

Run Analysis on Smartphones Dataset

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Load libraries

```
library(dplyr)
library(tidyr)
library(knitr)
library(pander)
```

a. Merge training and test datasets into one dataset

```
features <- read.table(
  file = "./UCI HAR Dataset/features.txt")
str(features)
```

```
## 'data.frame':    561 obs. of  2 variables:
## $ V1: int  1 2 3 4 5 6 7 8 9 10 ...
## $ V2: Factor w/ 477 levels "angle(tBodyAccJerkMean),gravityMean)",...: 243 244 245 250 251 252 237 2
```

```
kable( head(features),format = "markdown", caption = "Features" )
```

V1	V2
1	tBodyAcc-mean()-X
2	tBodyAcc-mean()-Y
3	tBodyAcc-mean()-Z
4	tBodyAcc-std()-X
5	tBodyAcc-std()-Y
6	tBodyAcc-std()-Z

Merge x training and test sets

```
xTrain <- read.table(
  file = "./UCI HAR Dataset/train/X_train.txt")
xTest <- read.table(
  file = "./UCI HAR Dataset/test/X_test.txt")
x <- rbind(xTrain, xTest)

str(x)
```

```
## 'data.frame':    10299 obs. of  561 variables:
## $ V1 : num  0.289 0.278 0.28 0.279 0.277 ...
```

```

## $ V2 : num -0.0203 -0.0164 -0.0195 -0.0262 -0.0166 ...
## $ V3 : num -0.133 -0.124 -0.113 -0.123 -0.115 ...
## $ V4 : num -0.995 -0.998 -0.995 -0.996 -0.998 ...
## $ V5 : num -0.983 -0.975 -0.967 -0.983 -0.981 ...
## $ V6 : num -0.914 -0.96 -0.979 -0.991 -0.99 ...
## $ V7 : num -0.995 -0.999 -0.997 -0.997 -0.998 ...
## $ V8 : num -0.983 -0.975 -0.964 -0.983 -0.98 ...
## $ V9 : num -0.924 -0.958 -0.977 -0.989 -0.99 ...
## $ V10 : num -0.935 -0.943 -0.939 -0.939 -0.942 ...
## $ V11 : num -0.567 -0.558 -0.558 -0.576 -0.569 ...
## $ V12 : num -0.744 -0.818 -0.818 -0.83 -0.825 ...
## $ V13 : num 0.853 0.849 0.844 0.844 0.849 ...
## $ V14 : num 0.686 0.686 0.682 0.682 0.683 ...
## $ V15 : num 0.814 0.823 0.839 0.838 0.838 ...
## $ V16 : num -0.966 -0.982 -0.983 -0.986 -0.993 ...
## $ V17 : num -1 -1 -1 -1 -1 ...
## $ V18 : num -1 -1 -1 -1 -1 ...
## $ V19 : num -0.995 -0.998 -0.999 -1 -1 ...
## $ V20 : num -0.994 -0.999 -0.997 -0.997 -0.998 ...
## $ V21 : num -0.988 -0.978 -0.965 -0.984 -0.981 ...
## $ V22 : num -0.943 -0.948 -0.975 -0.986 -0.991 ...
## $ V23 : num -0.408 -0.715 -0.592 -0.627 -0.787 ...
## $ V24 : num -0.679 -0.501 -0.486 -0.851 -0.559 ...
## $ V25 : num -0.602 -0.571 -0.571 -0.912 -0.761 ...
## $ V26 : num 0.9293 0.6116 0.273 0.0614 0.3133 ...
## $ V27 : num -0.853 -0.3295 -0.0863 0.0748 -0.1312 ...
## $ V28 : num 0.36 0.284 0.337 0.198 0.191 ...
## $ V29 : num -0.0585 0.2846 -0.1647 -0.2643 0.0869 ...
## $ V30 : num 0.2569 0.1157 0.0172 0.0725 0.2576 ...
## $ V31 : num -0.2248 -0.091 -0.0745 -0.1553 -0.2725 ...
## $ V32 : num 0.264 0.294 0.342 0.323 0.435 ...
## $ V33 : num -0.0952 -0.2812 -0.3326 -0.1708 -0.3154 ...
## $ V34 : num 0.279 0.086 0.239 0.295 0.44 ...
## $ V35 : num -0.4651 -0.0222 -0.1362 -0.3061 -0.2691 ...
## $ V36 : num 0.4919 -0.0167 0.1739 0.4821 0.1794 ...
## $ V37 : num -0.191 -0.221 -0.299 -0.47 -0.089 ...
## $ V38 : num 0.3763 -0.0134 -0.1247 -0.3057 -0.1558 ...
## $ V39 : num 0.4351 -0.0727 -0.1811 -0.3627 -0.1898 ...
## $ V40 : num 0.661 0.579 0.609 0.507 0.599 ...
## $ V41 : num 0.963 0.967 0.967 0.968 0.968 ...
## $ V42 : num -0.141 -0.142 -0.142 -0.144 -0.149 ...
## $ V43 : num 0.1154 0.1094 0.1019 0.0999 0.0945 ...
## $ V44 : num -0.985 -0.997 -1 -0.997 -0.998 ...
## $ V45 : num -0.982 -0.989 -0.993 -0.981 -0.988 ...
## $ V46 : num -0.878 -0.932 -0.993 -0.978 -0.979 ...
## $ V47 : num -0.985 -0.998 -1 -0.996 -0.998 ...
## $ V48 : num -0.984 -0.99 -0.993 -0.981 -0.989 ...
## $ V49 : num -0.895 -0.933 -0.993 -0.978 -0.979 ...
## $ V50 : num 0.892 0.892 0.892 0.894 0.894 ...
## $ V51 : num -0.161 -0.161 -0.164 -0.164 -0.167 ...
## $ V52 : num 0.1247 0.1226 0.0946 0.0934 0.0917 ...
## $ V53 : num 0.977 0.985 0.987 0.987 0.987 ...
## $ V54 : num -0.123 -0.115 -0.115 -0.121 -0.122 ...
## $ V55 : num 0.0565 0.1028 0.1028 0.0958 0.0941 ...

