-Y          : num -0.262 -0.262 -0.262 -0.273 -0.279 ...
## $ tGravityAcc-min()-Z          : num -0.0762 0.149 0.145 0.1421 0.1309 ...
## $ tGravityAcc-sma()            : num -0.0178 0.0577 0.0406 0.0461 0.0554 ...
## $ tGravityAcc-energy()-X        : num 0.829 0.806 0.812 0.809 0.804 ...
## $ tGravityAcc-energy()-Y        : num -0.865 -0.858 -0.86 -0.854 -0.843 ...
## $ tGravityAcc-energy()-Z        : num -0.968 -0.957 -0.961 -0.963 -0.965 ...
## $ tGravityAcc-iqr()-X          : num -0.95 -0.988 -0.996 -0.992 -0.996 ...
## $ tGravityAcc-iqr()-Y          : num -0.946 -0.982 -0.99 -0.973 -0.972 ...
## $ tGravityAcc-iqr()-Z          : num -0.76 -0.971 -0.979 -0.996 -0.969 ...
## $ tGravityAcc-entropy()-X      : num -0.425 -0.729 -0.823 -0.823 -0.83 ...
## $ tGravityAcc-entropy()-Y      : num -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 ...
## $ tGravityAcc-entropy()-Z      : num 0.219 -0.465 -0.53 -0.7 -0.302 ...
## $ tGravityAcc-arCoeff()-X,1    : num -0.43 -0.51 -0.295 -0.343 -0.482 ...
## $ tGravityAcc-arCoeff()-X,2    : num 0.431 0.525 0.305 0.359 0.539 ...
## $ tGravityAcc-arCoeff()-X,3    : num -0.432 -0.54 -0.315 -0.375 -0.596 ...
## $ tGravityAcc-arCoeff()-X,4    : num 0.433 0.554 0.326 0.392 0.655 ...
## $ tGravityAcc-arCoeff()-Y,1    : num -0.795 -0.746 -0.232 -0.233 -0.493 ...
## $ tGravityAcc-arCoeff()-Y,2    : num 0.781 0.733 0.169 0.176 0.463 ...
## $ tGravityAcc-arCoeff()-Y,3    : num -0.78 -0.737 -0.155 -0.169 -0.465 ...
## $ tGravityAcc-arCoeff()-Y,4    : num 0.785 0.749 0.164 0.185 0.483 ...
## $ tGravityAcc-arCoeff()-Z,1    : num -0.984 -0.845 -0.429 -0.297 -0.536 ...
## $ tGravityAcc-arCoeff()-Z,2    : num 0.987 0.869 0.44 0.304 0.544 ...
## $ tGravityAcc-arCoeff()-Z,3    : num -0.989 -0.893 -0.451 -0.311 -0.553 ...
## $ tGravityAcc-arCoeff()-Z,4    : num 0.988 0.913 0.458 0.315 0.559 ...
## $ tGravityAcc-correlation()-X,Y : num 0.981 0.945 0.548 0.986 0.998 ...
## $ tGravityAcc-correlation()-X,Z : num -0.996 -0.911 -0.335 0.653 0.916 ...
## $ tGravityAcc-correlation()-Y,Z : num -0.96 -0.739 0.59 0.747 0.929 ...
## $ tBodyAccJerk-mean()-X        : num 0.072 0.0702 0.0694 0.0749 0.0784 ...
## $ tBodyAccJerk-mean()-Y        : num 0.04575 -0.01788 -0.00491 0.03227 0.02228 ...
## $ tBodyAccJerk-mean()-Z        : num -0.10604 -0.00172 -0.01367 0.01214 0.00275 ...
## $ tBodyAccJerk-std()-X         : num -0.907 -0.949 -0.991 -0.991 -0.992 ...
## $ tBodyAccJerk-std()-Y         : num -0.938 -0.973 -0.971 -0.973 -0.979 ...
## $ tBodyAccJerk-std()-Z         : num -0.936 -0.978 -0.973 -0.976 -0.987 ...
## $ tBodyAccJerk-mad()-X         : num -0.916 -0.969 -0.991 -0.99 -0.991 ...

```

```
## $ tBodyAccJerk-mad()-Y : num -0.937 -0.974 -0.973 -0.973 -0.977 ...
## $ tBodyAccJerk-mad()-Z : num -0.949 -0.979 -0.975 -0.978 -0.985 ...
## $ tBodyAccJerk-max()-X : num -0.903 -0.915 -0.992 -0.992 -0.994 ...
## $ tBodyAccJerk-max()-Y : num -0.95 -0.981 -0.975 -0.975 -0.986 ...
## $ tBodyAccJerk-max()-Z : num -0.891 -0.978 -0.962 -0.962 -0.986 ...
## $ tBodyAccJerk-min()-X : num 0.898 0.898 0.994 0.994 0.994 ...
## $ tBodyAccJerk-min()-Y : num 0.95 0.968 0.976 0.976 0.98 ...
## $ tBodyAccJerk-min()-Z : num 0.946 0.966 0.966 0.97 0.985 ...
## $ tBodyAccJerk-sma() : num -0.931 -0.974 -0.982 -0.983 -0.987 ...
## $ tBodyAccJerk-energy()-X : num -0.995 -0.998 -1 -1 -1 ...
## [list output truncated]
```

Step 6: Extract the measurements on the mean and standard deviation for each measurement:

Logically extract measurement data and summarize by subject number the mean of the measurements' mean and standard deviation.

Satisfies the Project Requirement for R Script that: “2. Extracts only the measurements on the mean and standard deviation for each measurement.”

There are 17 measurements x 33 computed variables in this 561-column dataset ($17 \times 33 = 561$).

The measurements are: tBodyAcc-XYZ, tGravityAcc-XYZ, tBodyAccJerk-XYZ, tBodyGyro-XYZ, tBodyGyroJerk-XYZ, tBodyAccMag, and tGravityAccMag – where -XYZ means there are 3 measurements for each.

All 17 measurements have a mean and a standard deviation measurement. Script extracts these 2 x 17 measurements for 34 total measurements to form the data that will go into the tidy dataset.

`grepl` is used with string combinations to form a series of 4 logical vectors from the `data_labels` vector of measurement names.

The 4 logical vectors are logically-**Or**-ed (`|`) together to a **final_vector** that is logically used to create a **final_datanames** character vector corresponding to the column names of measurements to be extracted.

The **final_extract** data table is created by rows of Subject Numbers and the extracted measurement column names from **final_datanames**.

The **final_extract** data table is then grouped (`group_by`) the Subject Number (**subject_group**).

The tidy dataset is initially formed by calling `summarize_all` on the grouped data table, **subject_group** with a `fun(mean)` parameter to summarize the mean of the 34 mean and standard deviation measurements, by **subject_num**.

```
## Total 17 measurements: (15) of tBodyAcc-XYZ and tBodyGyro-XYZ, (1)
## tBodyAccMag, & (1) tGravityAccMag 17 measurements over: (1) mean and (2)
## standard deviation = 34 columns to extract:

## First, Logical Vectors of columns with measurements named: 'tBody' AND
## with: (mean or std):
measure_means_vector <- grepl("(tBody)", data_labels$V2) & grepl("mean", data_labels$V2)
measure_std_vector <- grepl("(tBody)", data_labels$V2) & grepl("std", data_labels$V2)

## Second, Logical Vector columns with measurement named: 'tGravity' AND
## with: (mean or std):
measure_gravity_vector_mean <- grepl("(tGravityAccMag)", data_labels$V2) &
  grepl("mean", data_labels$V2)
measure_gravity_vector_std <- grepl("(tGravityAccMag)", data_labels$V2) & grepl("std",
```

```

data_labels$V2)

## Combine both logical vectors of columns and assemble measurment names to
## be extracted:
final_vector <- (measure_means_vector | measure_std_vector | measure_gravity_vector_mean |
  measure_gravity_vector_std)
## OR combines mean and std columns together

final_datanames <- as.character(data_labels$V2[final_vector])
## character vector of measurement names

## Extract the subject number column and measurement columns:
final_extract <- tbl_df(combined_dataset[, c("subject_num", "acty_name", final_datanames)])

## Create Tidy Dataset grouped by subject number:
subject_group <- group_by(final_extract, subject_num, acty_name) ## group by subject number
independent_tidydataset <- summarise_all(subject_group, funs(mean))

```

Step 7: Provide read-able column names to the data for a Tidy Dataset

Satisfies Project Requirement: 5. From the data set in step 4, creates a second, independent tidy data set with the average of each variable for each activity and each subject.

Tidy Data Set Rows are the Subjects and are linked to each Observation Column of Mean and Std Dev.
(Could have done this with more interesting character sorting and replacment code)

```

## Tidy-Up column names of the results with read-able column names:
tidy_colnames <- c("subject number", "activity type", "body acceleration mean-X",
  "body acceleration mean-Y", "body acceleration mean-Z", "body acceleration std dev-X",
  "body acceleration std dev-Y", "body acceleration std dev-Z", "body acceleration jerk mean-X",
  "body acceleration jerk mean-Y", "body acceleration jerk mean-Z", "body acceleration jerk std dev-X",
  "body acceleration jerk std dev-Y", "body acceleration jerk std dev-Z",
  "body gyro mean-X", "body gyro mean-Y", "body gyro mean-Z", "body gyro std dev-X",
  "body gyro std dev-Y", "body gyro std dev-Z", "body gyro jerk mean-X", "body gyro jerk mean-Y",
  "body gyro jerk mean-Z", "body gyro jerk std dev-X", "body gyro jerk std dev-Y",
  "body gyro jerk std dev-Z", "body acceleration magnitude mean", "body acceleration magnitude std dev",
  "gravity acceleration magnitude mean", "gravity acceleration magnitude std dev",
  "body accleration jerk magnitude mean", "body accleration jerk magnitude std dev",
  "body gyro magnitude mean", "body gyro magnitude std dev", "body gyro jerk magnitude mean",
  "body gyro jerk magnitude std dev")

## Apply new tidy column names to the Tidy Dataset:
names(independent_tidydataset) <- tidy_colnames

```

Step 8: Print the Tidy Dataset in a read-able output format write to .txt and .csv files

Use pander to print a neat, wide data table across several pages.

Each column of the **Wide Dataset** is linked to rows in *Subject Number*.

Satisfies requirement that: each variable you measure should be in one column; and each different observation of that variable should be in a different row.

```
library(pander)

## Prints out full datatable in rmarkdown format spanning multiple pages Tidy
## Data Set Rows are the Subjects linked to each Observation Column of Mean
## and Std Dev
pandoc.table(as.data.frame(independent_tidydataset), split.table = 80, style = "rmarkdown",
  caption = "Independent Tidy Dataset", keep.line.breaks = TRUE)
```

```
##
##
## | subject number | activity type | body acceleration mean-X |
## | :-----: | :-----: | :-----: |
## | 1 | LAYING | 0.2216 |
## | 1 | SITTING | 0.2612 |
## | 1 | STANDING | 0.2789 |
## | 1 | WALKING | 0.2773 |
## | 1 | WALKING_DOWNSTAIRS | 0.2892 |
## | 1 | WALKING_UPSTAIRS | 0.2555 |
## | 2 | LAYING | 0.2814 |
## | 2 | SITTING | 0.2771 |
## | 2 | STANDING | 0.2779 |
## | 2 | WALKING | 0.2764 |
## | 2 | WALKING_DOWNSTAIRS | 0.2776 |
## | 2 | WALKING_UPSTAIRS | 0.2472 |
## | 3 | LAYING | 0.2755 |
## | 3 | SITTING | 0.2572 |
## | 3 | STANDING | 0.28 |
## | 3 | WALKING | 0.2756 |
## | 3 | WALKING_DOWNSTAIRS | 0.2924 |
## | 3 | WALKING_UPSTAIRS | 0.2608 |
## | 4 | LAYING | 0.2636 |
## | 4 | SITTING | 0.2715 |
## | 4 | STANDING | 0.2805 |
## | 4 | WALKING | 0.2786 |
## | 4 | WALKING_DOWNSTAIRS | 0.28 |
## | 4 | WALKING_UPSTAIRS | 0.2709 |
## | 5 | LAYING | 0.2783 |
## | 5 | SITTING | 0.2737 |
## | 5 | STANDING | 0.2825 |
## | 5 | WALKING | 0.2778 |
## | 5 | WALKING_DOWNSTAIRS | 0.2935 |
## | 5 | WALKING_UPSTAIRS | 0.2685 |
## | 6 | LAYING | 0.2487 |
## | 6 | SITTING | 0.2768 |
## | 6 | STANDING | 0.2803 |
## | 6 | WALKING | 0.2837 |
## | 6 | WALKING_DOWNSTAIRS | 0.277 |
## | 6 | WALKING_UPSTAIRS | 0.2682 |
## | 7 | LAYING | 0.2502 |
## | 7 | SITTING | 0.2847 |
## | 7 | STANDING | 0.2827 |
```

##	7	WALKING	0.2756
##	7	WALKING_DOWNSTAIRS	0.2803
##	7	WALKING_UPSTAIRS	0.2487
##	8	LAYING	0.2613
##	8	SITTING	0.2675
##	8	STANDING	0.2796
##	8	WALKING	0.2747
##	8	WALKING_DOWNSTAIRS	0.2835
##	8	WALKING_UPSTAIRS	0.2589
##	9	LAYING	0.2592
##	9	SITTING	0.2483
##	9	STANDING	0.2823
##	9	WALKING	0.2785
##	9	WALKING_DOWNSTAIRS	0.2959
##	9	WALKING_UPSTAIRS	0.2624
##	10	LAYING	0.2802
##	10	SITTING	0.2706
##	10	STANDING	0.2767
##	10	WALKING	0.2786
##	10	WALKING_DOWNSTAIRS	0.2904
##	10	WALKING_UPSTAIRS	0.2671
##	11	LAYING	0.2806
##	11	SITTING	0.2766
##	11	STANDING	0.2777
##	11	WALKING	0.2718
##	11	WALKING_DOWNSTAIRS	0.2916
##	11	WALKING_UPSTAIRS	0.2638
##	12	LAYING	0.2601
##	12	SITTING	0.275
##	12	STANDING	0.2774
##	12	WALKING	0.2771
##	12	WALKING_DOWNSTAIRS	0.2815
##	12	WALKING_UPSTAIRS	0.273
##	13	LAYING	0.2767
##	13	SITTING	0.2743
##	13	STANDING	0.2778
##	13	WALKING	0.2759
##	13	WALKING_DOWNSTAIRS	0.2949
##	13	WALKING_UPSTAIRS	0.2582
##	14	LAYING	0.2333
##	14	SITTING	0.28
##	14	STANDING	0.2805
##	14	WALKING	0.272
##	14	WALKING_DOWNSTAIRS	0.2934
##	14	WALKING_UPSTAIRS	0.2624
##	15	LAYING	0.2895
##	15	SITTING	0.2729
##	15	STANDING	0.2789
##	15	WALKING	0.2739
##	15	WALKING_DOWNSTAIRS	0.2802
##	15	WALKING_UPSTAIRS	0.2702
##	16	LAYING	0.2742
##	16	SITTING	0.2808
##	16	STANDING	0.2835

##	16	WALKING	0.276
##	16	WALKING_DOWNSTAIRS	0.2956
##	16	WALKING_UPSTAIRS	0.256
##	17	LAYING	0.2698
##	17	SITTING	0.2774
##	17	STANDING	0.2779
##	17	WALKING	0.2723
##	17	WALKING_DOWNSTAIRS	0.2939
##	17	WALKING_UPSTAIRS	0.2526
##	18	LAYING	0.2747
##	18	SITTING	0.2773
##	18	STANDING	0.2785
##	18	WALKING	0.2739
##	18	WALKING_DOWNSTAIRS	0.2884
##	18	WALKING_UPSTAIRS	0.2654
##	19	LAYING	0.2727
##	19	SITTING	0.2738
##	19	STANDING	0.2782
##	19	WALKING	0.2739
##	19	WALKING_DOWNSTAIRS	0.2627
##	19	WALKING_UPSTAIRS	0.2421
##	20	LAYING	0.2395
##	20	SITTING	0.278
##	20	STANDING	0.2781
##	20	WALKING	0.2726
##	20	WALKING_DOWNSTAIRS	0.2961
##	20	WALKING_UPSTAIRS	0.2521
##	21	LAYING	0.2713
##	21	SITTING	0.2775
##	21	STANDING	0.277
##	21	WALKING	0.2792
##	21	WALKING_DOWNSTAIRS	0.3015
##	21	WALKING_UPSTAIRS	0.2652
##	22	LAYING	0.28
##	22	SITTING	0.2736
##	22	STANDING	0.2791
##	22	WALKING	0.2789
##	22	WALKING_DOWNSTAIRS	0.2845
##	22	WALKING_UPSTAIRS	0.2484
##	23	LAYING	0.274
##	23	SITTING	0.2734
##	23	STANDING	0.2779
##	23	WALKING	0.2732
##	23	WALKING_DOWNSTAIRS	0.2899
##	23	WALKING_UPSTAIRS	0.25
##	24	LAYING	0.2729
##	24	SITTING	0.2735
##	24	STANDING	0.2803
##	24	WALKING	0.277
##	24	WALKING_DOWNSTAIRS	0.2886
##	24	WALKING_UPSTAIRS	0.2699
##	25	LAYING	0.2508
##	25	SITTING	0.2785
##	25	STANDING	0.278

##		25		WALKING		0.279	
##		25		WALKING_DOWNSTAIRS		0.2913	
##		25		WALKING_UPSTAIRS		0.278	
##		26		LAYING		0.2716	
##		26		SITTING		0.2582	
##		26		STANDING		0.2811	
##		26		WALKING		0.2793	
##		26		WALKING_DOWNSTAIRS		0.2793	
##		26		WALKING_UPSTAIRS		0.2727	
##		27		LAYING		0.2741	
##		27		SITTING		0.2739	
##		27		STANDING		0.2796	
##		27		WALKING		0.2768	
##		27		WALKING_DOWNSTAIRS		0.2975	
##		27		WALKING_UPSTAIRS		0.2658	
##		28		LAYING		0.2759	
##		28		SITTING		0.277	
##		28		STANDING		0.2778	
##		28		WALKING		0.2812	
##		28		WALKING_DOWNSTAIRS		0.2936	
##		28		WALKING_UPSTAIRS		0.262	
##		29		LAYING		0.2873	
##		29		SITTING		0.2772	
##		29		STANDING		0.278	
##		29		WALKING		0.272	
##		29		WALKING_DOWNSTAIRS		0.2931	
##		29		WALKING_UPSTAIRS		0.2654	
##		30		LAYING		0.281	
##		30		SITTING		0.2683	
##		30		STANDING		0.2771	
##		30		WALKING		0.2764	
##		30		WALKING_DOWNSTAIRS		0.2832	
##		30		WALKING_UPSTAIRS		0.2714	

Table: Independent Tidy Dataset (continued below)

##		body acceleration mean-Y		body acceleration mean-Z	
##		:-----:		:-----:	
##		-0.04051		-0.1132	
##		-0.001308		-0.1045	
##		-0.01614		-0.1106	
##		-0.01738		-0.1111	
##		-0.009919		-0.1076	
##		-0.02395		-0.0973	
##		-0.01816		-0.1072	
##		-0.01569		-0.1092	
##		-0.01842		-0.1059	
##		-0.01859		-0.1055	
##		-0.02266		-0.1168	
##		-0.02141		-0.1525	
##		-0.01896		-0.1013	
##		-0.003503		-0.09836	

##		-0.01434		-0.1016	
##		-0.01718		-0.1127	
##		-0.01936		-0.1161	
##		-0.03241		-0.1101	
##		-0.015		-0.1107	
##		-0.007163		-0.1059	
##		-0.009489		-0.09616	
##		-0.01484		-0.1114	
##		-0.009802		-0.1068	
##		-0.03198		-0.1142	
##		-0.0183		-0.1079	
##		-0.009901		-0.1085	
##		-0.007004		-0.1022	
##		-0.01729		-0.1077	
##		-0.008501		-0.1003	
##		-0.03253		-0.1075	
##		-0.01025		-0.1331	
##		-0.01459		-0.1101	
##		-0.01812		-0.1122	
##		-0.0169		-0.1103	
##		-0.01954		-0.1072	
##		-0.02724		-0.1221	
##		-0.02044		-0.1014	
##		-0.01461		-0.1225	
##		-0.01457		-0.09978	
##		-0.01865		-0.1109	
##		-0.01663		-0.09694	
##		-0.02756		-0.1438	
##		-0.02123		-0.1022	
##		-0.006726		-0.1045	
##		-0.01481		-0.1061	
##		-0.01866		-0.1073	
##		-0.02111		-0.1076	
##		-0.02824		-0.1151	
##		-0.02053		-0.1075	
##		-0.02702		-0.07538	
##		-0.02005		-0.09527	
##		-0.01809		-0.1108	
##		-0.0204		-0.09103	
##		-0.01951		-0.1252	
##		-0.02429		-0.1172	
##		-0.01504		-0.1043	
##		-0.01554		-0.108	
##		-0.01702		-0.1091	
##		-0.02001		-0.1108	
##		-0.01439		-0.1182	
##		-0.01766		-0.1088	
##		-0.01492		-0.1128	
##		-0.0172		-0.1087	
##		-0.01665		-0.1061	
##		-0.01781		-0.1111	
##		-0.03032		-0.1068	
##		-0.01752		-0.1082	
##		-0.01579		-0.1063	

##		-0.0169		-0.1055	
##		-0.01556		-0.1032	
##		-0.01808		-0.1096	
##		-0.02636		-0.1073	
##		-0.02044		-0.1043	
##		-0.005877		-0.09725	
##		-0.01679		-0.1121	
##		-0.01857		-0.1114	
##		-0.01437		-0.102	
##		-0.02774		-0.1258	
##		-0.01134		-0.08683	
##		-0.008706		-0.1004	
##		-0.01521		-0.1038	
##		-0.02178		-0.1068	
##		-0.02001		-0.09283	
##		-0.02044		-0.1123	
##		-0.01663		-0.1185	
##		-0.01172		-0.1137	
##		-0.01835		-0.1059	
##		-0.01708		-0.1076	
##		-0.00563		-0.1105	
##		-0.02875		-0.117	
##		-0.01661		-0.1073	
##		-0.01025		-0.08914	
##		-0.0166		-0.1037	
##		-0.02043		-0.1088	
##		-0.01839		-0.1199	
##		-0.01437		-0.1241	
##		-0.01685		-0.107	
##		-0.01416		-0.1136	
##		-0.01741		-0.1114	
##		-0.01849		-0.1098	
##		-0.01674		-0.08924	
##		-0.02286		-0.1213	
##		-0.01739		-0.1077	
##		-0.01287		-0.1119	
##		-0.01664		-0.1085	
##		-0.0178		-0.1042	
##		-0.01687		-0.1034	
##		-0.02221		-0.1127	
##		-0.01714		-0.109	
##		-0.01674		-0.1087	
##		-0.01542		-0.109	
##		-0.01918		-0.1227	
##		-0.01459		-0.1337	
##		-0.0304		-0.1511	
##		-0.01444		-0.1043	
##		-0.01472		-0.1084	
##		-0.01807		-0.1004	
##		-0.0212		-0.1135	
##		-0.009641		-0.1046	
##		-0.02823		-0.121	
##		-0.01842		-0.1033	
##		-0.0144		-0.1121	

##		-0.01671		-0.1104	
##		-0.01816		-0.1043	
##		-0.01732		-0.09817	
##		-0.02372		-0.1254	
##		-0.01426		-0.1108	
##		-0.01235		-0.1058	
##		-0.01586		-0.105	
##		-0.01672		-0.1071	
##		-0.0198		-0.1074	
##		-0.02686		-0.1176	
##		-0.02166		-0.1043	
##		-0.01339		-0.1038	
##		-0.01775		-0.1106	
##		-0.01836		-0.1134	
##		-0.01621		-0.09881	
##		-0.03238		-0.1269	
##		-0.01736		-0.1072	
##		-0.01313		-0.103	
##		-0.01448		-0.1082	
##		-0.02254		-0.1106	
##		-0.01457		-0.1048	
##		-0.0252		-0.1142	
##		-0.01889		-0.1004	
##		-0.01477		-0.1092	
##		-0.01636		-0.1074	
##		-0.01865		-0.1087	
##		-0.02102		-0.1072	
##		-0.02699		-0.1262	
##		-0.01919		-0.105	
##		-0.007134		-0.09744	
##		-0.01666		-0.1102	
##		-0.01543		-0.1089	
##		-0.01263		-0.1064	
##		-0.02816		-0.1219	
##		-0.01799		-0.1077	
##		-0.01553		-0.1055	
##		-0.01659		-0.1078	
##		-0.01665		-0.1128	
##		-0.01356		-0.1128	
##		-0.0201		-0.1235	
##		-0.01675		-0.1083	
##		-0.01854		-0.1115	
##		-0.01726		-0.1066	
##		-0.01568		-0.1037	
##		-0.02202		-0.1086	
##		-0.02794		-0.1215	
##		-0.0172		-0.1095	
##		-0.01663		-0.1104	
##		-0.01726		-0.1087	
##		-0.01629		-0.1066	
##		-0.01494		-0.09813	
##		-0.02995		-0.118	
##		-0.01945		-0.1037	
##		-0.008047		-0.09952	

##		-0.01702		-0.1088	
##		-0.01759		-0.09862	
##		-0.01744		-0.09998	
##		-0.02533		-0.1247	

##

Table: Table continues below

##

##

##

##		body acceleration std dev-X		body acceleration std dev-Y	
##		:-----:		:-----:	
##		-0.9281		-0.8368	
##		-0.9772		-0.9226	
##		-0.9958		-0.9732	
##		-0.2837		0.1145	
##		0.03004		-0.03194	
##		-0.3547		-0.00232	
##		-0.9741		-0.9803	
##		-0.9868		-0.9507	
##		-0.9873		-0.9573	
##		-0.4236		-0.07809	
##		0.04637		0.2629	
##		-0.3044		0.108	
##		-0.9828		-0.9621	
##		-0.971		-0.8566	
##		-0.9667		-0.8934	
##		-0.3604		-0.06991	
##		-0.05741		-0.03315	
##		-0.3131		0.01163	
##		-0.9542		-0.9417	
##		-0.9803		-0.8902	
##		-0.9769		-0.8616	
##		-0.4408		-0.07883	
##		0.01119		-0.2186	
##		-0.2049		-0.06669	
##		-0.9659		-0.9693	
##		-0.9809		-0.9043	
##		-0.9686		-0.8694	
##		-0.2941		0.07675	
##		0.275		0.09076	
##		-0.04572		0.185	
##		-0.934		-0.9246	
##		-0.9802		-0.9237	
##		-0.9818		-0.9215	
##		-0.2965		0.1642	
##		0.3837		0.3602	
##		-0.05014		0.1893	
##		-0.9365		-0.9263	
##		-0.9727		-0.9095	
##		-0.9793		-0.9234	
##		-0.3272		-0.07726	
##		0.06608		-0.1382	
##		-0.2949		-0.3262	
##		-0.943		-0.9349	

##	-0.979	-0.9273
##	-0.9888	-0.9385
##	-0.1736	0.3808
##	0.02414	0.3438
##	-0.1717	0.3488
##	-0.9423	-0.9163
##	-0.9572	-0.8751
##	-0.9757	-0.9386
##	-0.2384	-0.2017
##	0.2134	-0.2083
##	-0.3614	-0.3022
##	-0.9683	-0.9465
##	-0.9829	-0.918
##	-0.9784	-0.9196
##	-0.1787	-0.02274
##	0.2957	0.004079
##	-0.1616	-0.005553
##	-0.9848	-0.9722
##	-0.9828	-0.9214
##	-0.995	-0.9642
##	-0.4228	-0.05221
##	0.1425	0.07081
##	-0.2388	-0.1032
##	-0.9553	-0.9491
##	-0.9826	-0.9286
##	-0.9812	-0.9231
##	-0.1289	-0.1228
##	0.04241	0.1108
##	-0.2901	-0.1038
##	-0.9689	-0.9509
##	-0.9895	-0.939
##	-0.991	-0.9494
##	-0.347	0.1419
##	-0.06816	-0.03213
##	-0.2963	0.1045
##	-0.9175	-0.9097
##	-0.9763	-0.9149
##	-0.9733	-0.9285
##	-0.4026	-0.05361
##	0.01783	0.3789
##	-0.3094	0.3072
##	-0.9723	-0.9628
##	-0.9871	-0.9224
##	-0.9889	-0.9319
##	-0.328	0.1389
##	0.4065	0.1865
##	-0.0261	-0.004065
##	-0.9737	-0.9431
##	-0.9868	-0.9516
##	-0.9891	-0.9603
##	-0.4047	-0.3146
##	0.2073	-0.147
##	-0.3971	-0.1637
##	-0.973	-0.9448

##		-0.9944		-0.9619	
##		-0.9912		-0.9682	
##		-0.3195		-0.01758	
##		0.1877		-0.06079	
##		-0.06295		-0.01317	
##		-0.9845		-0.9862	
##		-0.9943		-0.9749	
##		-0.992		-0.9542	
##		-0.376		-0.227	
##		-0.3026		-0.2542	
##		-0.3802		-0.2112	
##		-0.965		-0.9734	
##		-0.9764		-0.9504	
##		-0.9899		-0.9444	
##		-0.0489		0.1818	
##		0.6269		0.5148	
##		-0.1287		0.1763	
##		-0.9622		-0.9641	
##		-0.9831		-0.9361	
##		-0.9672		-0.8754	
##		-0.2083		0.4898	
##		0.07451		0.6169	
##		-0.1161		0.1522	
##		-0.955		-0.957	
##		-0.9918		-0.9669	
##		-0.9814		-0.9436	
##		-0.2978		0.05409	
##		0.2243		0.3013	
##		-0.2408		0.1098	
##		-0.9477		-0.9133	
##		-0.9785		-0.9281	
##		-0.985		-0.9227	
##		-0.008659		0.1004	
##		0.3486		0.2398	
##		0.08357		0.2501	
##		-0.9568		-0.9763	
##		-0.9876		-0.9349	
##		-0.9854		-0.9584	
##		-0.3135		-0.119	
##		0.04414		0.1083	
##		-0.2439		0.04484	
##		-0.968		-0.9831	
##		-0.9906		-0.9563	
##		-0.9873		-0.9369	
##		-0.4708		-0.1541	
##		-0.08273		-0.1026	
##		-0.3444		-0.1168	
##		-0.9091		-0.6918	
##		-0.9919		-0.9475	
##		-0.992		-0.9546	
##		-0.596		-0.1619	
##		-0.2538		-0.1405	
##		-0.4598		-0.2231	
##		-0.9694		-0.9832	

##	-0.9798	-0.9408
##	-0.9931	-0.9495
##	-0.3402	-0.1364
##	0.174	-0.01163
##	-0.169	-0.04917
##	-0.9785	-0.9837
##	-0.9886	-0.9716
##	-0.992	-0.9552
##	-0.3485	-0.1873
##	0.1674	-0.09797
##	-0.2954	-0.09501
##	-0.9689	-0.9454
##	-0.9833	-0.9399
##	-0.9777	-0.8757
##	-0.293	-0.1179
##	0.1257	0.1565
##	-0.2421	-0.1468
##	-0.9842	-0.9902
##	-0.9907	-0.9632
##	-0.9961	-0.9693
##	-0.1743	-0.09175
##	0.1674	-0.1225
##	-0.08677	-0.1221
##	-0.9764	-0.9542
##	-0.9836	-0.9379
##	-0.9776	-0.8917
##	-0.3464	-0.1736
##	-0.05777	-0.02726
##	-0.3505	-0.1273

##

Table: Table continues below

##

##

##

##	body acceleration std dev-Z	body acceleration jerk mean-X
##	-0.8261	0.08109
##	-0.9396	0.07748
##	-0.9798	0.07538
##	-0.26	0.07404
##	-0.2304	0.05416
##	-0.01948	0.1014
##	-0.9842	0.0826
##	-0.9598	0.07226
##	-0.9497	0.07476
##	-0.4253	0.06181
##	-0.1028	0.11
##	-0.1121	0.07445
##	-0.9637	0.07698
##	-0.8751	0.07261
##	-0.9114	0.07509
##	-0.3874	0.08147
##	-0.3622	0.07257
##	-0.3698	0.04269

##		-0.9627		0.09345	
##		-0.9322		0.07845	
##		-0.8969		0.07213	
##		-0.5863		0.07835	
##		-0.4792		0.09719	
##		-0.3721		0.0561	
##		-0.9686		0.08482	
##		-0.9261		0.07496	
##		-0.8693		0.07252	
##		-0.457		0.08459	
##		-0.3259		0.1097	
##		-0.3089		0.07954	
##		-0.9252		0.09635	
##		-0.9258		0.07547	
##		-0.9257		0.07307	
##		-0.5043		0.06996	
##		-0.3202		0.1037	
##		-0.3535		0.07211	
##		-0.953		0.09689	
##		-0.8565		0.06685	
##		-0.9171		0.07519	
##		0.1596		0.09015	
##		-0.06364		0.09689	
##		-0.1457		0.07246	
##		-0.9325		0.08783	
##		-0.9396		0.07867	
##		-0.9261		0.07537	
##		-0.1421		0.07034	
##		0.1337		0.1189	
##		0.1212		0.08138	
##		-0.9407		0.08807	
##		-0.832		0.07701	
##		-0.9193		0.076	
##		-0.05796		0.07044	
##		-0.007715		0.1302	
##		-0.2534		0.06923	
##		-0.9595		0.07382	
##		-0.9678		0.07754	
##		-0.9413		0.08098	
##		-0.3956		0.08579	
##		-0.1836		0.101	
##		-0.07387		0.06488	
##		-0.9713		0.07666	
##		-0.9684		0.07618	
##		-0.9864		0.07601	
##		-0.5306		0.08297	
##		-0.324		0.08972	
##		-0.2034		0.09686	
##		-0.9483		0.08543	
##		-0.9397		0.07713	
##		-0.9207		0.07446	
##		-0.4106		0.04576	
##		-0.425		0.06215	
##		-0.4367		0.07287	

##		-0.9504		0.07678	
##		-0.9386		0.07529	
##		-0.9675		0.07586	
##		-0.2205		0.08096	
##		-0.1583		0.1017	
##		-0.2172		0.06924	
##		-0.9003		0.09814	
##		-0.9228		0.07419	
##		-0.9223		0.07379	
##		0.05188		0.07209	
##		0.4516		0.04286	
##		0.609		0.08033	
##		-0.9296		0.07675	
##		-0.9493		0.07848	
##		-0.9517		0.07523	
##		-0.5189		0.08978	
##		-0.282		0.07115	
##		-0.3797		0.07297	
##		-0.9655		0.0784	
##		-0.9397		0.07343	
##		-0.9535		0.07364	
##		-0.1598		0.07702	
##		0.01144		0.09079	
##		-0.1293		0.07625	
##		-0.9535		0.07791	
##		-0.9657		0.07507	
##		-0.9705		0.07409	
##		-0.2658		0.07732	
##		-0.2311		0.1183	
##		-0.2302		0.0768	
##		-0.9877		0.075	
##		-0.9776		0.07662	
##		-0.9619		0.07535	
##		-0.4283		0.07675	
##		-0.4186		0.0809	
##		-0.3144		0.08124	
##		-0.9847		0.07723	
##		-0.9519		0.07537	
##		-0.9526		0.07541	
##		-0.1395		0.08222	
##		0.04932		0.07309	
##		-0.1905		0.08315	
##		-0.9726		0.08927	
##		-0.9291		0.07466	
##		-0.9131		0.07636	
##		-0.2287		0.08412	
##		-0.1609		0.0695	
##		-0.2292		0.08365	
##		-0.9457		0.08202	
##		-0.9596		0.07571	
##		-0.9461		0.07545	
##		-0.1687		0.07823	
##		-0.07179		0.09015	
##		-0.2197		0.104	

##		-0.9429		0.07522	
##		-0.9176		0.08077	
##		-0.9422		0.07523	
##		-0.2134		0.06278	
##		-0.3257		0.1016	
##		-0.1096		0.08772	
##		-0.9732		0.08318	
##		-0.9056		0.077	
##		-0.9294		0.07502	
##		0.1642		0.09873	
##		0.2299		0.0578	
##		0.1008		0.07236	
##		-0.9736		0.08072	
##		-0.9571		0.07633	
##		-0.9303		0.07462	
##		-0.2888		0.07319	
##		-0.2056		0.08026	
##		-0.2556		0.08623	
##		-0.7173		0.08791	
##		-0.9651		0.07521	
##		-0.9646		0.07523	
##		-0.4371		0.07217	
##		-0.458		0.1107	
##		-0.2965		0.074	
##		-0.9845		0.08665	
##		-0.95		0.07644	
##		-0.963		0.07536	
##		-0.3335		0.06523	
##		-0.2848		0.1115	
##		-0.4046		0.07556	
##		-0.9866		0.07663	
##		-0.9659		0.0779	
##		-0.9624		0.07497	
##		-0.2973		0.06843	
##		-0.24		0.09363	
##		-0.2307		0.07348	
##		-0.9565		0.07808	
##		-0.9367		0.07687	
##		-0.9051		0.07531	
##		-0.3009		0.09311	
##		-0.341		0.09727	
##		-0.286		0.07068	
##		-0.9873		0.07189	
##		-0.9681		0.07454	
##		-0.9802		0.07531	
##		-0.2428		0.08537	
##		-0.2232		0.06369	
##		0.09954		0.1063	
##		-0.967		0.07522	
##		-0.9507		0.07601	
##		-0.9129		0.07524	
##		-0.1205		0.06887	
##		-0.2173		0.08839	
##		0.02495		0.05798	