```

```
## $ V56 : num -0.375 -0.383 -0.402 -0.4 -0.4 ...
## $ V57 : num 0.899 0.908 0.909 0.911 0.912 ...
## $ V58 : num -0.971 -0.971 -0.97 -0.969 -0.967 ...
## $ V59 : num -0.976 -0.979 -0.982 -0.982 -0.984 ...
## $ V60 : num -0.984 -0.999 -1 -0.996 -0.998 ...
## $ V61 : num -0.989 -0.99 -0.992 -0.981 -0.991 ...
## $ V62 : num -0.918 -0.942 -0.993 -0.98 -0.98 ...
## $ V63 : num -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 ...
## $ V64 : num -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 ...
## $ V65 : num 0.114 -0.21 -0.927 -0.596 -0.617 ...
## $ V66 : num -0.59042 -0.41006 0.00223 -0.06493 -0.25727 ...
## $ V67 : num 0.5911 0.4139 0.0275 0.0754 0.2689 ...
## $ V68 : num -0.5918 -0.4176 -0.0567 -0.0858 -0.2807 ...
## $ V69 : num 0.5925 0.4213 0.0855 0.0962 0.2926 ...
## $ V70 : num -0.745 -0.196 -0.329 -0.295 -0.167 ...
## $ V71 : num 0.7209 0.1253 0.2705 0.2283 0.0899 ...
## $ V72 : num -0.7124 -0.1056 -0.2545 -0.2063 -0.0663 ...
## $ V73 : num 0.7113 0.1091 0.2576 0.2048 0.0671 ...
## $ V74 : num -0.995 -0.834 -0.705 -0.385 -0.237 ...
## $ V75 : num 0.996 0.834 0.714 0.386 0.239 ...
## $ V76 : num -0.996 -0.834 -0.723 -0.387 -0.241 ...
## $ V77 : num 0.992 0.83 0.729 0.385 0.241 ...
## $ V78 : num 0.57 -0.831 -0.181 -0.991 -0.408 ...
## $ V79 : num 0.439 -0.866 0.338 -0.969 -0.185 ...
## $ V80 : num 0.987 0.974 0.643 0.984 0.965 ...
## $ V81 : num 0.078 0.074 0.0736 0.0773 0.0734 ...
## $ V82 : num 0.005 0.00577 0.0031 0.02006 0.01912 ...
## $ V83 : num -0.06783 0.02938 -0.00905 -0.00986 0.01678 ...
## $ V84 : num -0.994 -0.996 -0.991 -0.993 -0.996 ...
## $ V85 : num -0.988 -0.981 -0.981 -0.988 -0.988 ...
## $ V86 : num -0.994 -0.992 -0.99 -0.993 -0.992 ...
## $ V87 : num -0.994 -0.996 -0.991 -0.994 -0.997 ...
## $ V88 : num -0.986 -0.979 -0.979 -0.986 -0.987 ...
## $ V89 : num -0.993 -0.991 -0.987 -0.991 -0.991 ...
## $ V90 : num -0.985 -0.995 -0.987 -0.987 -0.997 ...
## $ V91 : num -0.992 -0.979 -0.979 -0.992 -0.992 ...
## $ V92 : num -0.993 -0.992 -0.992 -0.99 -0.99 ...
## $ V93 : num 0.99 0.993 0.988 0.988 0.994 ...
## $ V94 : num 0.992 0.992 0.992 0.993 0.993 ...
## $ V95 : num 0.991 0.989 0.989 0.993 0.986 ...
## $ V96 : num -0.994 -0.991 -0.988 -0.993 -0.994 ...
## $ V97 : num -1 -1 -1 -1 -1 ...
## $ V98 : num -1 -1 -1 -1 -1 ...
## $ V99 : num -1 -1 -1 -1 -1 ...
## [list output truncated]
```

Name feature columns in x

```
names(x) <- make.names(features$V2, unique = TRUE)
str(x)
```

```
## 'data.frame': 10299 obs. of 561 variables:
```