```

##
## Table: Table continues below
##
##
##
## | body acceleration jerk mean-Y | body acceleration jerk mean-Z |
## | :-----: | :-----: |
## | 0.003838 | 0.01083 |
## | -0.0006191 | -0.003368 |
## | 0.007976 | -0.003685 |
## | 0.02827 | -0.004168 |
## | 0.02965 | -0.01097 |
## | 0.01949 | -0.04556 |
## | 0.01225 | -0.001803 |
## | 0.0117 | 0.007605 |
## | 0.01033 | -0.008372 |
## | 0.01825 | 0.007895 |
## | -0.00328 | -0.02094 |
## | -0.00971 | 0.01948 |
## | 0.0138 | -0.004356 |
## | 0.002725 | -0.004233 |
## | 0.007717 | -0.008072 |
## | 0.01006 | -0.005623 |
## | 0.01097 | -0.002027 |
## | 0.03972 | 0.02082 |
## | 0.006933 | -0.006411 |
## | -0.01086 | -0.01215 |
## | -0.00653 | -0.02119 |
## | 0.002956 | -0.0007677 |
## | 0.005638 | -0.007291 |
## | 0.0234 | 0.003403 |
## | 0.007475 | -0.003041 |
## | -0.002788 | 0.003386 |
## | -0.00222 | -0.01228 |
## | -0.01632 | 8.322e-05 |
## | 0.01376 | 0.02134 |
## | 0.01401 | -0.02559 |
## | -0.001145 | 0.003288 |
## | 2.556e-06 | 0.006237 |
## | 0.008719 | -0.004817 |
## | -0.01648 | -0.007389 |
## | 0.009877 | -0.009325 |
## | 0.003713 | -0.002378 |
## | 0.02506 | -0.01317 |
## | 0.01169 | 0.0162 |
## | 0.006947 | -0.01084 |
## | 0.01843 | -0.02104 |
## | -0.01911 | -0.01604 |
## | -0.0008124 | -7.452e-05 |
## | 0.02333 | -0.01692 |
## | -0.006575 | -0.01068 |
## | 0.00815 | 0.003222 |
## | -0.006039 | -0.0006738 |
## | -0.03802 | -0.03944 |

```

##		0.01412		-0.06746	
##		0.01156		-0.007054	
##		0.009817		-0.008675	
##		0.01307		-0.004701	
##		0.02123		0.004148	
##		-0.02069		0.002626	
##		0.001266		0.00766	
##		0.0157		0.007167	
##		0.008979		-0.004996	
##		0.0119		-0.004858	
##		0.004082		-0.0163	
##		0.01078		0.0001526	
##		0.02663		-0.05134	
##		0.01222		0.002777	
##		-0.0002138		0.008334	
##		0.01241		-0.0007459	
##		0.01277		-0.01336	
##		0.02523		-0.02252	
##		-0.01326		-0.01515	
##		0.007744		-0.004371	
##		0.0106		-0.002046	
##		0.01005		-0.007881	
##		0.01978		0.005026	
##		-0.01193		0.004853	
##		-0.006895		0.009067	
##		0.01834		-0.009884	
##		-0.001123		-0.02324	
##		0.00762		-0.000705	
##		0.003084		0.005972	
##		-0.007519		-0.0253	
##		-0.00128		-0.02541	
##		-0.008315		-0.03236	
##		-0.004362		-0.01057	
##		0.005796		-0.007208	
##		0.02412		0.01997	
##		0.02913		0.0105	
##		-0.01831		0.003442	
##		0.0124		-0.004439	
##		-0.008984		-0.002372	
##		0.006173		-0.006587	
##		0.008906		0.0006587	
##		0.01512		-0.01002	
##		-0.004174		-0.005259	
##		0.01328		-0.001541	
##		0.009856		-0.0115	
##		0.01208		-0.004763	
##		0.009684		0.003608	
##		-0.01481		-0.02931	
##		0.01737		0.03805	
##		0.007069		-0.0001435	
##		0.00561		-0.001554	
##		0.006579		-0.004036	
##		0.01301		0.02438	
##		-0.01138		-0.009398	

##		0.03084		0.007595	
##		0.0117		-0.001213	
##		0.006946		0.002788	
##		0.01047		-0.001816	
##		0.02827		0.01069	
##		-0.0007571		-0.01418	
##		0.02117		0.009359	
##		0.01115		-0.0009887	
##		0.01379		0.001731	
##		0.009913		0.001292	
##		0.01441		-0.03275	
##		-0.03869		-0.009552	
##		0.05682		0.03167	
##		0.001108		-0.003099	
##		0.005974		0.001601	
##		0.01169		-0.006137	
##		-0.02106		0.006345	
##		0.004364		-0.002535	
##		0.0066		-0.02454	
##		0.01199		-0.01391	
##		0.0121		-0.0001754	
##		0.01006		-0.003321	
##		0.002352		-0.01018	
##		-0.0214		-0.01256	
##		-0.01563		-0.03601	
##		0.004598		-0.004674	
##		-0.0008427		-0.01269	
##		0.01073		-0.006263	
##		0.03567		0.004437	
##		0.02111		0.01125	
##		0.03671		-0.03362	
##		0.01535		-0.006282	
##		0.01014		-0.001488	
##		0.01059		-0.005293	
##		0.0149		-0.001908	
##		0.0375		-0.0009827	
##		0.03999		0.01592	
##		0.01198		-0.005892	
##		0.004767		-0.001133	
##		0.01098		-0.003588	
##		0.01213		-0.01164	
##		-0.004473		-0.008469	
##		-0.01508		-0.01324	
##		0.02846		-0.03072	
##		0.004854		0.002108	
##		0.006632		-0.006228	
##		0.003511		-0.003351	
##		-0.01954		-0.01133	
##		0.009255		-0.01169	
##		0.01244		-0.006148	
##		0.006922		-0.007802	
##		0.008173		-0.002195	
##		0.01967		-0.006183	
##		-0.007132		-0.01189	

##		0.002092		-0.01171	
##		0.01265		-0.0006855	
##		0.004671		-0.006113	
##		0.01224		-0.00138	
##		0.001612		-0.02075	
##		0.01599		-0.00985	
##		-0.01402		0.006747	
##		0.00594		0.00601	
##		0.01483		0.0002579	
##		0.009074		-0.002678	
##		0.02265		-0.007629	
##		0.01435		0.00124	
##		0.0223		0.007491	
##		0.01169		0.002415	
##		0.005985		0.003168	
##		0.01151		0.0003329	
##		0.02239		0.009415	
##		0.000621		-0.01406	
##		-0.000689		-0.02907	
##		0.01077		-0.0003742	
##		0.009757		-0.002782	
##		0.01209		0.001908	
##		0.02197		-0.007395	
##		-0.007561		-0.01183	
##		-0.003587		0.01615	

##

Table: Table continues below

##

##

##

##		body acceleration jerk std dev-X		body acceleration jerk std dev-Y	
##		:-----:		:-----:	
##		-0.9585		-0.9241	
##		-0.9864		-0.9814	
##		-0.9946		-0.9856	
##		-0.1136		0.067	
##		-0.01228		-0.1016	
##		-0.4468		-0.3783	
##		-0.9859		-0.9832	
##		-0.9881		-0.978	
##		-0.9811		-0.9711	
##		-0.2775		-0.0166	
##		0.1472		0.1268	
##		-0.2761		-0.1856	
##		-0.9809		-0.9687	
##		-0.9745		-0.9536	
##		-0.9571		-0.9417	
##		-0.2687		-0.04496	
##		-0.0858		-0.1114	
##		-0.4584		-0.2517	
##		-0.9783		-0.9422	
##		-0.9767		-0.9446	
##		-0.9726		-0.9384	
##		-0.297		-0.2212	

##		-0.1458		-0.1462	
##		-0.3805		-0.2815	
##		-0.9833		-0.9646	
##		-0.9752		-0.9528	
##		-0.9626		-0.9312	
##		-0.3029		-0.09104	
##		0.03224		0.04736	
##		-0.2239		-0.125	
##		-0.9663		-0.9337	
##		-0.9699		-0.9451	
##		-0.9731		-0.9494	
##		-0.1328		0.008089	
##		0.1653		0.2765	
##		-0.1803		-0.0414	
##		-0.981		-0.9731	
##		-0.9822		-0.9695	
##		-0.9764		-0.9658	
##		-0.346		-0.05474	
##		0.0285		-0.2963	
##		-0.4152		-0.5199	
##		-0.9733		-0.9765	
##		-0.9852		-0.9808	
##		-0.9892		-0.9764	
##		-0.2587		0.234	
##		0.2501		0.2881	
##		-0.1866		-0.01235	
##		-0.9647		-0.964	
##		-0.9645		-0.9568	
##		-0.97		-0.9638	
##		-0.2067		-0.2769	
##		0.01762		-0.3094	
##		-0.3353		-0.5861	
##		-0.978		-0.9669	
##		-0.9889		-0.9808	
##		-0.9643		-0.9413	
##		-0.0522		0.07508	
##		0.2233		-0.105	
##		-0.1872		-0.1778	
##		-0.9853		-0.9728	
##		-0.9803		-0.9668	
##		-0.9925		-0.9794	
##		-0.4285		-0.1814	
##		-0.08342		-0.1268	
##		-0.453		-0.4281	
##		-0.9693		-0.9626	
##		-0.9765		-0.964	
##		-0.9724		-0.9532	
##		-0.01351		-0.0894	
##		0.006319		0.06292	
##		-0.3599		-0.3113	
##		-0.9854		-0.9802	
##		-0.9928		-0.9843	
##		-0.9876		-0.9777	
##		-0.2209		0.05655	

##		-0.07409		-0.149	
##		-0.4873		-0.3233	
##		-0.9715		-0.9681	
##		-0.9809		-0.9678	
##		-0.9782		-0.9664	
##		-0.4545		-0.3443	
##		0.01296		0.1928	
##		-0.3688		-0.3364	
##		-0.9817		-0.9709	
##		-0.9882		-0.9781	
##		-0.9855		-0.9677	
##		-0.3732		-0.03193	
##		0.1346		0.01581	
##		-0.1869		-0.3119	
##		-0.9884		-0.9849	
##		-0.9909		-0.9818	
##		-0.991		-0.9826	
##		-0.3962		-0.4256	
##		-0.1012		-0.2617	
##		-0.5211		-0.4256	
##		-0.9815		-0.977	
##		-0.9943		-0.9886	
##		-0.9921		-0.9867	
##		-0.3555		-0.09354	
##		-0.1034		-0.3041	
##		-0.2927		-0.3498	
##		-0.9859		-0.9856	
##		-0.9916		-0.984	
##		-0.9894		-0.9753	
##		-0.3681		-0.3202	
##		-0.3872		-0.447	
##		-0.5632		-0.5679	
##		-0.9836		-0.9745	
##		-0.987		-0.9793	
##		-0.9848		-0.9705	
##		0.1103		0.08093	
##		0.5443		0.3553	
##		-0.1743		-0.01289	
##		-0.9843		-0.977	
##		-0.9821		-0.9709	
##		-0.9595		-0.9356	
##		-0.09065		0.2443	
##		-0.1357		0.2897	
##		-0.1857		-0.2608	
##		-0.9848		-0.9716	
##		-0.9894		-0.979	
##		-0.9771		-0.9639	
##		-0.1149		-0.03471	
##		0.002147		-0.0796	
##		-0.4241		-0.2032	
##		-0.9704		-0.9552	
##		-0.9817		-0.9648	
##		-0.9756		-0.9523	
##		0.03588		0.2255	

##		0.08691		0.01986	
##		-0.00854		-0.05758	
##		-0.9864		-0.9886	
##		-0.9846		-0.978	
##		-0.9831		-0.9752	
##		-0.2293		-0.0805	
##		0.1989		-0.08833	
##		-0.3654		-0.3282	
##		-0.9864		-0.9824	
##		-0.9886		-0.9796	
##		-0.9806		-0.9677	
##		-0.4859		-0.3022	
##		-0.3372		-0.1693	
##		-0.4988		-0.5152	
##		-0.9733		-0.9457	
##		-0.9923		-0.9829	
##		-0.9883		-0.9723	
##		-0.6076		-0.3826	
##		-0.502		-0.3717	
##		-0.6636		-0.6271	
##		-0.9893		-0.9872	
##		-0.9923		-0.9862	
##		-0.9905		-0.9759	
##		-0.3285		-0.2619	
##		-0.1281		-0.0864	
##		-0.2909		-0.3998	
##		-0.9865		-0.9852	
##		-0.9907		-0.9851	
##		-0.9876		-0.9758	
##		-0.3162		-0.1041	
##		-0.003583		-0.1385	
##		-0.4681		-0.4268	
##		-0.9802		-0.9787	
##		-0.9763		-0.9622	
##		-0.9686		-0.9338	
##		-0.3357		-0.2201	
##		-0.01677		0.02655	
##		-0.3127		-0.3316	
##		-0.992		-0.9895	
##		-0.9935		-0.9841	
##		-0.9937		-0.9833	
##		-0.2214		-0.08717	
##		-0.02395		-0.07734	
##		-0.1824		-0.3886	
##		-0.9775		-0.971	
##		-0.9889		-0.9804	
##		-0.9684		-0.9573	
##		-0.3744		-0.2707	
##		-0.2266		-0.1947	
##		-0.5354		-0.5872	

##

Table: Table continues below

##

##

##	body acceleration jerk std dev-Z	body gyro mean-X
##	-0.9549	-0.01655
##	-0.9879	-0.04535
##	-0.9923	-0.02399
##	-0.5027	-0.04183
##	-0.3457	-0.03508
##	-0.7066	0.05055
##	-0.9884	-0.01848
##	-0.9875	-0.04547
##	-0.9828	-0.02386
##	-0.5861	-0.05303
##	-0.3401	-0.1159
##	-0.5737	-0.05769
##	-0.9821	-0.02082
##	-0.9747	-0.03854
##	-0.9731	-0.02466
##	-0.5295	-0.02564
##	-0.5717	-0.1316
##	-0.7086	0.0722
##	-0.9785	-0.009232
##	-0.979	-0.04944
##	-0.9731	-0.03064
##	-0.7514	-0.0318
##	-0.6266	-0.1028
##	-0.7265	0.03938
##	-0.9854	-0.02189
##	-0.9734	-0.04224
##	-0.9638	-0.03227
##	-0.6129	-0.04889
##	-0.5227	-0.06829
##	-0.6384	0.03952
##	-0.9596	-0.007961
##	-0.9586	-0.03724
##	-0.9675	-0.02825
##	-0.5758	-0.02551
##	-0.3368	-0.09608
##	-0.5608	-0.07674
##	-0.973	-0.002826
##	-0.9723	-0.04964
##	-0.9721	-0.02916
##	-0.1495	0.002288
##	-0.3471	-0.1054
##	-0.6078	-0.1388
##	-0.9661	0.005354
##	-0.9853	-0.05474
##	-0.9826	-0.02197
##	-0.3832	0.02351
##	-0.01351	-0.1212
##	-0.4475	0.1927
##	-0.9586	-0.01363
##	-0.9619	-0.04233
##	-0.9706	-0.02918

##		-0.4098		-0.08084	
##		-0.3595		-0.09164	
##		-0.6473		-0.164	
##		-0.9763		-0.01956	
##		-0.9883		-0.04324	
##		-0.9764		-0.02819	
##		-0.5117		0.01069	
##		-0.3182		-0.1248	
##		-0.6075		0.07334	
##		-0.9821		-0.01917	
##		-0.9834		-0.04	
##		-0.9901		-0.02931	
##		-0.7207		-0.04269	
##		-0.5797		-0.1251	
##		-0.7854		-0.08209	
##		-0.9706		-0.01465	
##		-0.9791		-0.04242	
##		-0.9756		-0.03	
##		-0.5123		-0.1045	
##		-0.4987		-0.1125	
##		-0.7193		-0.09312	
##		-0.9831		-0.009736	
##		-0.9876		-0.03551	
##		-0.9869		-0.02955	
##		-0.3746		-0.01742	
##		-0.317		-0.1227	
##		-0.6609		-0.1383	
##		-0.9724		0.005052	
##		-0.9761		-0.04404	
##		-0.9708		-0.02209	
##		-0.4728		-0.003477	
##		-0.1336		-0.01471	
##		-0.3279		0.08138	
##		-0.9784		-0.01683	
##		-0.987		-0.03771	
##		-0.9853		-0.02624	
##		-0.6863		-0.05549	
##		-0.404		-0.1366	
##		-0.7488		0.09033	
##		