## \$ tBodyAcc.mean...X	: num 0.289 0.278 0.28 0.279 0.277 ...
## \$ tBodyAcc.mean...Y	: num -0.0203 -0.0164 -0.0195 -0.0262 -0.0166 ...
## \$ tBodyAcc.mean...Z	: num -0.133 -0.124 -0.113 -0.123 -0.115 ...
## \$ tBodyAcc.std...X	: num -0.995 -0.998 -0.995 -0.996 -0.998 ...
## \$ tBodyAcc.std...Y	: num -0.983 -0.975 -0.967 -0.983 -0.981 ...
## \$ tBodyAcc.std...Z	: num -0.914 -0.96 -0.979 -0.991 -0.99 ...
## \$ tBodyAcc.mad...X	: num -0.995 -0.999 -0.997 -0.997 -0.998 ...
## \$ tBodyAcc.mad...Y	: num -0.983 -0.975 -0.964 -0.983 -0.98 ...
## \$ tBodyAcc.mad...Z	: num -0.924 -0.958 -0.977 -0.989 -0.99 ...
## \$ tBodyAcc.max...X	: num -0.935 -0.943 -0.939 -0.939 -0.942 ...
## \$ tBodyAcc.max...Y	: num -0.567 -0.558 -0.558 -0.576 -0.569 ...
## \$ tBodyAcc.max...Z	: num -0.744 -0.818 -0.818 -0.83 -0.825 ...
## \$ tBodyAcc.min...X	: num 0.853 0.849 0.844 0.844 0.849 ...
## \$ tBodyAcc.min...Y	: num 0.686 0.686 0.682 0.682 0.683 ...
## \$ tBodyAcc.min...Z	: num 0.814 0.823 0.839 0.838 0.838 ...
## \$ tBodyAcc.sma..	: num -0.966 -0.982 -0.983 -0.986 -0.993 ...
## \$ tBodyAcc.energy...X	: num -1 -1 -1 -1 -1 ...
## \$ tBodyAcc.energy...Y	: num -1 -1 -1 -1 -1 ...
## \$ tBodyAcc.energy...Z	: num -0.995 -0.998 -0.999 -1 -1 ...
## \$ tBodyAcc.iqr...X	: num -0.994 -0.999 -0.997 -0.997 -0.998 ...
## \$ tBodyAcc.iqr...Y	: num -0.988 -0.978 -0.965 -0.984 -0.981 ...
## \$ tBodyAcc.iqr...Z	: num -0.943 -0.948 -0.975 -0.986 -0.991 ...
## \$ tBodyAcc.entropy...X	: num -0.408 -0.715 -0.592 -0.627 -0.787 ...
## \$ tBodyAcc.entropy...Y	: num -0.679 -0.501 -0.486 -0.851 -0.559 ...
## \$ tBodyAcc.entropy...Z	: num -0.602 -0.571 -0.571 -0.912 -0.761 ...
## \$ tBodyAcc.arCoeff...X.1	: num 0.9293 0.6116 0.273 0.0614 0.3133 ...
## \$ tBodyAcc.arCoeff...X.2	: num -0.853 -0.3295 -0.0863 0.0748 -0.1312 ...
## \$ tBodyAcc.arCoeff...X.3	: num 0.36 0.284 0.337 0.198 0.191 ...
## \$ tBodyAcc.arCoeff...X.4	: num -0.0585 0.2846 -0.1647 -0.2643 0.0869 ...
## \$ tBodyAcc.arCoeff...Y.1	: num 0.2569 0.1157 0.0172 0.0725 0.2576 ...
## \$ tBodyAcc.arCoeff...Y.2	: num -0.2248 -0.091 -0.0745 -0.1553 -0.2725 ...
## \$ tBodyAcc.arCoeff...Y.3	: num 0.264 0.294 0.342 0.323 0.435 ...
## \$ tBodyAcc.arCoeff...Y.4	: num -0.0952 -0.2812 -0.3326 -0.1708 -0.3154 ...
## \$ tBodyAcc.arCoeff...Z.1	: num 0.279 0.086 0.239 0.295 0.44 ...
## \$ tBodyAcc.arCoeff...Z.2	: num -0.4651 -0.0222 -0.1362 -0.3061 -0.2691 ...
## \$ tBodyAcc.arCoeff...Z.3	: num 0.4919 -0.0167 0.1739 0.4821 0.1794 ...
## \$ tBodyAcc.arCoeff...Z.4	: num -0.191 -0.221 -0.299 -0.47 -0.089 ...
## \$ tBodyAcc.correlation...X.Y	: num 0.3763 -0.0134 -0.1247 -0.3057 -0.1558 ...
## \$ tBodyAcc.correlation...X.Z	: num 0.4351 -0.0727 -0.1811 -0.3627 -0.1898 ...
## \$ tBodyAcc.correlation...Y.Z	: num 0.661 0.579 0.609 0.507 0.599 ...
## \$ tGravityAcc.mean...X	: num 0.963 0.967 0.967 0.968 0.968 ...
## \$ tGravityAcc.mean...Y	: num -0.141 -0.142 -0.142 -0.144 -0.149 ...
## \$ tGravityAcc.mean...Z	: num 0.1154 0.1094 0.1019 0.0999 0.0945 ...
## \$ tGravityAcc.std...X	: num -0.985 -0.997 -1 -0.997 -0.998 ...
## \$ tGravityAcc.std...Y	: num -0.982 -0.989 -0.993 -0.981 -0.988 ...
## \$ tGravityAcc.std...Z	: num -0.878 -0.932 -0.993 -0.978 -0.979 ...
## \$ tGravityAcc.mad...X	: num -0.985 -0.998 -1 -0.996 -0.998 ...
## \$ tGravityAcc.mad...Y	: num -0.984 -0.99 -0.993 -0.981 -0.989 ...
## \$ tGravityAcc.mad...Z	: num -0.895 -0.933 -0.993 -0.978 -0.979 ...
## \$ tGravityAcc.max...X	: num 0.892 0.892 0.892 0.894 0.894 ...
## \$ tGravityAcc.max...Y	: num -0.161 -0.161 -0.164 -0.164 -0.167 ...
## \$ tGravityAcc.max...Z	: num 0.1247 0.1226 0.0946 0.0934 0.0917 ...
## \$ tGravityAcc.min...X	: num 0.977 0.985 0.987 0.987 0.987 ...
## \$ tGravityAcc.min...Y	: num -0.123 -0.115 -0.115 -0.121 -0.122 ...

```

## $ tGravityAcc.min...Z      : num  0.0565 0.1028 0.1028 0.0958 0.0941 ...
## $ tGravityAcc.sma..        : num  -0.375 -0.383 -0.402 -0.4 -0.4 ...
## $ tGravityAcc.energy...X   : num  0.899 0.908 0.909 0.911 0.912 ...
## $ tGravityAcc.energy...Y   : num  -0.971 -0.971 -0.97 -0.969 -0.967 ...
## $ tGravityAcc.energy...Z   : num  -0.976 -0.979 -0.982 -0.982 -0.984 ...
## $ tGravityAcc.iqr...X      : num  -0.984 -0.999 -1 -0.996 -0.998 ...
## $ tGravityAcc.iqr...Y      : num  -0.989 -0.99 -0.992 -0.981 -0.991 ...
## $ tGravityAcc.iqr...Z      : num  -0.918 -0.942 -0.993 -0.98 -0.98 ...
## $ tGravityAcc.entropy...X   : num  -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 ...
## $ tGravityAcc.entropy...Y   : num  -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 ...
## $ tGravityAcc.entropy...Z   : num  0.114 -0.21 -0.927 -0.596 -0.617 ...
## $ tGravityAcc.arCoeff...X.1 : num  -0.59042 -0.41006 0.00223 -0.06493 -0.25727 ...
## $ tGravityAcc.arCoeff...X.2 : num  0.5911 0.4139 0.0275 0.0754 0.2689 ...
## $ tGravityAcc.arCoeff...X.3 : num  -0.5918 -0.4176 -0.0567 -0.0858 -0.2807 ...
## $ tGravityAcc.arCoeff...X.4 : num  0.5925 0.4213 0.0855 0.0962 0.2926 ...
## $ tGravityAcc.arCoeff...Y.1 : num  -0.745 -0.196 -0.329 -0.295 -0.167 ...
## $ tGravityAcc.arCoeff...Y.2 : num  0.7209 0.1253 0.2705 0.2283 0.0899 ...
## $ tGravityAcc.arCoeff...Y.3 : num  -0.7124 -0.1056 -0.2545 -0.2063 -0.0663 ...
## $ tGravityAcc.arCoeff...Y.4 : num  0.7113 0.1091 0.2576 0.2048 0.0671 ...
## $ tGravityAcc.arCoeff...Z.1 : num  -0.995 -0.834 -0.705 -0.385 -0.237 ...
## $ tGravityAcc.arCoeff...Z.2 : num  0.996 0.834 0.714 0.386 0.239 ...
## $ tGravityAcc.arCoeff...Z.3 : num  -0.996 -0.834 -0.723 -0.387 -0.241 ...
## $ tGravityAcc.arCoeff...Z.4 : num  0.992 0.83 0.729 0.385 0.241 ...
## $ tGravityAcc.correlation...X.Y : num  0.57 -0.831 -0.181 -0.991 -0.408 ...
## $ tGravityAcc.correlation...X.Z : num  0.439 -0.866 0.338 -0.969 -0.185 ...
## $ tGravityAcc.correlation...Y.Z : num  0.987 0.974 0.643 0.984 0.965 ...
## $ tBodyAccJerk.mean...X      : num  0.078 0.074 0.0736 0.0773 0.0734 ...
## $ tBodyAccJerk.mean...Y      : num  0.005 0.00577 0.0031 0.02006 0.01912 ...
## $ tBodyAccJerk.mean...Z      : num  -0.06783 0.02938 -0.00905 -0.00986 0.01678 ...
## $ tBodyAccJerk.std...X       : num  -0.994 -0.996 -0.991 -0.993 -0.996 ...
## $ tBodyAccJerk.std...Y       : num  -0.988 -0.981 -0.981 -0.988 -0.988 ...
## $ tBodyAccJerk.std...Z       : num  -0.994 -0.992 -0.99 -0.993 -0.992 ...
## $ tBodyAccJerk.mad...X       : num  -0.994 -0.996 -0.991 -0.994 -0.997 ...
## $ tBodyAccJerk.mad...Y       : num  -0.986 -0.979 -0.979 -0.986 -0.987 ...
## $ tBodyAccJerk.mad...Z       : num  -0.993 -0.991 -0.987 -0.991 -0.991 ...
## $ tBodyAccJerk.max...X       : num  -0.985 -0.995 -0.987 -0.987 -0.997 ...
## $ tBodyAccJerk.max...Y       : num  -0.992 -0.979 -0.979 -0.992 -0.992 ...
## $ tBodyAccJerk.max...Z       : num  -0.993 -0.992 -0.992 -0.99 -0.99 ...
## $ tBodyAccJerk.min...X       : num  0.99 0.993 0.988 0.988 0.994 ...
## $ tBodyAccJerk.min...Y       : num  0.992 0.992 0.992 0.993 0.993 ...
## $ tBodyAccJerk.min...Z       : num  0.991 0.989 0.989 0.993 0.986 ...
## $ tBodyAccJerk.sma..        : num  -0.994 -0.991 -0.988 -0.993 -0.994 ...
## $ tBodyAccJerk.energy...X    : num  -1 -1 -1 -1 -1 ...
## $ tBodyAccJerk.energy...Y    : num  -1 -1 -1 -1 -1 ...
## $ tBodyAccJerk.energy...Z    : num  -1 -1 -1 -1 -1 ...
## [list output truncated]