-0.9876		-0.01615	
##		-0.9835		-0.0412	
##		-0.9881		-0.02993	
##		-0.4403		-0.01517	
##		-0.3034		-0.02254	
##		-0.5934		0.07184	
##		-0.9828		-0.02348	
##		-0.9905		-0.04255	
##		-0.9912		-0.02696	
##		-0.5343		-0.009223	
##		-0.5363		0.06777	
##		-0.6574		-0.03043	
##		-0.9907		-0.02518	
##		-0.9902		-0.03331	
##		-0.9885		-0.02659	

##	-0.6333	-0.03994
##	-0.6512	-0.05765
##	-0.7608	-0.04707
##	-0.9883	-0.03121
##	-0.9867	-0.02142
##	-0.9861	-0.02509
##	-0.1794	-0.0275
##	-0.02001	-0.2058
##	-0.4443	0.03885
##	-0.985	-0.02318
##	-0.9765	-0.03641
##	-0.9589	-0.02413
##	-0.3877	-0.02341
##	-0.3815	-0.1114
##	-0.5136	0.06592
##	-0.984	-0.03051
##	-0.9858	-0.01987
##	-0.9779	-0.01917
##	-0.4251	-0.04593
##	-0.2461	-0.1264
##	-0.5621	0.06261
##	-0.9745	-0.02083
##	-0.9789	-0.03604
##	-0.9815	-0.02752
##	-0.3132	0.0007772
##	-0.4778	-0.07796
##	-0.4717	0.135
##	-0.9847	-0.01134
##	-0.976	-0.04726
##	-0.9736	-0.03274
##	-0.02931	-0.06312
##	0.03102	-0.05782
##	-0.4081	0.09579
##	-0.9831	-0.01437
##	-0.9847	-0.03562
##	-0.9777	-0.02786
##	-0.4912	-0.05451
##	-0.2902	-0.08671
##	-0.5238	0.08832
##	-0.9678	0.003727
##	-0.9884	-0.03521
##	-0.9871	-0.02479
##	-0.6756	-0.01563
##	-0.7115	0.002991
##	-0.8125	0.05561
##	-0.9891	-0.01707
##	-0.99	-0.03702
##	-0.9867	-0.02453
##	-0.3975	-0.003341
##	-0.3793	-0.01075
##	-0.678	-0.0248
##	-0.9897	-0.01954
##	-0.9889	-0.03718
##	-0.9874	-0.02673

##	-0.4012	-0.08559
##	-0.4093	-0.1598
##	-0.6337	-0.09403
##	-0.9731	-0.01737
##	-0.9763	-0.0339
##	-0.9698	-0.02533
##	-0.5375	-0.1059
##	-0.4271	-0.1411
##	-0.6375	-0.1294
##	-0.9933	-0.02583
##	-0.9902	-0.03793
##	-0.9906	-0.02761
##	-0.4618	-0.007957
##	-0.4788	-0.03741
##	-0.6788	0.0932
##	-0.9795	-0.02678
##	-0.9882	-0.03584
##	-0.9689	-0.02761
##	-0.5214	-0.04595
##	-0.4671	-0.07456
##	-0.7619	-0.00356

##

Table: Table continues below

##

##

##

##	body gyro mean-Y	body gyro mean-Z	body gyro std dev-X
##	:-----:	:-----:	:-----:
##	-0.06449	0.1487	-0.8735
##	-0.09192	0.06293	-0.9772
##	-0.0594	0.0748	-0.9872
##	-0.06953	0.08494	-0.4735
##	-0.09094	0.09009	-0.458
##	-0.1662	0.05836	-0.5449
##	-0.1118	0.1449	-0.9883
##	-0.05993	0.04123	-0.9857
##	-0.08204	0.08784	-0.973
##	-0.04824	0.08283	-0.5616
##	-0.004823	0.09717	-0.3208
##	-0.03209	0.06884	-0.4393
##	-0.07185	0.138	-0.9745
##	-0.07524	0.09401	-0.9654
##	-0.05851	0.06653	-0.9005
##	-0.07792	0.08135	-0.5719
##	-0.01394	0.1238	-0.2617
##	-0.1393	0.02156	-0.456
##	-0.09301	0.1697	-0.9731
##	-0.08943	0.1012	-0.9701
##	-0.06182	0.07556	-0.9097
##	-0.07269	0.08057	-0.5009
##	-0.0704	0.05926	-0.3702
##	-0.08595	0.08438	-0.4544
##	-0.07987	0.1599	-0.9795
##	-0.08355	0.08239	-0.9662

##		-0.05099		0.06909		-0.9104	
##		-0.06901		0.08154		-0.4909	
##		-0.07078		0.08066		-0.4606	
##		-0.1172		0.04244		-0.4433	
##		-0.1072		0.1791		-0.9554	
##		-0.08991		0.08543		-0.9574	
##		-0.05898		0.07674		-0.9476	
##		-0.07445		0.08388		-0.446	
##		-0.03418		0.087		-0.1983	
##		-0.0519		0.06642		-0.322	
##		-0.1336		0.1559		-0.9601	
##		-0.03361		0.02595		-0.9419	
##		-0.07743		0.0851		-0.9452	
##		-0.08371		0.06411		-0.5033	
##		-0.04972		0.1169		-0.4077	
##		-0.002472		0.1392		-0.3639	
##		-0.08914		0.1382		-0.9652	
##		-0.09551		0.0716		-0.9845	
##		-0.02801		0.06369		-0.973	
##		-0.09579		0.05097		-0.1992	
##		-0.05008		0.1141		-0.2584	
##		-0.2042		-0.07245		-0.3674	
##		-0.1589		0.1013		-0.9422	
##		-0.04143		0.08079		-0.959	
##		-0.06081		0.09924		-0.922	
##		-0.06256		0.1116		-0.4762	
##		-0.07126		0.1168		-0.3964	
##		-0.04126		0.1457		-0.344	
##		-0.07703		0.1047		-0.9617	
##		-0.068		0.0746		-0.9889	
##		-0.08768		0.1033		-0.9299	
##		-0.08195		0.09867		-0.4142	
##		-0.1067		0.07244		-0.3047	
##		-0.09546		0.08797		-0.3085	
##		-0.04156		0.152		-0.9808	
##		-0.07553		0.07617		-0.9882	
##		-0.07655		0.08106		-0.9802	
##		-0.07051		0.08437		-0.5963	
##		-0.02628		0.05752		-0.3741	
##		-0.05669		0.06381		-0.5013	
##		-0.08355		0.1452		-0.9661	
##		-0.0752		0.07285		-0.9744	
##		-0.07001		0.07426		-0.8837	
##		-0.03443		0.09997		-0.5463	
##		-0.04273		0.08954		-0.3621	
##		-0.04113		0.0898		-0.5267	
##		-0.09663		0.1178		-0.9721	
##		-0.09027		0.08234		-0.9858	
##		-0.07532		0.08547		-0.9556	
##		-0.07985		0.07842		-0.3761	
##		-0.02372		0.1113		-0.417	
##		0.00382		0.1167		-0.5411	
##		-0.1534		0.1491		-0.9572	
##		-0.07135		0.09285		-0.9808	

##		-0.05581		0.07905		-0.9611	
##		-0.08297		0.05132		-0.6004	
##		-0.09453		0.03533		-0.3546	
##		-0.1235		-0.04414		-0.4543	
##		-0.06197		0.1135		-0.9572	
##		-0.08034		0.0952		-0.9882	
##		-0.06596		0.07619		-0.9478	
##		-0.06124		0.08425		-0.3296	
##		-0.03468		0.07118		-0.3187	
##		-0.1547		0.09117		-0.4153	
##		-0.1137		0.09662		-0.977	
##		-0.05745		0.07957		-0.981	
##		-0.06867		0.08673		-0.9734	
##		-0.0696		0.08187		-0.6542	
##		-0.06826		0.08354		-0.4542	
##		-0.04861		-0.007793		-0.5081	
##		-0.09446		0.1114		-0.9759	
##		-0.06692		0.08601		-0.9896	
##		-0.07706		0.08806		-0.9814	
##		-0.08398		0.07571		-0.4798	
##		-0.1235		0.01629		-0.3704	
##		-0.05485		0.05609		-0.4966	
##		-0.08376		0.09378		-0.9929	
##		-0.06858		0.08481		-0.992	
##		-0.07323		0.08432		-0.9623	
##		-0.06137		0.09447		-0.7044	
##		-0.06362		0.09875		-0.5025	
##		-0.05261		0.09067		-0.5938	
##		-0.09526		0.1086		-0.9814	
##		-0.05202		0.0969		-0.9846	
##		-0.06314		0.07105		-0.9461	
##		-0.07516		0.07981		-0.02644	
##		0.02747		0.164		0.2677	
##		-0.1345		-0.0002332		-0.4068	
##		-0.09549		0.1237		-0.9845	
##		-0.06507		0.06429		-0.9763	
##		-0.06983		0.07737		-0.8867	
##		-0.07411		0.08514		-0.2329	
##		0.0139		0.1039		-0.2049	
##		-0.1747		0.0587		-0.4927	
##		-0.1138		0.09809		-0.9754	
##		-0.06531		0.08313		-0.9884	
##		-0.07381		0.08649		-0.9625	
##		-0.05903		0.09837		-0.4322	
##		0.01621		0.1486		-0.4421	
##		-0.1556		-0.005468		-0.5319	
##		-0.09257		0.145		-0.9566	
##		-0.07936		0.08044		-0.9811	
##		-0.06901		0.07335		-0.9178	
##		-0.09609		0.07753		-0.3185	
##		-0.06972		0.05007		-0.2373	
##		-0.1815		0.01574		-0.3015	
##		-0.1051		0.1111		-0.9818	
##		-0.06843		0.06457		-0.9804	

##		-0.06523		0.08169		-0.942	
##		-0.06402		0.1077		-0.4943	
##		-0.08531		0.09536		-0.4161	
##		-0.1116		-0.03256		-0.5507	
##		-0.09555		0.1117		-0.9827	
##		-0.07501		0.08004		-0.9881	
##		-0.06925		0.07712		-0.9607	
##		-0.06584		0.0972		-0.5806	
##		-0.05423		0.112		-0.4319	
##		-0.1059		0.02483		-0.5774	
##		-0.07164		0.1397		-0.8898	
##		-0.0748		0.08528		-0.9899	
##		-0.06989		0.08527		-0.9714	
##		-0.08208		0.08679		-0.4012	
##		-0.1011		0.09808		-0.2888	
##		-0.1094		0.09962		-0.489	
##		-0.09032		0.1524		-0.9903	
##		-0.08406		0.07111		-0.991	
##		-0.07314		0.07767		-0.9738	
##		-0.08415		0.08511		-0.4929	
##		-0.1004		0.08222		-0.3313	
##		-0.06576		0.07215		-0.5503	
##		-0.09578		0.1187		-0.9888	
##		-0.07973		0.08338		-0.9885	
##		-0.06751		0.07168		-0.9699	
##		-0.03653		0.1183		-0.6069	
##		-0.01631		0.1527		-0.3637	
##		0.002125		0.1401		-0.5625	
##		-0.09745		0.09358		-0.9552	
##		-0.06739		0.08703		-0.9797	
##		-0.0739		0.08652		-0.884	
##		-0.01728		0.1161		-0.5038	
##		0.007106		0.1386		-0.2681	
##		0.02123		0.1037		-0.5188	
##		-0.07618		0.1274		-0.9943	
##		-0.07558		0.05805		-0.9902	
##		-0.07211		0.08276		-0.978	
##		-0.08196		0.08569		-0.5989	
##		-0.0851		0.08222		-0.2821	
##		-0.1523		0.08543		-0.3239	
##		-0.07615		0.09385		-0.9737	
##		-0.07435		0.0702		-0.9881	
##		-0.06703		0.08025		-0.9114	
##		-0.06492		0.08396		-0.3879	
##		-0.06931		0.08958		-0.2659	
##		-0.07796		0.08147		-0.4938	
##							
##		Table: Table continues below					
##							
##							
##							
##		body gyro std dev-Y		body gyro std dev-Z		body gyro jerk mean-X	
##		-----:		-----:		-----:	
##		-0.9511		-0.9083		-0.1073	

##		-0.9665		-0.9414		-0.09368	
##		-0.9877		-0.9806		-0.09961	
##		-0.05461		-0.3443		-0.09	
##		-0.1263		-0.1247		-0.07396	
##		0.004105		-0.5072		-0.1222	
##		-0.9823		-0.9603		-0.102	
##		-0.9789		-0.9598		-0.09363	
##		-0.9714		-0.9649		-0.1056	
##		-0.5385		-0.4811		-0.08188	
##		-0.4157		-0.2794		-0.0581	
##		-0.4663		-0.164		-0.08289	
##		-0.9773		-0.9635		-0.1	
##		-0.9449		-0.9264		-0.1036	
##		-0.9278		-0.9124		-0.09946	
##		-0.5638		-0.4767		-0.09524	
##		-0.5467		-0.4423		-0.07787	
##		-0.5827		-0.4923		-0.1155	
##		-0.9611		-0.9621		-0.105	
##		-0.9585		-0.928		-0.09695	
##		-0.9492		-0.91		-0.1031	
##		-0.6654		-0.6626		-0.1153	
##		-0.6995		-0.4985		-0.09213	
##		-0.5512		-0.3608		-0.1315	
##		-0.9774		-0.9606		-0.1021	
##		-0.9501		-0.9406		-0.08897	
##		-0.9337		-0.9075		-0.09222	
##		-0.5046		-0.3187		-0.08884	
##		-0.4091		-0.2279		-0.1101	
##		-0.4403		-0.2655		-0.143	
##		-0.9436		-0.9391		-0.1113	
##		-0.9441		-0.9397		-0.09367	
##		-0.9425		-0.9478		-0.1033	
##		-0.3317		-0.3831		-0.08789	
##		-0.1892		-0.09408		-0.02565	
##		-0.3158		-0.1839		-0.0652	
##		-0.9451		-0.9553		-0.1059	
##		-0.9441		-0.937		-0.09382	
##		-0.9496		-0.9516		-0.09015	
##		-0.2311		-0.396		-0.1237	
##		-0.2926		-0.4011		-0.05973	
##		-0.573		-0.349		-0.08566	
##		-0.952		-0.9676		-0.1064	
##		-0.9715		-0.9596		-0.09232	
##		-0.9694		-0.9741		-0.09776	
##		-0.212		-0.07544		-0.1359	
##		0.02431		-0.1296		-0.03493	
##		-0.0667		0.3375		-0.1554	
##		-0.9266		-0.9616		-0.1038	
##		-0.9192		-0.9302		-0.09307	
##		-0.946		-0.9399		-0.0959	
##		-0.4671		-0.2657		-0.08092	
##		-0.3408		-0.2797		-0.09459	
##		-0.4009		-0.1382		-0.06847	
##		-0.9537		-0.9719		-0.1003	

##		-0.9844		-0.9604		-0.09316	
##		-0.9589		-0.9537		-0.1048	
##		-0.2509		-0.1745		-0.1227	
##		-0.3114		-0.0353		-0.06438	
##		0.04117		-0.3205		-0.1572	
##		-0.9824		-0.9599		-0.1023	
##		-0.9822		-0.9528		-0.09484	
##		-0.9942		-0.9806		-0.09952	
##		-0.4996		-0.4342		-0.09182	
##		-0.4959		-0.319		-0.02209	
##		-0.282		-0.6947		-0.06452	
##		-0.9539		-0.9502		-0.09904	
##		-0.9605		-0.9516		-0.0941	
##		-0.9415		-0.9504		-0.09764	
##		-0.4494		-0.3502		-0.06224	
##		-0.4763		-0.3378		-0.02647	
##		-0.5229		-0.3496		-0.04556	
##		-0.9627		-0.9674		-0.1018	
##		-0.9797		-0.9669		-0.09592	
##		-0.9717		-0.9734		-0.09812	
##		-0.29		-0.3634		-0.09666	
##		-0.1988		-0.3228		-0.06472	
##		-0.4036		-0.2118		-0.06648	
##		-0.9325		-0.9523		-0.1054	
##		-0.962		-0.9529		-0.09216	
##		-0.9463		-0.9466		-0.1007	
##		-0.01484		-0.1261		-0.1107	
##		0.05699		0.3562		-0.1086	
##		0.4765		0.5649		-0.1283	
##		-0.9611		-0.9565		-0.1023	
##		-0.9753		-0.9638		-0.09536	
##		-0.9713		-0.9682		-0.1014	
##		-0.4209		-0.4865		-0.07767	
##		-0.3732		-0.2506		-0.04825	
##		-0.3302		-0.4774		-0.1445	
##		-0.9707		-0.9848		-0.1022	
##		-0.9583		-0.9603		-0.09572	
##		-0.9801		-0.9824		-0.1001	
##		-0.6126		-0.3655		-0.1109	
##		-0.5283		-0.4446		-0.1039	
##		-0.5864		-0.365		-0.1409	