```

```
pander(head(x), split.table = 80, style = 'rmarkdown')
```

Table 2: Table continues below

tBodyAcc.mean...X	tBodyAcc.mean...Y	tBodyAcc.mean...Z
0.2886	-0.02029	-0.1329

tBodyAcc.mean... X	tBodyAcc.mean... Y	tBodyAcc.mean... Z
0.2784	-0.01641	-0.1235
0.2797	-0.01947	-0.1135
0.2792	-0.0262	-0.1233
0.2766	-0.01657	-0.1154
0.2772	-0.0101	-0.1051

Table 3: Table continues below

tBodyAcc.std... X	tBodyAcc.std... Y	tBodyAcc.std... Z
-0.9953	-0.9831	-0.9135
-0.9982	-0.9753	-0.9603
-0.9954	-0.9672	-0.9789
-0.9961	-0.9834	-0.9907
-0.9981	-0.9808	-0.9905
-0.9973	-0.9905	-0.9954

Table 4: Table continues below

tBodyAcc.mad... X	tBodyAcc.mad... Y	tBodyAcc.mad... Z
-0.9951	-0.9832	-0.9235
-0.9988	-0.9749	-0.9577
-0.9965	-0.9637	-0.9775
-0.9971	-0.9827	-0.9893
-0.9983	-0.9797	-0.9904
-0.9976	-0.9902	-0.9955

Table 5: Table continues below

tBodyAcc.max... X	tBodyAcc.max... Y	tBodyAcc.max... Z
-0.9347	-0.5674	-0.7444
-0.9431	-0.5579	-0.8184
-0.9387	-0.5579	-0.8184
-0.9387	-0.5762	-0.8297
-0.9425	-0.5692	-0.8247
-0.9425	-0.5657	-0.8228

Table 6: Table continues below

tBodyAcc.min... X	tBodyAcc.min... Y	tBodyAcc.min... Z
0.8529	0.6858	0.8143
0.8493	0.6858	0.8226
0.8436	0.6824	0.8393
0.8436	0.6824	0.8379
0.8491	0.6832	0.8379
0.8491	0.6956	0.8459

Table 7: Table continues below

tBodyAcc.sma..	tBodyAcc.energy... X	tBodyAcc.energy... Y
-0.9655	-0.9999	-0.9999
-0.9819	-1	-0.9998
-0.9835	-1	-0.9997
-0.9861	-1	-0.9997
-0.9927	-1	-0.9999
-0.9939	-1	-0.9999

Table 8: Table continues below

tBodyAcc.energy... Z	tBodyAcc.iqr... X	tBodyAcc.iqr... Y
-0.9946	-0.9942	-0.9876
-0.9984	-0.9992	-0.9779
-0.9995	-0.9971	-0.9648
-0.9995	-0.9972	-0.9838
-0.9998	-0.998	-0.9812
-0.9999	-0.9976	-0.9918

Table 9: Table continues below

tBodyAcc.iqr... Z	tBodyAcc.entropy... X	tBodyAcc.entropy... Y
-0.9432	-0.4077	-0.6793
-0.9482	-0.7149	-0.5009
-0.9747	-0.5922	-0.4858
-0.986	-0.6274	-0.8509
-0.9913	-0.7866	-0.5595
-0.9954	-0.7519	-0.4548

Table 10: Table continues below

tBodyAcc.entropy... Z	tBodyAcc.arCoeff... X.1
-0.6021	0.9293
-0.571	0.6116
-0.571	0.273
-0.9119	0.06144
-0.7614	0.3133
-0.5509	0.3901

Table 11: Table continues below

tBodyAcc.arCoeff... X.2	tBodyAcc.arCoeff... X.3
-0.853	0.3599
-0.3295	0.2842
-0.08631	0.3372
0.07484	0.1982
-0.1312	0.1912

tBodyAcc.arCoeff. . . X.2	tBodyAcc.arCoeff. . . X.3
-0.1823	0.1588

Table 12: Table continues below

tBodyAcc.arCoeff. . . X.4	tBodyAcc.arCoeff. . . Y.1
-0.05853	0.2569
0.2846	0.1157
-0.1647	0.01715
-0.2643	0.07255
0.0869	0.2576
0.1873	0.26

Table 13: Table continues below

tBodyAcc.arCoeff. . . Y.2	tBodyAcc.arCoeff. . . Y.3
-0.2248	0.2641
-0.09096	0.2943
-0.07451	0.3423
-0.1553	0.3232
-0.2725	0.4347
-0.2432	0.4217

Table 14: Table continues below

tBodyAcc.arCoeff. . . Y.4	tBodyAcc.arCoeff. . . Z.1
-0.09525	0.2789
-0.2812	0.08599
-0.3326	0.2393
-0.1708	0.2949
-0.3154	0.4397
-0.4185	0.5585

Table 15: Table continues below

tBodyAcc.arCoeff. . . Z.2	tBodyAcc.arCoeff. . . Z.3
-0.4651	0.4919
-0.02215	-0.01666
-0.1362	0.1739
-0.3061	0.4821
-0.2691	0.1794
-0.2183	0.1651

Table 16: Table continues below

tBodyAcc.arCoeff. . . Z.4	tBodyAcc.correlation. . . X.Y
-0.1909	0.3763
-0.2206	-0.01343
-0.2995	-0.1247
-0.4701	-0.3057
-0.08895	-0.1558
0.08092	-0.21

Table 17: Table continues below

tBodyAcc.correlation. . . X.Z	tBodyAcc.correlation. . . Y.Z
0.4351	0.6608
-0.07269	0.5794
-0.1811	0.6089
-0.3627	0.5075
-0.1898	0.5992
-0.1511	0.1804

Table 18: Table continues below

tGravityAcc.mean. . . X	tGravityAcc.mean. . . Y	tGravityAcc.mean. . . Z
0.9634	-0.1408	0.1154
0.9666	-0.1416	0.1094
0.9669	-0.142	0.1019
0.9676	-0.144	0.09985
0.9682	-0.1488	0.09449
0.9679	-0.1482	0.09191

Table 19: Table continues below

tGravityAcc.std. . . X	tGravityAcc.std. . . Y	tGravityAcc.std. . . Z
-0.9852	-0.9817	-0.8776
-0.9974	-0.9894	-0.9316
-0.9996	-0.9929	-0.9929
-0.9966	-0.9814	-0.9785
-0.9984	-0.9881	-0.9787
-0.999	-0.9868	-0.9973

Table 20: Table continues below

tGravityAcc.mad. . . X	tGravityAcc.mad. . . Y	tGravityAcc.mad. . . Z
-0.985	-0.9844	-0.8947
-0.9979	-0.9896	-0.9332
-0.9996	-0.9926	-0.9929
-0.9965	-0.981	-0.9785
-0.9984	-0.9887	-0.9789

tGravityAcc.mad. . . X	tGravityAcc.mad. . . Y	tGravityAcc.mad. . . Z
-0.9991	-0.9866	-0.9974

Table 21: Table continues below

tGravityAcc.max. . . X	tGravityAcc.max. . . Y	tGravityAcc.max. . . Z
0.8921	-0.1613	0.1247
0.8921	-0.1613	0.1226
0.8924	-0.1637	0.09457
0.8938	-0.1637	0.09342
0.8938	-0.1668	0.09168
0.8937	-0.167	0.08335

Table 22: Table continues below

tGravityAcc.min. . . X	tGravityAcc.min. . . Y	tGravityAcc.min. . . Z
0.9774	-0.1232	0.05648
0.9845	-0.1149	0.1028
0.9868	-0.1149	0.1028
0.9868	-0.1213	0.09575
0.9874	-0.1218	0.09406
0.9877	-0.1218	0.09406

Table 23: Table continues below

tGravityAcc.sma..	tGravityAcc.energy. . . X	tGravityAcc.energy. . . Y
-0.3754	0.8995	-0.9709
-0.3834	0.9078	-0.9706
-0.4016	0.9087	-0.9704
-0.4003	0.9106	-0.9694
-0.4005	0.9122	-0.9671
-0.4094	0.9115	-0.9673

Table 24: Table continues below

tGravityAcc.energy. . . Z	tGravityAcc.iqr. . . X	tGravityAcc.iqr. . . Y
-0.9755	-0.9843	-0.9888
-0.9785	-0.9992	-0.99
-0.9817	-0.9997	-0.9921
-0.9824	-0.996	-0.9807
-0.9844	-0.9983	-0.9906
-0.9853	-0.9993	-0.9866

Table 25: Table continues below

tGravityAcc.iqr. . . Z	tGravityAcc.entropy. . . X
-0.9177	-1
-0.9417	-1
-0.9926	-1
-0.9798	-1
-0.9804	-1
-0.9977	-1

Table 26: Table continues below

tGravityAcc.entropy. . . Y	tGravityAcc.entropy. . . Z
-1	0.1138
-1	-0.2105
-1	-0.9268
-1	-0.5961
-1	-0.6166
-1	-1

Table 27: Table continues below

tGravityAcc.arCoeff. . . X.1	tGravityAcc.arCoeff. . . X.2
-0.5904	0.5911
-0.4101	0.4139
0.002234	0.02748
-0.06493	0.07543
-0.2573	0.2689
-0.3022	0.379