##		-0.9715		-0.9762		-0.102	
##		-0.9861		-0.9797		-0.09425	
##		-0.9851		-0.9855		-0.1013	
##		-0.4549		-0.386		-0.11	
##		-0.4593		-0.4685		-0.1078	
##		-0.493		-0.2344		-0.1427	
##		-0.9842		-0.9851		-0.09972	
##		-0.9868		-0.9815		-0.09547	
##		-0.9804		-0.9728		-0.09872	
##		-0.4964		-0.5114		-0.09664	
##		-0.6172		-0.4837		-0.08366	
##		-0.5073		-0.4339		-0.09	
##		-0.9636		-0.9732		-0.0956	

##		-0.9598		-0.9656		-0.101	
##		-0.9696		-0.9607		-0.09905	
##		-0.1144		-0.1042		-0.08324	
##		0.04831		-0.03141		-0.03374	
##		-0.1726		-0.1101		-0.1018	
##		-0.9729		-0.9724		-0.0995	
##		-0.9601		-0.9458		-0.096	
##		-0.9039		-0.9073		-0.102	
##		0.08583		-0.1657		-0.068	
##		-0.1468		0.1597		-0.04525	
##		-0.1047		0.1841		-0.1484	
##		-0.9521		-0.9813		-0.09641	
##		-0.9764		-0.977		-0.1011	
##		-0.956		-0.9593		-0.1032	
##		-0.3979		-0.3119		-0.08688	
##		-0.3537		-0.3498		-0.07265	
##		-0.4631		0.05172		-0.1444	
##		-0.9619		-0.9333		-0.1002	
##		-0.9502		-0.9465		-0.09865	
##		-0.9647		-0.9606		-0.0975	
##		-0.4863		-0.1514		-0.133	
##		-0.5503		-0.2804		-0.09017	
##		-0.4894		-0.1578		-0.1485	
##		-0.9592		-0.9839		-0.102	
##		-0.9481		-0.9597		-0.09674	
##		-0.9481		-0.9624		-0.09815	
##		0.2595		-0.2096		-0.05781	
##		0.2138		-0.2087		-0.1177	
##		-0.2937		-0.03173		-0.1099	
##		-0.9603		-0.9817		-0.1028	
##		-0.978		-0.9713		-0.09518	
##		-0.9673		-0.97		-0.09919	
##		-0.4872		-0.3962		-0.06253	
##		-0.4847		-0.4911		-0.09141	
##		-0.5685		-0.2746		-0.1468	
##		-0.9366		-0.9109		-0.1016	
##		-0.9812		-0.9726		-0.09548	
##		-0.9768		-0.9718		-0.1005	
##		-0.604		-0.5628		-0.1024	
##		-0.5234		-0.4438		-0.128	
##		-0.4337		-0.5642		-0.1265	
##		-0.9793		-0.9693		-0.1004	
##		-0.9734		-0.9664		-0.09598	
##		-0.9824		-0.9749		-0.1004	
##		-0.5757		-0.3545		-0.09941	
##		-0.4734		-0.3321		-0.09925	
##		-0.6031		-0.3091		-0.09756	
##		-0.9843		-0.9784		-0.1011	
##		-0.9821		-0.9757		-0.09516	
##		-0.9825		-0.9813		-0.09876	
##		-0.5299		-0.2501		-0.07862	
##		-0.4818		-0.2578		-0.05158	
##		-0.588		-0.17		-0.09375	
##		-0.9601		-0.9624		-0.1045	

##	-0.9563	-0.9566	-0.09539
##	-0.94	-0.9255	-0.1022
##	-0.4977	-0.2426	-0.09297
##	-0.2594	-0.307	-0.02665
##	-0.4793	-0.1893	-0.08057
##	-0.9928	-0.975	-0.09953
##	-0.9883	-0.9712	-0.09536
##	-0.9904	-0.9834	-0.09887
##	-0.1818	-0.4302	-0.1069
##	-0.3905	-0.3111	-0.0744
##	0.04611	-0.3748	-0.1304
##	-0.966	-0.9689	-0.1023
##	-0.9765	-0.9551	-0.09527
##	-0.9407	-0.9308	-0.09972
##	0.006003	-0.1826	-0.08738
##	-0.2854	-0.2954	-0.0616
##	-0.08405	-0.2116	-0.1084

##

Table: Table continues below

##

##

##

##	body gyro jerk mean-Y	body gyro jerk mean-Z
##	:-----:	:-----:
##	-0.04152	-0.07405
##	-0.04021	-0.0467
##	-0.04406	-0.04895
##	-0.03984	-0.04613
##	-0.04399	-0.02705
##	-0.04215	-0.04071
##	-0.03586	-0.07018
##	-0.04156	-0.04359
##	-0.04224	-0.05465
##	-0.05383	-0.05149
##	-0.04215	-0.07102
##	-0.04241	-0.04452
##	-0.03898	-0.06873
##	-0.03609	-0.05901
##	-0.04724	-0.04168
##	-0.03879	-0.05036
##	-0.03916	-0.04162
##	-0.04004	-0.04982
##	-0.03812	-0.07122
##	-0.04185	-0.049
##	-0.04613	-0.04908
##	-0.03935	-0.05512
##	-0.03484	-0.04928
##	-0.03905	-0.07225
##	-0.04044	-0.07083
##	-0.04547	-0.04877
##	-0.03991	-0.04222
##	-0.04496	-0.04827
##	-0.07083	-0.03997
##	-0.05599	-0.05349

##	-0.04241		-0.07178	
##	-0.0334		-0.04655	
##	-0.04288		-0.05064	
##	-0.03623		-0.05396	
##	-0.07681		-0.03722	
##	-0.04577		-0.05768	
##	-0.03589		-0.06719	
##	-0.03964		-0.04546	
##	-0.04128		-0.05454	
##	-0.04478		-0.04957	
##	-0.03819		-0.07895	
##	-0.04822		-0.07245	
##	-0.03897		-0.06941	
##	-0.04027		-0.04457	
##	-0.04852		-0.04785	
##	-0.03149		-0.05227	
##	-0.0535		-0.08679	
##	-0.02792		-0.05341	
##	-0.02755		-0.05695	
##	-0.04666		-0.05284	
##	-0.04192		-0.05757	
##	-0.03563		-0.06334	
##	-0.05976		-0.06781	
##	-0.03028		-0.02363	
##	-0.03888		-0.05907	
##	-0.04112		-0.04894	
##	-0.03716		-0.05842	
##	-0.05192		-0.06113	
##	-0.04894		-0.07204	
##	-0.03723		-0.0365	
##	-0.04124		-0.0667	
##	-0.03928		-0.05054	
##	-0.0396		-0.05247	
##	-0.05142		-0.03427	
##	-0.05203		-0.0373	
##	-0.07198		-0.04608	
##	-0.04107		-0.06789	
##	-0.03875		-0.05156	
##	-0.04095		-0.04829	
##	-0.04985		-0.04673	
##	-0.06092		-0.06532	
##	-0.03354		-0.06532	
##	-0.04177		-0.06488	
##	-0.04104		-0.04661	
##	-0.04129		-0.05393	
##	-0.03198		-0.06367	
##	-0.06694		-0.0512	
##	-0.04531		-0.06617	
##	-0.03727		-0.05662	
##	-0.04346		-0.05201	
##	-0.04501		-0.0509	
##	-0.0439		-0.03888	
##	-0.07406		-0.0616	
##	-0.02077		-0.01372	

##		-0.04159		-0.06243	
##		-0.03961		-0.05241	
##		-0.04385		-0.05228	
##		-0.05525		-0.0511	
##		-0.04954		-0.03392	
##		-0.03654		-0.07672	
##		-0.03477		-0.05768	
##		-0.04504		-0.05884	
##		-0.0425		-0.05443	
##		-0.04339		-0.0533	
##		-0.05677		-0.06121	
##		-0.02962		-0.03542	
##		-0.0362		-0.06049	
##		-0.04111		-0.05109	
##		-0.04045		-0.05463	
##		-0.03793		-0.05138	
##		-0.03817		-0.05825	
##		-0.04145		-0.02235	
##		-0.03934		-0.05931	
##		-0.03971		-0.0523	
##		-0.04066		-0.05324	
##		-0.04338		-0.05026	
##		-0.05091		-0.05706	
##		-0.05275		-0.06925	
##		-0.03715		-0.05992	
##		-0.04252		-0.05908	
##		-0.04229		-0.05238	
##		-0.03071		-0.06031	
##		-0.03946		-0.05456	
##		-0.03463		-0.05335	
##		-0.03878		-0.061	
##		-0.04073		-0.04658	
##		-0.04322		-0.05182	
##		-0.05142		-0.05493	
##		-0.05774		-0.06153	
##		-0.01898		-0.0519	
##		-0.03463		-0.06014	
##		-0.03915		-0.05264	
##		-0.04043		-0.05382	
##		-0.05157		-0.06212	
##		-0.0736		-0.07884	
##		-0.0132		-0.006941	
##		-0.03761		-0.07027	
##		-0.04234		-0.05172	
##		-0.0421		-0.05132	
##		-0.03219		-0.05698	
##		-0.03552		-0.04815	
##		-0.03813		-0.06746	
##		-0.03724		-0.0622	
##		-0.04346		-0.04856	
##		-0.04168		-0.05482	
##		-0.05167		-0.0903	
##		-0.03529		-0.02933	
##		-0.05239		-0.0925	

##		-0.03823		-0.06241	
##		-0.04062		-0.0516	
##		-0.04317		-0.05172	
##		-0.05029		-0.07398	
##		-0.02918		-0.04121	
##		-0.03174		-0.04984	
##		-0.04267		-0.05969	
##		-0.03917		-0.04956	
##		-0.04183		-0.0557	
##		-0.0399		-0.05127	
##		-0.04152		-0.06421	
##		-0.02815		-0.05405	
##		-0.03967		-0.07115	
##		-0.04031		-0.04876	
##		-0.0409		-0.05325	
##		-0.04565		-0.04922	
##		-0.03727		-0.05106	
##		-0.03862		-0.05956	
##		-0.03622		-0.06428	
##		-0.03964		-0.05039	
##		-0.04175		-0.0514	
##		-0.0477		-0.06502	
##		-0.0642		-0.0621	
##		-0.05092		-0.0629	
##		-0.0356		-0.05345	
##		-0.0408		-0.0579	
##		-0.04314		-0.05259	
##		-0.05154		-0.05936	
##		-0.05704		-0.07762	
##		-0.04926		-0.07526	
##		-0.03868		-0.06745	
##		-0.04		-0.047	
##		-0.04051		-0.05449	
##		-0.04799		-0.03924	
##		-0.06715		-0.03596	
##		-0.0511		-0.06809	
##		-0.03849		-0.05957	
##		-0.04079		-0.04882	
##		-0.04378		-0.05203	
##		-0.0617		-0.0446	
##		-0.04968		-0.05436	
##		-0.01411		-0.03642	
##					
##		Table: Table continues below			
##					
##					
##					
##		body gyro jerk std dev-X		body gyro jerk std dev-Y	
##		:-----:		:-----:	
##		-0.9186		-0.9679	
##		-0.9917		-0.9895	
##		-0.9929		-0.9951	
##		-0.2074		-0.3045	
##		-0.487		-0.2388	

##		-0.6148		-0.6017	
##		-0.9932		-0.9896	
##		-0.9897		-0.9909	
##		-0.9793		-0.9834	
##		-0.3895		-0.6341	
##		-0.2439		-0.4694	
##		-0.4649		-0.6455	
##		-0.9803		-0.9868	
##		-0.9725		-0.9786	
##		-0.9409		-0.9684	
##		-0.3859		-0.6391	
##		-0.2857		-0.6809	
##		-0.5073		-0.7758	
##		-0.9751		-0.9869	
##		-0.9699		-0.9844	
##		-0.9496		-0.9761	
##		-0.4923		-0.8074	
##		-0.396		-0.8169	
##		-0.5337		-0.8407	
##		-0.9834		-0.9838	
##		-0.966		-0.9754	
##		-0.9419		-0.9612	
##		-0.3577		-0.5714	
##		-0.4113		-0.5146	
##		-0.3052		-0.6318	
##		-0.9396		-0.9586	
##		-0.9437		-0.9618	
##		-0.9464		-0.9624	
##		-0.1826		-0.4164	
##		0.03934		-0.1935	
##		-0.1868		-0.4865	
##		-0.9738		-0.9765	
##		-0.9744		-0.981	
##		-0.966		-0.9768	
##		-0.2117		-0.1741	
##		-0.5107		-0.2995	
##		-0.6168		-0.6712	
##		-0.9699		-0.9742	
##		-0.9933		-0.9889	
##		-0.9816		-0.9855	
##		-0.2461		-0.4281	
##		-0.2679		-0.07045	
##		-0.4051		-0.4247	
##		-0.9453		-0.9622	
##		-0.9645		-0.9719	
##		-0.9491		-0.975	
##		-0.527		-0.5492	
##		-0.5097		-0.4486	
##		-0.6604		-0.7086	
##		-0.9659		-0.9666	
##		-0.9923		-0.9926	
##		-0.9504		-0.9764	
##		-0.3661		-0.5097	
##		-0.417		-0.4717	

##		-0.4273		-0.6046	
##		-0.9817		-0.9908	
##		-0.9905		-0.9886	
##		-0.9867		-0.9956	
##		-0.5416		-0.738	
##		-0.5344		-0.6846	
##		-0.6604		-0.8095	
##		-0.9672		-0.9659	
##		-0.9773		-0.9793	
##		-0.9554		-0.9712	
##		-0.3908		-0.5813	
##		-0.2786		-0.5175	
##		-0.55		-0.7612	
##		-0.9814		-0.9789	
##		-0.9914		-0.9918	
##		-0.9785		-0.981	
##		-0.2168		-0.3578	
##		-0.4637		-0.2592	
##		-0.631		-0.6788	
##		-0.9703		-0.968	
##		-0.9903		-0.9869	
##		-0.9699		-0.9707	
##		-0.5718		-0.5367	
##		-0.537		-0.2843	
##		-0.6466		-0.3715	
##		-0.9739		-0.9805	
##		-0.9929		-0.9903	
##		-0.9715		-0.9881	
##		-0.2838		-0.7024	
##		-0.456		-0.575	
##		-0.5255		-0.7631	
##		-0.9858		-0.989	
##		-0.9896		-0.9906	
##		-0.9871		-0.9926	
##		-0.6759		-0.7122	
##		-0.6237		-0.5834	
##		-0.7073		-0.7747	
##		-0.9808		-0.9831	
##		-0.9953		-0.995	
##		-0.9893		-0.9937	
##		-0.4313		-0.5602	
##		-0.5268		-0.5721	
##		-0.606		-0.6767	
##		-0.9961		-0.9905	
##		-0.9942		-0.9942	
##		-0.982		-0.9912	
##		-0.5781		-0.6949	
##		-0.6767		-0.7526	
##		-0.7607		-0.8289	
##		-0.9761		-0.9846	
##		-0.9885		-0.9875	
##		-0.9751		-0.9881	
##		0.08012		-0.2916	
##		0.1791		-0.01463	

##		-0.2394		-0.4921	
##		-0.9893		-0.9815	
##		-0.9774		-0.9797	
##		-0.9216		-0.9476	
##		-0.2532		-0.1276	
##		-0.2492		-0.3346	
##		-0.4711		-0.394	
##		-0.9846		-0.982	
##		-0.9895		-0.9897	
##		-0.9719		-0.9768	
##		-0.2389		-0.4829	
##		-0.5496		-0.4424	
##		-0.5735		-0.6045	
##		-0.9721		-0.9805	
##		-0.9857		-0.9803	
##		-0.9497		-0.9849	
##		-0.2267		-0.6519	
##		-0.2648		-0.6403	
##		-0.3967		-0.7043	
##		-0.985		-0.9794	
##		-0.9871		-0.9807	
##		-0.9728		-0.9725	
##		-0.364		0.2959	
##		-0.323		0.1467	
##		-0.5483		-0.4935	
##		-0.9799		-0.9781	
##		-0.9914		-0.9898	
##		-0.9759		-0.982	
##		-0.4908		-0.5142	
##		-0.3584		-0.5193	
##		-0.6405		-0.6466	
##		-0.9574		-0.9716	
##		-0.9923		-0.9913	
##		-0.9779		-0.9872	
##		-0.508		-0.7996	
##		-0.4301		-0.8104	
##		-0.6939		-0.8397	
##		-0.9927		-0.9891	
##		-0.9959		-0.9931	
##		-0.9785		-0.9898	
##		-0.4174		-0.587	
##		-0.1708		-0.5472	
##		-0.5158		-0.7252	
##		-0.9935		-0.993	
##		-0.9936		-0.9922	
##		-0.9826		-0.9908	
##		-0.5233		-0.6341	
##		-0.4938		-0.4595	
##		-0.6958		-0.7111	
##		-0.9608		-0.9804	
##		-0.9822		-0.9807	
##		-0.9283		-0.973	
##		-0.3994		-0.639	
##		-0.1639		-0.4246	

##	-0.4943	-0.6906
##	-0.9965	-0.9971
##	-0.9933	-0.9953
##	-0.9833	-0.9955
##	-0.3959	-0.5879
##	-0.3478	-0.6935
##	-0.4749	-0.7342
##	-0.9838	-0.9804
##	-0.9939	-0.9925
##	-0.9601	-0.9681
##	-0.4603	-0.4976
##	-0.5428	-0.6138
##	-0.7427	-0.7433

##

Table: Table continues below