Table 28: Table continues below

tGravityAcc.arCoeff. . . X.3	tGravityAcc.arCoeff. . . X.4
-0.5918	0.5925
-0.4176	0.4213
-0.05673	0.08553
-0.08582	0.09621
-0.2807	0.2926
-0.4572	0.5368

Table 29: Table continues below

tGravityAcc.arCoeff. . . Y.1	tGravityAcc.arCoeff. . . Y.2
-0.7454	0.7209
-0.1964	0.1253
-0.329	0.2705
-0.295	0.2283
-0.1667	0.08994

tGravityAcc.arCoeff. . . Y.1	tGravityAcc.arCoeff. . . Y.2
-0.1981	0.1272

Table 30: Table continues below

tGravityAcc.arCoeff. . . Y.3	tGravityAcc.arCoeff. . . Y.4
-0.7124	0.7113
-0.1056	0.1091
-0.2545	0.2576
-0.2063	0.2048
-0.06633	0.06713
-0.1076	0.1114

Table 31: Table continues below

tGravityAcc.arCoeff. . . Z.1	tGravityAcc.arCoeff. . . Z.2
-0.9951	0.9957
-0.8339	0.8343
-0.705	0.7144
-0.3854	0.3864
-0.2375	0.2393
-0.1579	0.1754

Table 32: Table continues below

tGravityAcc.arCoeff. . . Z.3	tGravityAcc.arCoeff. . . Z.4
-0.9957	0.9917
-0.8342	0.8305
-0.7233	0.7288
-0.3871	0.3853
-0.241	0.2406
-0.1928	0.208

Table 33: Table continues below

tGravityAcc.correlation. . . X.Y	tGravityAcc.correlation. . . X.Z
0.5702	0.439
-0.8313	-0.8657
-0.1811	0.3379
-0.9913	-0.9688
-0.4083	-0.1848
-0.564	0.4665

Table 34: Table continues below

tGravityAcc.correlation... Y.Z	tBodyAccJerk.mean... X
0.9869	0.078
0.9744	0.07401
0.6434	0.07364
0.9843	0.07732
0.9648	0.07344
0.4431	0.07793

Table 35: Table continues below

tBodyAccJerk.mean... Y	tBodyAccJerk.mean... Z	tBodyAccJerk.std... X
0.005001	-0.06783	-0.9935
0.005771	0.02938	-0.9955
0.003104	-0.009046	-0.9907
0.02006	-0.009865	-0.9927
0.01912	0.01678	-0.9964
0.01868	0.009344	-0.9948

Table 36: Table continues below

tBodyAccJerk.std... Y	tBodyAccJerk.std... Z	tBodyAccJerk.mad... X
-0.9884	-0.9936	-0.9945
-0.9811	-0.9918	-0.9956
-0.981	-0.9897	-0.9909
-0.9876	-0.9935	-0.9943
-0.9884	-0.9925	-0.9966
-0.9887	-0.9923	-0.9952

Table 37: Table continues below

tBodyAccJerk.mad... Y	tBodyAccJerk.mad... Z	tBodyAccJerk.max... X
-0.9862	-0.9928	-0.9852
-0.9789	-0.9913	-0.9945
-0.9793	-0.9872	-0.9871
-0.9857	-0.9915	-0.9871
-0.9865	-0.9907	-0.997
-0.9868	-0.9911	-0.9941

Table 38: Table continues below

tBodyAccJerk.max... Y	tBodyAccJerk.max... Z	tBodyAccJerk.min... X
-0.992	-0.9931	0.9898
-0.9791	-0.9923	0.9926
-0.9791	-0.9923	0.9884
-0.9918	-0.9898	0.9884
-0.9918	-0.9898	0.9943

tBodyAccJerk.max... Y	tBodyAccJerk.max... Z	tBodyAccJerk.min... X
-0.9918	-0.9926	0.9943

Table 39: Table continues below

tBodyAccJerk.min... Y	tBodyAccJerk.min... Z	tBodyAccJerk.sma..
0.992	0.9905	-0.9935
0.9918	0.9885	-0.9914
0.9918	0.9885	-0.9881
0.9925	0.9932	-0.9929
0.9925	0.9856	-0.9938
0.9933	0.9856	-0.9935

Table 40: Table continues below

tBodyAccJerk.energy... X	tBodyAccJerk.energy... Y
-0.9999	-0.9998
-1	-0.9996
-0.9999	-0.9996
-0.9999	-0.9998
-1	-0.9998
-1	-0.9998

Table 41: Table continues below

tBodyAccJerk.energy... Z	tBodyAccJerk.iqr... X	tBodyAccJerk.iqr... Y
-0.9999	-0.9944	-0.986
-0.9998	-0.9939	-0.9794
-0.9998	-0.9878	-0.9801
-0.9999	-0.9947	-0.987
-0.9999	-0.9959	-0.9865
-0.9999	-0.9953	-0.9874

Table 42: Table continues below

tBodyAccJerk.iqr... Z	tBodyAccJerk.entropy... X
-0.9892	-0.8199
-0.9934	-0.8751
-0.9819	-0.7536
-0.9889	-0.8208
-0.9906	-0.8507
-0.9896	-0.7787

Table 43: Table continues below

tBodyAccJerk.entropy... Y	tBodyAccJerk.entropy... Z
-0.793	-0.8889
-0.6554	-0.7674
-0.6733	-0.7471
-0.755	-0.8253
-0.7463	-0.797
-0.755	-0.7909

Table 44: Table continues below

tBodyAccJerk.arCoeff... X.1	tBodyAccJerk.arCoeff... X.2
1	-0.2207
0.4897	0.071
0.2652	0.1884
0.1229	0.2764
0.2409	0.1349
0.2807	0.1004

Table 45: Table continues below

tBodyAccJerk.arCoeff... X.3	tBodyAccJerk.arCoeff... X.4
0.6368	0.3876
0.3627	0.5273
0.4646	0.3717
0.4574	0.1934
0.2969	0.2872
0.2597	0.2019

Table 46: Table continues below

tBodyAccJerk.arCoeff... Y.1	tBodyAccJerk.arCoeff... Y.2
0.2414	-0.05225
0.1494	0.06293
0.08266	-0.004622
0.1024	-0.0991
0.319	-0.1434
0.3506	-0.07727

Table 47: Table continues below

tBodyAccJerk.arCoeff... Y.3	tBodyAccJerk.arCoeff... Y.4
0.2642	0.3734
0.3705	0.4135
0.3275	0.4376
0.1947	0.4842
0.4775	0.418

tBodyAccJerk.arCoeff. . . Y.3	tBodyAccJerk.arCoeff. . . Y.4
0.5627	0.352

Table 48: Table continues below

tBodyAccJerk.arCoeff. . . Z.1	tBodyAccJerk.arCoeff. . . Z.2
0.3418	-0.5698
0.1222	0.1806
0.2579	0.07003
0.3577	-0.187
0.3895	-0.03031
0.3687	0.04339

Table 49: Table continues below

tBodyAccJerk.arCoeff. . . Z.3	tBodyAccJerk.arCoeff. . . Z.4
0.2654	-0.4779
0.04742	0.1666
0.187	0.2468
0.2981	0.4519
0.1633	0.1802
0.1473	0.2992

Table 50: Table continues below

tBodyAccJerk.correlation. . . X.Y	tBodyAccJerk.correlation. . . X.Z
-0.3853	0.03364
-0.2088	0.0841
-0.1201	-0.11
-0.1275	-0.08328
-0.2729	0.1031
-0.3746	0.04183

Table 51: Table continues below

tBodyAccJerk.correlation. . . Y.Z	tBodyGyro.mean. . . X
-0.1265	-0.006101
-0.2686	-0.01611
-0.03995	-0.0317
0.4571	-0.04341
0.06473	-0.03396
-0.1118	-0.02878

Table 52: Table continues below

tBodyGyro.mean... Y	tBodyGyro.mean... Z	tBodyGyro.std... X
-0.03136	0.1077	-0.9853
-0.08389	0.1006	-0.9831
-0.1023	0.09613	-0.9763
-0.09139	0.08554	-0.9914
-0.07471	0.07739	-0.9852
-0.07039	0.07901	-0.9852

Table 53: Table continues below

tBodyGyro.std... Y	tBodyGyro.std... Z	tBodyGyro.mad... X
-0.9766	-0.9922	-0.9846
-0.989	-0.9891	-0.9869
-0.9936	-0.9864	-0.9749
-0.9924	-0.9876	-0.9916
-0.9924	-0.9874	-0.9869
-0.9921	-0.9831	-0.9858

Table 54: Table continues below

tBodyGyro.mad... Y	tBodyGyro.mad... Z	tBodyGyro.max... X
-0.9764	-0.9924	-0.867
-0.989	-0.9892	-0.8649
-0.9941	-0.9858	-0.8649
-0.9931	-0.9896	-0.8853
-0.9925	-0.9882	-0.8702
-0.9923	-0.9827	-0.8702

Table 55: Table continues below

tBodyGyro.max... Y	tBodyGyro.max... Z	tBodyGyro.min... X
-0.9338	-0.7476	0.8473
-0.9536	-0.7459	0.8337
-0.959	-0.7433	0.8337
-0.9567	-0.7433	0.8342
-0.9534	-0.7498	0.8391
-0.9534	-0.7464	0.8398

Table 56: Table continues below

tBodyGyro.min... Y	tBodyGyro.min... Z	tBodyGyro.sma..
0.9149	0.8308	-0.9672
0.9081	0.8289	-0.9806
0.9058	0.8289	-0.9763
0.9058	0.8266	-0.9823
0.9112	0.8214	-0.9853

tBodyGyro.min... Y	tBodyGyro.min... Z	tBodyGyro.sma..
0.9112	0.8188	-0.9852

Table 57: Table continues below

tBodyGyro.energy... X	tBodyGyro.energy... Y	tBodyGyro.energy... Z
-0.9996	-0.9994	-0.9998
-0.9998	-0.9999	-0.9998
-0.9997	-0.9998	-0.9998
-0.9998	-0.9999	-0.9999
-0.9998	-1	-0.9998
-0.9999	-0.9999	-0.9998

Table 58: Table continues below

tBodyGyro.iqr... X	tBodyGyro.iqr... Y	tBodyGyro.iqr... Z
-0.9834	-0.9786	-0.993
-0.9928	-0.9893	-0.9902
-0.9724	-0.9951	-0.9868
-0.991	-0.9942	-0.9946
-0.9898	-0.9933	-0.9912
-0.9853	-0.993	-0.9837

Table 59: Table continues below

tBodyGyro.entropy... X	tBodyGyro.entropy... Y	tBodyGyro.entropy... Z
0.08263	0.2023	-0.1688
0.007469	-0.5312	-0.1774
-0.2609	-1	-0.2484
-0.9306	-0.8266	-0.5434
-0.6289	-0.4678	-0.6509
-0.3638	-0.3705	-0.4621

Table 60: Table continues below

tBodyGyro.arCoeff... X.1	tBodyGyro.arCoeff... X.2
0.09632	-0.275
-0.3877	0.1791
-0.4372	0.239
-0.1659	-0.01288
-0.2127	0.002111
-0.4028	0.242

Table 61: Table continues below

tBodyGyro.arCoeff. . . X.3	tBodyGyro.arCoeff. . . X.4
0.4986	-0.2203
0.2108	-0.1403
0.1452	-0.1139
0.3201	-0.1651
0.3881	-0.2333
0.05914	0.03028

Table 62: Table continues below

tBodyGyro.arCoeff. . . Y.1	tBodyGyro.arCoeff. . . Y.2
1	-0.973
-0.04703	-0.06495
0.03231	-0.1279
0.04455	-0.1252
-0.1632	0.1865
-0.1197	0.1506

Table 63: Table continues below

tBodyGyro.arCoeff. . . Y.3	tBodyGyro.arCoeff. . . Y.4
0.3167	0.3757
0.1177	0.08169
0.1149	0.1254
0.07832	0.177
-0.4349	0.6501
-0.3809	0.5733

Table 64: Table continues below

tBodyGyro.arCoeff. . . Z.1	tBodyGyro.arCoeff. . . Z.2
0.7234	-0.7711
0.04236	-0.1499
0.1121	-0.1656
0.1934	-0.2072
0.24	-0.3395
0.1038	-0.2277