##

##

##

##	body gyro jerk std dev-Z	body acceleration magnitude mean
##	:-----:	:-----:
##	-0.9578	-0.8419
##	-0.9879	-0.9485
##	-0.9921	-0.9843
##	-0.4043	-0.137
##	-0.2688	0.02719
##	-0.6063	-0.1299
##	-0.988	-0.9774
##	-0.9855	-0.9679
##	-0.9736	-0.9659
##	-0.4355	-0.2904
##	-0.2183	0.08995
##	-0.4676	-0.1073
##	-0.9833	-0.9728
##	-0.9738	-0.8954
##	-0.9583	-0.9254
##	-0.5367	-0.2547
##	-0.3746	-0.06281
##	-0.5734	-0.184
##	-0.984	-0.9546
##	-0.9688	-0.9357
##	-0.958	-0.9065
##	-0.6405	-0.3121
##	-0.3258	-0.04916
##	-0.5562	-0.1537
##	-0.9897	-0.9668
##	-0.9649	-0.938
##	-0.9448	-0.9061
##	-0.1577	-0.1583
##	-0.03442	0.2111
##	-0.2822	0.04356
##	-0.9596	-0.9189
##	-0.9588	-0.9495
##	-0.9628	-0.945
##	-0.1667	-0.1668

##		0.1932		0.3338	
##		-0.1708		0.01778	
##		-0.9889		-0.9364	
##		-0.981		-0.9184	
##		-0.9782		-0.9427	
##		-0.4583		-0.09781	
##		-0.4252		0.01988	
##		-0.6822		-0.1981	
##		-0.9876		-0.9353	
##		-0.9852		-0.9521	
##		-0.9893		-0.9538	
##		-0.3884		0.05168	
##		-0.1896		0.1766	
##		-0.4304		0.121	
##		-0.9771		-0.9309	
##		-0.9687		-0.8934	
##		-0.9697		-0.9452	
##		-0.4579		-0.09808	
##		-0.4172		0.1459	
##		-0.6571		-0.2607	
##		-0.9839		-0.9568	
##		-0.9903		-0.9608	
##		-0.9691		-0.952	
##		-0.3291		-0.1274	
##		-0.2271		0.2508	
##		-0.4822		-0.02666	
##		-0.9865		-0.9806	
##		-0.981		-0.962	
##		-0.9907		-0.9849	
##		-0.5511		-0.2883	
##		-0.4806		0.1262	
##		-0.7772		-0.1326	
##		-0.97		-0.9482	
##		-0.9771		-0.9522	
##		-0.9737		-0.9415	
##		-0.4806		-0.1022	
##		-0.3652		0.01831	
##		-0.6064		-0.2292	
##		-0.9898		-0.9605	
##		-0.9899		-0.9577	
##		-0.9852		-0.9716	
##		-0.3418		-0.1356	
##		-0.3671		-0.02946	
##		-0.5509		-0.1012	
##		-0.9797		-0.906	
##		-0.9828		-0.9442	
##		-0.9747		-0.9435	
##		-0.4972		-0.1444	
##		0.09139		0.1855	
##		-0.3598		0.1401	
##		-0.9801		-0.9553	
##		-0.9879		-0.9587	
##		-0.9813		-0.9612	
##		-0.5917		-0.1865	

##		-0.3945		0.3204	
##		-0.6579		-0.0009714	
##		-0.9945		-0.9618	
##		-0.9884		-0.9619	
##		-0.9927		-0.9699	
##		-0.5713		-0.2588	
##		-0.5406		0.1911	
##		-0.7171		-0.234	
##		-0.9882		-0.953	
##		-0.9938		-0.9727	
##		-0.9923		-0.9776	
##		-0.5244		-0.1512	
##		-0.5428		0.149	
##		-0.6106		-0.01281	
##		-0.9925		-0.9865	
##		-0.9928		-0.9837	
##		-0.9863		-0.9726	
##		-0.6633		-0.2879	
##		-0.6057		-0.2935	
##		-0.719		-0.2791	
##		-0.987		-0.9663	
##		-0.9853		-0.9621	
##		-0.9835		-0.9605	
##		-0.2135		0.06482	
##		0.1166		0.6446	
##		-0.3754		0.01738	
##		-0.9867		-0.9607	
##		-0.9797		-0.9527	
##		-0.9487		-0.9224	
##		-0.227		0.0394	
##		0.003079		0.2219	
##		-0.2539		0.008725	
##		-0.9887		-0.9526	
##		-0.988		-0.9747	
##		-0.9754		-0.9588	
##		-0.4949		-0.1235	
##		-0.4283		0.2458	
##		-0.5641		-0.08105	
##		-0.9786		-0.935	
##		-0.9795		-0.9422	
##		-0.9798		-0.9548	
##		-0.2343		0.07224	
##		-0.3588		0.331	
##		-0.5157		0.2103	
##		-0.9949		-0.963	
##		-0.9881		-0.9441	
##		-0.9847		-0.9572	
##		-0.3745		-0.09888	
##		-0.3679		0.1272	
##		-0.5438		-0.01175	
##		-0.9924		-0.9719	
##		-0.9899		-0.969	
##		-0.9833		-0.9501	
##		-0.558		-0.3	

##	-0.4787	-0.07377
##	-0.649	-0.2264
##	-0.9742	-0.5605
##	-0.9915	-0.9704
##	-0.9807	-0.9727
##	-0.6596	-0.4053
##	-0.5995	-0.2201
##	-0.7463	-0.3058
##	-0.9938	-0.9768
##	-0.9919	-0.9531
##	-0.986	-0.9685
##	-0.4855	-0.2234
##	-0.359	0.1144
##	-0.5564	-0.1429
##	-0.9933	-0.9821
##	-0.9918	-0.9795
##	-0.989	-0.9728
##	-0.4263	-0.2389
##	-0.3073	0.1081
##	-0.6769	-0.1606
##	-0.9814	-0.9581
##	-0.971	-0.9558
##	-0.9565	-0.9255
##	-0.4409	-0.1807
##	-0.3362	0.1044
##	-0.6036	-0.1862
##	-0.9954	-0.9865
##	-0.9928	-0.978
##	-0.9907	-0.9847
##	-0.5041	-0.09552
##	-0.3798	0.1037
##	-0.5584	0.008344
##	-0.9808	-0.9698
##	-0.9881	-0.9575
##	-0.9708	-0.9306
##	-0.4762	-0.1951
##	-0.4989	-0.03739
##	-0.6652	-0.1376

##

Table: Table continues below

##

##

##

##	body acceleration magnitude std dev
----	-------------------------------------

##	:-----:
----	---------

##	-0.7951
----	---------

##	-0.9271
----	---------

##	-0.9819
----	---------

##	-0.2197
----	---------

##	0.01988
----	---------

##	-0.325
----	--------

##	-0.9729
----	---------

##	-0.9531
----	---------

##	-0.9579
----	---------

##		-0.4225	
##		0.2156	
##		-0.206	
##		-0.9642	
##		-0.8703	
##		-0.9151	
##		-0.3284	
##		-0.04113	
##		-0.3336	
##		-0.9313	
##		-0.9144	
##		-0.891	
##		-0.5277	
##		-0.08196	
##		-0.212	
##		-0.9586	
##		-0.9209	
##		-0.8798	
##		-0.3772	
##		0.2054	
##		-0.1367	
##		-0.8973	
##		-0.9316	
##		-0.9393	
##		-0.2667	
##		0.3736	
##		-0.07915	
##		-0.907	
##		-0.882	
##		-0.9336	
##		-0.1986	
##		0.2145	
##		-0.3347	
##		-0.9133	
##		-0.9299	
##		-0.9372	
##		-0.1804	
##		0.1313	
##		-0.2272	
##		-0.9151	
##		-0.8638	
##		-0.9361	
##		-0.3794	
##		0.2651	
##		-0.4002	
##		-0.9403	
##		-0.9397	
##		-0.9373	
##		-0.1856	
##		0.157	
##		-0.2115	
##		-0.9729	
##		-0.9446	
##		-0.9803	

##		-0.4877	
##		0.05077	
##		-0.2896	
##		-0.9365	
##		-0.9475	
##		-0.9352	
##		-0.237	
##		0.09726	
##		-0.2858	
##		-0.9479	
##		-0.9379	
##		-0.9685	
##		-0.2925	
##		-0.01561	
##		-0.3263	
##		-0.8566	
##		-0.9255	
##		-0.9367	
##		-0.3638	
##		0.4284	
##		-0.01977	
##		-0.9433	
##		-0.938	
##		-0.9486	
##		-0.3239	
##		0.3532	
##		-0.1366	
##		-0.9579	
##		-0.9411	
##		-0.9573	
##		-0.4718	
##		0.1192	
##		-0.3348	
##		-0.9483	
##		-0.9651	
##		-0.9754	
##		-0.4618	
##		0.09141	
##		-0.1029	
##		-0.9865	
##		-0.9816	
##		-0.9723	
##		-0.4603	
##		-0.2299	
##		-0.3718	
##		-0.9632	
##		-0.9518	
##		-0.9625	
##		-0.09939	
##		0.4135	
##		-0.1777	
##		-0.9395	
##		-0.9378	
##		-0.9107	

##		-0.1569	
##		0.1726	
##		-0.1983	
##		-0.9422	
##		-0.972	
##		-0.9569	
##		-0.2997	
##		0.2643	
##		-0.2785	
##		-0.9094	
##		-0.9243	
##		-0.9399	
##		-0.1616	
##		0.1333	
##		-0.1588	
##		-0.9579	
##		-0.925	
##		-0.9517	
##		-0.21	
##		0.2304	
##		-0.2719	
##		-0.9694	
##		-0.9638	
##		-0.9479	
##		-0.4811	
##		-0.02248	
##		-0.3069	
##		-0.6493	
##		-0.96	
##		-0.9681	
##		-0.5656	
##		-0.2595	
##		-0.48	
##		-0.9644	
##		-0.9336	
##		-0.9627	
##		-0.4218	
##		0.147	
##		-0.1507	
##		-0.9789	
##		-0.9695	
##		-0.9664	
##		-0.4074	
##		0.1212	
##		-0.3799	
##		-0.9546	
##		-0.9478	
##		-0.9177	
##		-0.3927	
##		0.1355	
##		-0.2119	
##		-0.9816	
##		-0.9693	
##		-0.9817	

##		-0.2627	
##		0.1345	
##		-0.04147	
##		-0.9602	
##		-0.9429	
##		-0.9166	
##		-0.3599	
##		-0.01358	
##		-0.3274	
##			
##			
##		Table: Table continues below	
##			
##			
##			
##		gravity acceleration magnitude mean	
##		:-----:	
##		-0.8419	
##		-0.9485	
##		-0.9843	
##		-0.137	
##		0.02719	
##		-0.1299	
##		-0.9774	
##		-0.9679	
##		-0.9659	
##		-0.2904	
##		0.08995	
##		-0.1073	
##		-0.9728	
##		-0.8954	
##		-0.9254	
##		-0.2547	
##		-0.06281	
##		-0.184	
##		-0.9546	
##		-0.9357	
##		-0.9065	
##		-0.3121	
##		-0.04916	
##		-0.1537	
##		-0.9668	
##		-0.938	
##		-0.9061	
##		-0.1583	
##		0.2111	
##		0.04356	
##		-0.9189	
##		-0.9495	
##		-0.945	
##		-0.1668	
##		0.3338	
##		0.01778	
##		-0.9364	
##		-0.9184	

##		-0.9427	
##		-0.09781	
##		0.01988	
##		-0.1981	
##		-0.9353	
##		-0.9521	
##		-0.9538	
##		0.05168	
##		0.1766	
##		0.121	
##		-0.9309	
##		-0.8934	
##		-0.9452	
##		-0.09808	
##		0.1459	
##		-0.2607	
##		-0.9568	
##		-0.9608	
##		-0.952	
##		-0.1274	
##		0.2508	
##		-0.02666	
##		-0.9806	
##		-0.962	
##		-0.9849	
##		-0.2883	
##		0.1262	
##		-0.1326	
##		-0.9482	
##		-0.9522	
##		-0.9415	
##		-0.1022	
##		0.01831	
##		-0.2292	
##		-0.9605	
##		-0.9577	
##		-0.9716	
##		-0.1356	
##		-0.02946	
##		-0.1012	
##		-0.906	
##		-0.9442	
##		-0.9435	
##		-0.1444	
##		0.1855	
##		0.1401	
##		-0.9553	
##		-0.9587	
##		-0.9612	
##		-0.1865	
##		0.3204	
##		-0.0009714	
##		-0.9618	
##		-0.9619	

##		-0.9699	
##		-0.2588	
##		0.1911	
##		-0.234	
##		-0.953	
##		-0.9727	
##		-0.9776	
##		-0.1512	
##		0.149	
##		-0.01281	
##		-0.9865	
##		-0.9837	
##		-0.9726	
##		-0.2879	
##		-0.2935	
##		-0.2791	
##		-0.9663	
##		-0.9621	
##		-0.9605	
##		0.06482	
##		0.6446	
##		0.01738	
##		-0.9607	
##		-0.9527	
##		-0.9224	
##		0.0394	
##		0.2219	
##		0.008725	
##		-0.9526	
##		-0.9747	
##		-0.9588	
##		-0.1235	
##		0.2458	
##		-0.08105	
##		-0.935	
##		-0.9422	
##		-0.9548	
##		0.07224	
##		0.331	
##		0.2103	
##		-0.963	
##		-0.9441	
##		-0.9572	
##		-0.09888	
##		0.1272	
##		-0.01175	
##		-0.9719	
##		-0.969	
##		-0.9501	
##		-0.3	
##		-0.07377	
##		-0.2264	
##		-0.5605	
##		-0.9704	

##		-0.8703	
##		-0.9151	
##		-0.3284	
##		-0.04113	
##		-0.3336	
##		-0.9313	
##		-0.9144	
##		-0.891	
##		-0.5277	
##		-0.08196	
##		-0.212	
##		-0.9586	
##		-0.9209	
##		-0.8798	
##		-0.3772	
##		0.2054	
##		-0.1367	
##		-0.8973	
##		-0.9316	
##		-0.9393	
##		-0.2667	
##		0.3736	
##		-0.07915	
##		-0.907	
##		-0.882	
##		-0.9336	
##		-0.1986	
##		0.2145	
##		-0.3347	
##		-0.9133	
##		-0.9299	
##		-0.9372	
##		-0.1804	
##		0.1313	
##		-0.2272	
##		-0.9151	
##		-0.8638	
##		-0.9361	
##		-0.3794	
##		0.2651	
##		-0.4002	
##		-0.9403	
##		-0.9397	
##		-0.9373	
##		-0.1856	
##		0.157	
##		-0.2115	
##		-0.9729	
##		-0.9446	
##		-0.9803	
##		-0.4877	
##		0.05077	
##		-0.2896	
##		-0.9365	

##		-0.9475	
##		-0.9352	
##		-0.237	
##		0.09726	
##		-0.2858	
##		-0.9479	
##		-0.9379	
##		-0.9685	
##		-0.2925	
##		-0.01561	
##		-0.3263	
##		-0.8566	
##		-0.9255	
##		-0.9367	
##		-0.3638	
##		0.4284	
##		-0.01977	
##		-0.9433	
##		-0.938	
##		-0.9486	
##		-0.3239	
##		0.3532	
##		-0.1366	
##		-0.9579	
##		-0.9411	
##		-0.9573	
##		-0.4718	
##		0.1192	
##		-0.3348	
##		-0.9483	
##		-0.9651	
##		-0.9754	
##		-0.4618	
##		0.09141	
##		-0.1029	
##		-0.9865	
##		-0.9816	
##		-0.9723	
##		-0.4603	
##		-0.2299	
##		-0.3718	
##		-0.9632	
##		-0.9518	
##		-0.9625	
##		-0.09939	
##		0.4135	
##		-0.1777	
##		-0.9395	
##		-0.9378	
##		-0.9107	
##		-0.1569	
##		0.1726	
##		-0.1983	
##		-0.9422	

##		-0.972	
##		-0.9569	
##		-0.2997	
##		0.2643	
##		-0.2785	
##		-0.9094	
##		-0.9243	
##		-0.9399	
##		-0.1616	
##		0.1333	
##		-0.1588	
##		-0.9579	
##		-0.925	
##		-0.9517	
##		-0.21	
##		0.2304	
##		-0.2719	
##		-0.9694	
##		-0.9638	
##		-0.9479	
##		-0.4811	
##		-0.02248	
##		-0.3069	
##		-0.6493	
##		-0.96	
##		-0.9681	
##		-0.5656	
##		-0.2595	
##		-0.48	
##		-0.9644	
##		-0.9336	
##		-0.9627	
##		-0.4218	
##		0.147	
##		-0.1507	
##		-0.9789	
##		-0.9695	
##		-0.9664	
##		-0.4074	
##		0.1212	
##		-0.3799	
##		-0.9546	
##		-0.9478	
##		-0.9177	
##		-0.3927	
##		0.1355	
##		-0.2119	
##		-0.9816	
##		-0.9693	
##		-0.9817	
##		-0.2627	
##		0.1345	
##		-0.04147	
##		-0.9602	

```

## |                -0.9429                |
## |                -0.9166                |
## |                -0.3599                |
## |                -0.01358               |
## |                -0.3274                |
##
## Table: Table continues below
##
##
##
## | body accleration jerk magnitude mean |
## | :-----: |
## |                -0.9544                |
## |                -0.9874                |
## |                -0.9924                |
## |                -0.1414                |
## |                -0.08945               |
## |                -0.4665                |
## |                -0.9877                |
## |                -0.9868                |
## |                -0.9805                |
## |                -0.2814                |
## |                0.005655               |
## |                -0.3213                |
## |                -0.9795                |
## |                -0.9691                |
## |                -0.9593                |
## |                -0.28                  |
## |                -0.2052                |
## |                -0.4369                |
## |                -0.9701                |
## |                -0.9701                |
## |                -0.9634                |
## |                -0.3667                |
## |                -0.2289                |
## |                -0.4009                |
## |                -0.9801                |
## |                -0.9693                |
## |                -0.9569                |
## |                -0.2883                |
## |                -0.06375               |
## |                -0.2474                |
## |                -0.9548                |
## |                -0.9627                |
## |                -0.9671                |
## |                -0.1951                |
## |                0.1038                 |
## |                -0.2074                |
## |                -0.9801                |
## |                -0.9766                |
## |                -0.9734                |
## |                -0.1929                |
## |                -0.1703                |
## |                -0.4587                |

```

##		-0.9731	
##		-0.9861	
##		-0.9849	
##		-0.06683	
##		0.2626	
##		-0.1415	
##		-0.9634	
##		-0.9644	
##		-0.9695	
##		-0.2037	
##		-0.1624	
##		-0.4407	
##		-0.9762	
##		-0.9881	
##		-0.9652	
##		-0.1326	
##		0.0507	
##		-0.262	
##		-0.9833	
##		-0.9794	
##		-0.9892	
##		-0.4023	
##		-0.1982	
##		-0.5096	
##		-0.9698	
##		-0.9747	
##		-0.9688	
##		-0.1441	
##		-0.1071	
##		-0.4325	
##		-0.9855	
##		-0.9895	
##		-0.9868	
##		-0.1332	
##		-0.1279	
##		-0.4562	
##		-0.9726	
##		-0.9765	
##		-0.973	
##		-0.3773	
##		0.03536	
##		-0.2837	
##		-0.9799	
##		-0.9861	
##		-0.9815	
##		-0.3201	
##		-0.03727	
##		-0.3161	
##		-0.9883	
##		-0.9875	
##		-0.9892	
##		-0.3631	
##		-0.1659	
##		-0.4832	

##		-0.9816	
##		-0.9928	
##		-0.9917	
##		-0.3011	
##		-0.2216	
##		-0.3572	
##		-0.9883	
##		-0.9899	
##		-0.986	
##		-0.3793	
##		-0.4665	
##		-0.6015	
##		-0.9848	
##		-0.9864	
##		-0.9831	
##		0.1095	
##		0.4345	
##		-0.1142	
##		-0.9847	
##		-0.9788	
##		-0.9566	
##		-0.04294	
##		-0.06127	
##		-0.2556	
##		-0.9828	
##		-0.9859	
##		-0.9748	
##		-0.1481	
##		-0.08022	
##		-0.355	
##		-0.9712	
##		-0.9793	
##		-0.9759	
##		0.02292	
##		-0.01798	
##		-0.09578	
##		-0.987	
##		-0.9824	
##		-0.9787	
##		-0.06708	
##		0.113	
##		-0.3111	
##		-0.9855	
##		-0.9856	
##		-0.9776	
##		-0.3997	
##		-0.2631	
##		-0.4885	
##		-0.9622	
##		-0.9895	
##		-0.9846	
##		-0.5383	
##		-0.5005	
##		-0.6792	

```

## |                -0.99                |
## |            -0.9909                |
## |            -0.987                |
## |            -0.2908                |
## |            -0.1489                |
## |            -0.4045                |
## |            -0.9884                |
## |            -0.9895                |
## |            -0.9853                |
## |            -0.2305                |
## |            -0.1154                |
## |            -0.4791                |
## |            -0.9785                |
## |            -0.9733                |
## |            -0.9596                |
## |            -0.2992                |
## |            -0.07076                |
## |            -0.3881                |
## |            -0.9927                |
## |            -0.9907                |
## |            -0.9908                |
## |            -0.2402                |
## |            -0.1386                |
## |            -0.3443                |
## |            -0.9792                |
## |            -0.9878                |
## |            -0.9712                |
## |            -0.3521                |
## |            -0.2937                |
## |            -0.5966                |
##
## Table: Table continues below
##
##
##
## | body accleration jerk magnitude std dev | body gyro magnitude mean |
## | :-----: | :-----: |
## |            -0.9282                |            -0.8748                |
## |            -0.9841                |            -0.9309                |
## |            -0.9931                |            -0.9765                |
## |            -0.07447                |            -0.161                |
## |            -0.02579                |            -0.07574                |
## |            -0.479                |            -0.1267                |
## |            -0.9855                |            -0.95                |
## |            -0.9845                |            -0.946                |
## |            -0.9767                |            -0.9635                |
## |            -0.1642                |            -0.4465                |
## |            0.2296                |            -0.1622                |
## |            -0.2174                |            -0.2197                |
## |            -0.9761                |            -0.9516                |
## |            -0.9666                |            -0.9194                |
## |            -0.9488                |            -0.8921                |
## |            -0.1399                |            -0.4664                |
## |            -0.09263                |            -0.2153                |

```

##		-0.439		-0.3473	
##		-0.9608		-0.9302	
##		-0.9625		-0.9261	
##		-0.9582		-0.901	
##		-0.3169		-0.4978	
##		-0.2169		-0.3466	
##		-0.4373		-0.2998	
##		-0.9775		-0.9469	
##		-0.9658		-0.9343	
##		-0.943		-0.9007	
##		-0.2822		-0.3559	
##		-0.02926		-0.218	
##		-0.3102		-0.2355	
##		-0.9503		-0.909	
##		-0.9482		-0.9327	
##		-0.9561		-0.9394	
##		-0.0706		-0.2812	
##		0.2095		0.01427	
##		-0.17		-0.1291	
##		-0.9673		-0.9158	
##		-0.9702		-0.8979	
##		-0.9686		-0.9434	
##		-0.02756		-0.306	
##		0.09018		-0.1887	
##		-0.4713		-0.2391	
##		-0.963		-0.9243	
##		-0.9807		-0.9327	
##		-0.9799		-0.9528	
##		-0.1846		-0.003102	
##		0.2534		0.09934	
##		-0.2283		0.1664	
##		-0.955		-0.9071	
##		-0.9518		-0.9032	
##		-0.9638		-0.921	
##		-0.3171		-0.2945	
##		0.03991		-0.1689	
##		-0.4455		-0.08332	
##		-0.9676		-0.9376	
##		-0.9852		-0.9442	
##		-0.9521		-0.9298	
##		0.03761		-0.1565	
##		0.1109		-0.02385	
##		-0.226		0.04386	
##		-0.9765		-0.9525	
##		-0.9745		-0.9519	
##		-0.9889		-0.98	
##		-0.4031		-0.4218	
##		-0.127		-0.1979	
##		-0.4905		-0.255	
##		-0.9626		-0.9308	
##		-0.9727		-0.9419	
##		-0.9627		-0.8881	
##		-0.02029		-0.3559	
##		0.06558		-0.2134	

##	-0.3298		-0.3166	
##	-0.9801		-0.9443	
##	-0.9888		-0.9511	
##	-0.9819		-0.9578	
##	-0.1318		-0.2187	
##	-0.0434		-0.1021	
##	-0.4512		-0.2372	
##	-0.9665		-0.9047	
##	-0.9733		-0.9428	
##	-0.9704		-0.9435	
##	-0.4397		-0.1372	
##	0.1947		0.1663	
##	-0.3371		0.3658	
##	-0.9736		-0.9446	
##	-0.9846		-0.9573	
##	-0.98		-0.947	
##	-0.3101		-0.2437	
##	0.1596		-0.1217	
##	-0.3134		-0.2012	
##	-0.9879		-0.9518	
##	-0.9836		-0.9464	
##	-0.9868		-0.9725	
##	-0.4034		-0.4859	
##	-0.07835		-0.3098	
##	-0.4931		-0.3083	
##	-0.9801		-0.9607	
##	-0.9914		-0.9672	
##	-0.9904		-0.9782	
##	-0.2757		-0.335	
##	-0.2066		-0.2326	
##	-0.3909		-0.2352	
##	-0.9895		-0.9807	
##	-0.9912		-0.9776	
##	-0.986		-0.963	
##	-0.4254		-0.5005	
##	-0.3825		-0.381	
##	-0.5793		-0.3691	
##	-0.9807		-0.9533	
##	-0.9842		-0.9422	
##	-0.9796		-0.9417	
##	0.03566		0.1	
##	0.4506		0.418	
##	-0.2841		-0.06162	
##	-0.9802		-0.9604	
##	-0.9725		-0.9396	
##	-0.9385		-0.8837	
##	0.02108		0.06863	
##	0.04672		0.09384	
##	-0.2394		0.02233	
##	-0.9786		-0.9493	
##	-0.9865		-0.965	
##	-0.9716		-0.9498	
##	-0.08385		-0.2848	
##	0.09523		-0.1849	

##	-0.4042		-0.169	
##	-0.9598		-0.9266	
##	-0.9686		-0.9421	
##	-0.9588		-0.9316	
##	0.1115		-0.2106	
##	-0.03376		-0.1613	
##	-0.08765		-0.128	
##	-0.9867		-0.9494	
##	-0.9737		-0.9366	
##	-0.9748		-0.9384	
##	-0.02682		-0.0121	
##	0.2921		0.03909	
##	-0.3627		-0.1565	
##	-0.9836		-0.9538	
##	-0.9854		-0.9646	
##	-0.9731		-0.9545	
##	-0.4098		-0.4031	
##	-0.1435		-0.305	
##	-0.4411		-0.3344	
##	-0.9619		-0.8097	
##	-0.9883		-0.9666	
##	-0.9826		-0.9671	
##	-0.5429		-0.3944	
##	-0.483		-0.2161	
##	-0.6745		-0.3186	
##	-0.9891		-0.9519	
##	-0.99		-0.9541	
##	-0.9826		-0.9687	
##	-0.2794		-0.3921	
##	-0.1113		-0.2353	
##	-0.3345		-0.3444	
##	-0.9886		-0.9669	
##	-0.9892		-0.9636	
##	-0.9842		-0.9687	
##	-0.2661		-0.3966	
##	-0.03864		-0.1648	
##	-0.4646		-0.2861	
##	-0.9733		-0.9371	
##	-0.9703		-0.9552	
##	-0.9541		-0.8942	
##	-0.3904		-0.3108	
##	-0.04189		-0.06825	
##	-0.3254		-0.2634	
##	-0.9946		-0.9719	
##	-0.9905		-0.9624	
##	-0.9905		-0.9807	
##	-0.133		-0.2806	
##	-0.03077		-0.123	
##	-0.2545		0.04396	
##	-0.9696		-0.9623	
##	-0.9861		-0.9558	
##	-0.9508		-0.9139	
##	-0.3538		-0.02296	
##	-0.1253		-0.09554	

```

## |                -0.5618                |                -0.1136                |
##
## Table: Table continues below
##
##
## | body gyro magnitude std dev | body gyro jerk magnitude mean |
## | :-----: | :-----: |
## |      -0.819      |      -0.9635      |
## |      -0.9345     |      -0.992       |
## |      -0.9787     |      -0.995       |
## |      -0.187      |      -0.2987      |
## |      -0.2257     |      -0.2955      |
## |      -0.1486     |      -0.5949      |
## |      -0.9612     |      -0.9918      |
## |      -0.9613     |      -0.9911      |
## |      -0.9539     |      -0.984       |
## |      -0.553      |      -0.5479      |
## |      -0.2748     |      -0.4109      |
## |      -0.3775     |      -0.5728      |
## |      -0.9543     |      -0.9867      |
## |      -0.9255     |      -0.978       |
## |      -0.8821     |      -0.9623      |
## |      -0.5615     |      -0.5661      |
## |      -0.2458     |      -0.5086      |
## |      -0.4089     |      -0.6589      |
## |      -0.947      |      -0.9851      |
## |      -0.9289     |      -0.9805      |
## |      -0.8851     |      -0.9676      |
## |      -0.5531     |      -0.6813      |
## |      -0.3806     |      -0.5928      |
## |      -0.511      |      -0.687       |
## |      -0.9583     |      -0.9864      |
## |      -0.9314     |      -0.9738      |
## |      -0.867      |      -0.9584      |
## |      -0.4922     |      -0.4445      |
## |      -0.3607     |      -0.3972      |
## |      -0.3547     |      -0.4735      |
## |      -0.9209     |      -0.9556      |
## |      -0.9213     |      -0.9629      |
## |      -0.9159     |      -0.9634      |
## |      -0.3656     |      -0.3213      |
## |      -0.04263    |      -0.08294     |
## |      -0.1999     |      -0.3429      |
## |      -0.9187     |      -0.983       |
## |      -0.8981     |      -0.9817      |
## |      -0.9184     |      -0.9774      |
## |      -0.1983     |      -0.3        |
## |      -0.2598     |      -0.3992      |
## |      -0.4181     |      -0.662       |
## |      -0.9325     |      -0.9784      |
## |      -0.953      |      -0.9918      |
## |      -0.9532     |      -0.9876      |
## |      -0.2387     |      -0.3391      |

```

##		-0.04663		-0.1262	
##		-0.1093		-0.4007	
##		-0.8986		-0.9645	
##		-0.9066		-0.9734	
##		-0.9083		-0.9698	
##		-0.4897		-0.5103	
##		-0.3223		-0.469	
##		-0.4258		-0.6728	
##		-0.9275		-0.9708	
##		-0.9631		-0.9937	
##		-0.9205		-0.9716	
##		-0.402		-0.4404	
##		-0.2804		-0.4019	
##		-0.1131		-0.5235	
##		-0.9547		-0.9906	
##		-0.96		-0.9895	
##		-0.9771		-0.9934	
##		-0.5584		-0.6307	
##		-0.3393		-0.5993	
##		-0.3779		-0.7573	
##		-0.9357		-0.9711	
##		-0.9468		-0.9804	
##		-0.8523		-0.9693	
##		-0.4132		-0.5175	
##		-0.3205		-0.4428	
##		-0.5257		-0.675	
##		-0.9447		-0.9854	
##		-0.9639		-0.9926	
##		-0.945		-0.9836	
##		-0.2532		-0.3035	
##		-0.2368		-0.3236	
##		-0.4157		-0.632	
##		-0.9134		-0.9756	
##		-0.9471		-0.9883	
##		-0.9314		-0.9749	
##		-0.2014		-0.5199	
##		-0.06651		-0.2751	
##		0.3		-0.3999	
##		-0.924		-0.9832	
##		-0.9635		-0.9922	
##		-0.9313		-0.9844	
##		-0.4258		-0.544	
##		-0.2842		-0.5095	
##		-0.2884		-0.6636	
##		-0.959		-0.9908	
##		-0.9379		-0.9924	
##		-0.9641		-0.9928	
##		-0.6651		-0.6715	
##		-0.4223		-0.5909	
##		-0.5182		-0.7377	
##		-0.9593		-0.9855	
##		-0.9754		-0.9963	
##		-0.9777		-0.9937	
##		-0.5225		-0.5172	

##		-0.3527		-0.5403	
##		-0.4408		-0.6374	
##		-0.9806		-0.9931	
##		-0.9814		-0.9949	
##		-0.9598		-0.9887	
##		-0.6085		-0.6365	
##		-0.508		-0.7017	
##		-0.5281		-0.7817	
##		-0.9559		-0.9853	
##		-0.9505		-0.9895	
##		-0.938		-0.9858	
##		-0.02185		-0.1647	
##		0.2378		0.08758	
##		-0.2644		-0.3728	
##		-0.9622		-0.9867	
##		-0.9411		-0.983	
##		-0.8437		-0.9479	
##		-0.03679		-0.1949	
##		-0.03058		-0.2682	
##		-0.2539		-0.3719	
##		-0.9493		-0.9859	
##		-0.9712		-0.9903	
##		-0.9456		-0.9769	
##		-0.4083		-0.4269	
##		-0.3884		-0.4528	
##		-0.4202		-0.5779	
##		-0.9239		-0.9817	
##		-0.9333		-0.9855	
##		-0.9008		-0.9786	
##		-0.3908		-0.462	
##		-0.2639		-0.4596	
##		-0.2026		-0.5681	
##		-0.9572		-0.9846	
##		-0.937		-0.9865	
##		-0.9238		-0.9764	
##		0.1633		0.01153	
##		0.054		-0.04631	
##		-0.3667		-0.5044	
##		-0.9578		-0.9828	
##		-0.9693		-0.9913	
##		-0.9531		-0.9824	
##		-0.5639		-0.5078	
##		-0.3637		-0.4972	
##		-0.5039		-0.6588	
##		-0.856		-0.9698	
##		-0.9706		-0.9929	
##		-0.9599		-0.9851	
##		-0.4898		-0.6785	
##		-0.3822		-0.6647	
##		-0.3878		-0.7771	
##		-0.9657		-0.9922	
##		-0.9647		-0.9945	
##		-0.9627		-0.9885	
##		-0.5383		-0.5124	

##	-0.2962	-0.4188
##	-0.514	-0.6481
##	-0.9719	-0.9944
##	-0.9708	-0.994
##	-0.9657	-0.9895
##	-0.4825	-0.5626
##	-0.308	-0.4405
##	-0.5018	-0.6999
##	-0.9289	-0.9782
##	-0.9511	-0.9812
##	-0.8769	-0.9597
##	-0.4605	-0.5462
##	-0.2245	-0.3404
##	-0.4769	-0.6203
##	-0.977	-0.9973
##	-0.9716	-0.9954
##	-0.9754	-0.9921
##	-0.3588	-0.5062
##	-0.2674	-0.5392
##	-0.08005	-0.6173
##	-0.9513	-0.9851
##	-0.9606	-0.9937
##	-0.8872	-0.973
##	-0.2668	-0.4721
##	-0.2083	-0.5743
##	-0.1693	-0.7188

Table: Table continues below

##	body gyro jerk magnitude std dev
##	-0.9358
##	-0.9883
##	-0.9947
##	-0.3253
##	-0.3065
##	-0.6486
##	-0.9897
##	-0.9896
##	-0.9772
##	-0.5578
##	-0.3432
##	-0.5973
##	-0.9831
##	-0.9768
##	-0.9577
##	-0.5674
##	-0.5839
##	-0.718
##	-0.9827
##	-0.9758
##	-0.9643

##		-0.7301	
##		-0.6371	
##		-0.7553	
##		-0.9838	
##		-0.9704	
##		-0.948	
##		-0.4892	
##		-0.4503	
##		-0.558	
##		-0.9532	
##		-0.9502	
##		-0.9525	
##		-0.3647	
##		-0.1112	
##		-0.4401	
##		-0.9712	
##		-0.9762	
##		-0.9721	
##		-0.09534	
##		-0.2948	
##		-0.6764	
##		-0.969	
##		-0.9868	
##		-0.9825	
##		-0.503	
##		-0.1575	
##		-0.494	
##		-0.9528	
##		-0.9664	
##		-0.9653	
##		-0.5999	
##		-0.4559	
##		-0.7487	
##		-0.9596	
##		-0.9917	
##		-0.9644	
##		-0.501	
##		-0.4941	
##		-0.6183	
##		-0.9845	
##		-0.9863	
##		-0.9926	
##		-0.7537	
##		-0.6778	
##		-0.8011	
##		-0.962	
##		-0.9783	
##		-0.9619	
##		-0.5489	
##		-0.4524	
##		-0.7134	
##		-0.9751	
##		-0.9914	
##		-0.9762	

##		-0.3221	
##		-0.2765	
##		-0.6692	
##		-0.964	
##		-0.987	
##		-0.9668	
##		-0.6061	
##		-0.2747	
##		-0.4858	
##		-0.9737	
##		-0.9897	
##		-0.9814	
##		-0.6378	
##		-0.5636	
##		-0.749	
##		-0.9882	
##		-0.9883	
##		-0.9908	
##		-0.7228	
##		-0.5958	
##		-0.7973	
##		-0.982	
##		-0.9944	
##		-0.9924	
##		-0.5397	
##		-0.5923	
##		-0.6823	
##		-0.9922	
##		-0.9949	
##		-0.9885	
##		-0.7266	
##		-0.7442	
##		-0.8355	
##		-0.9802	
##		-0.9858	
##		-0.9831	
##		-0.2715	
##		-0.0439	
##		-0.5074	
##		-0.9811	
##		-0.9751	
##		-0.9263	
##		-0.1499	
##		-0.2756	
##		-0.4554	
##		-0.9822	
##		-0.9903	
##		-0.9762	
##		-0.4504	
##		-0.5091	
##		-0.6477	
##		-0.9742	
##		-0.9765	
##		-0.9661	

```
## | -0.5031 |
## | -0.6177 |
## | -0.6756 |
## | -0.9813 |
## | -0.9792 |
## | -0.9724 |
## | 0.2502 |
## | 0.05949 |
## | -0.5513 |
## | -0.9787 |
## | -0.9907 |
## | -0.98 |
## | -0.556 |
## | -0.4592 |
## | -0.6382 |
## | -0.9683 |
## | -0.9918 |
## | -0.9832 |
## | -0.757 |
## | -0.6796 |
## | -0.8249 |
## | -0.9899 |
## | -0.994 |
## | -0.9843 |
## | -0.6035 |
## | -0.4631 |
## | -0.6618 |
## | -0.9935 |
## | -0.9921 |
## | -0.9888 |
## | -0.6187 |
## | -0.4658 |
## | -0.7247 |
## | -0.9698 |
## | -0.9784 |
## | -0.9563 |
## | -0.5799 |
## | -0.4071 |
## | -0.6701 |
## | -0.9977 |
## | -0.9949 |
## | -0.9915 |
## | -0.6122 |
## | -0.5971 |
## | -0.7128 |
## | -0.9762 |
## | -0.9913 |
## | -0.956 |
## | -0.547 |
## | -0.6177 |
## | -0.7744 |
```

```
write.table(independent_tidydataset, file = "project_tidy_dataset.txt", row.name = FALSE)
## writes the tidy dataset to .txt file in the local project directory
```



```
write.csv(independent_tidydataset, file = "project_tidy_dataset.csv")  
## writes the tidy dataset to .csv file in the local project directory
```