Table 65: Table continues below

tBodyGyro.arCoeff. . . Z.3	tBodyGyro.arCoeff. . . Z.4
0.6902	-0.3318
0.2926	-0.1494
0.1346	0.1843
0.1125	0.2021
0.1325	0.4733

tBodyGyro.arCoeff. . . Z.3	tBodyGyro.arCoeff. . . Z.4
0.1382	0.3462

Table 66: Table continues below

tBodyGyro.correlation. . . X.Y	tBodyGyro.correlation. . . X.Z
0.7096	0.1349
0.04672	-0.2569
-0.01013	0.04331
0.2102	0.1411
-0.142	0.4844
-0.4481	0.645

Table 67: Table continues below

tBodyGyro.correlation. . . Y.Z	tBodyGyroJerk.mean. . . X
0.3011	-0.09917
0.1694	-0.1105
-0.3506	-0.1085
-0.7253	-0.09117
-0.7246	-0.09077
-0.746	-0.09425

Table 68: Table continues below

tBodyGyroJerk.mean. . . Y	tBodyGyroJerk.mean. . . Z
-0.05552	-0.06199
-0.04482	-0.05924
-0.04241	-0.05583
-0.03633	-0.06046
-0.03763	-0.05829
-0.04336	-0.04194

Table 69: Table continues below

tBodyGyroJerk.std. . . X	tBodyGyroJerk.std. . . Y	tBodyGyroJerk.std. . . Z
-0.9921	-0.9925	-0.9921
-0.9899	-0.9973	-0.9939
-0.9885	-0.9956	-0.9915
-0.9911	-0.9966	-0.9933
-0.9914	-0.9965	-0.9945
-0.9916	-0.996	-0.9931

Table 70: Table continues below

tBodyGyroJerk.mad. . . X	tBodyGyroJerk.mad. . . Y	tBodyGyroJerk.mad. . . Z
-0.9922	-0.9949	-0.9926
-0.9899	-0.9975	-0.9938
-0.9879	-0.9957	-0.9916
-0.9912	-0.997	-0.994
-0.9929	-0.9965	-0.9944
-0.993	-0.996	-0.9926

Table 71: Table continues below

tBodyGyroJerk.max. . . X	tBodyGyroJerk.max. . . Y	tBodyGyroJerk.max. . . Z
-0.9902	-0.9867	-0.992
-0.9919	-0.9977	-0.9949
-0.9934	-0.9938	-0.989
-0.9937	-0.9938	-0.989
-0.9798	-0.9975	-0.9934
-0.9798	-0.9975	-0.9934

Table 72: Table continues below

tBodyGyroJerk.min. . . X	tBodyGyroJerk.min. . . Y	tBodyGyroJerk.min. . . Z
0.9944	0.9918	0.9894
0.9905	0.9971	0.9945
0.9893	0.9971	0.9941
0.9893	0.9981	0.9941
0.9937	0.9975	0.9965
0.9938	0.9975	0.9965

Table 73: Table continues below

tBodyGyroJerk.sma..	tBodyGyroJerk.energy. . . X
-0.9945	-0.9999
-0.9953	-0.9999
-0.9934	-0.9999
-0.9955	-0.9999
-0.9959	-0.9999
-0.9952	-0.9999

Table 74: Table continues below

tBodyGyroJerk.energy. . . Y	tBodyGyroJerk.energy. . . Z
-1	-0.9999
-1	-0.9999
-1	-0.9999
-1	-0.9999
-1	-1

tBodyGyroJerk.energy... Y	tBodyGyroJerk.energy... Z
-1	-0.9999

Table 75: Table continues below

tBodyGyroJerk.iqr... X	tBodyGyroJerk.iqr... Y	tBodyGyroJerk.iqr... Z
-0.9923	-0.9969	-0.9922
-0.9907	-0.9973	-0.9938
-0.9871	-0.9954	-0.9928
-0.9909	-0.9971	-0.9954
-0.9945	-0.9967	-0.994
-0.9937	-0.9961	-0.992

Table 76: Table continues below

tBodyGyroJerk.entropy... X	tBodyGyroJerk.entropy... Y
-0.5899	-0.6885
-0.6009	-0.7482
-0.5436	-0.673
-0.562	-0.7313
-0.6177	-0.6831
-0.6279	-0.6806

Table 77: Table continues below

tBodyGyroJerk.entropy... Z	tBodyGyroJerk.arCoeff... X.1
-0.5721	0.2924
-0.6089	-0.1933
-0.5884	-0.2412
-0.6614	0.009895
-0.6329	-0.02568
-0.5419	-0.2655

Table 78: Table continues below

tBodyGyroJerk.arCoeff... X.2	tBodyGyroJerk.arCoeff... X.3
-0.362	0.4055
-0.06741	0.1856
-0.01138	0.1161
-0.1376	0.126
-0.1881	0.2309
0.0558	-0.04564

Table 79: Table continues below

tBodyGyroJerk.arCoeff. . . X.4	tBodyGyroJerk.arCoeff. . . Y.1
-0.03901	0.9893
0.04152	0.07235
0.08963	0.09599
0.3161	0.09433
0.2003	-0.1494
0.2363	-0.1222

Table 80: Table continues below

tBodyGyroJerk.arCoeff. . . Y.2	tBodyGyroJerk.arCoeff. . . Y.3
-0.4146	0.3916
-0.03538	0.1776
0.009604	0.09513
0.02617	0.06966
0.272	-0.2715
0.2681	-0.1937

Table 81: Table continues below

tBodyGyroJerk.arCoeff. . . Y.4	tBodyGyroJerk.arCoeff. . . Z.1
0.2823	0.9273
0.0275	0.1827
0.2529	0.1816
0.2467	0.2574
-0.009937	0.2351
-0.00532	0.2034

Table 82: Table continues below

tBodyGyroJerk.arCoeff. . . Z.2	tBodyGyroJerk.arCoeff. . . Z.3
-0.5724	0.6916
-0.1675	0.2533
-0.1693	0.132
-0.1368	0.08732
-0.341	-0.08571
-0.2967	0.06993

Table 83: Table continues below

tBodyGyroJerk.arCoeff. . . Z.4	tBodyGyroJerk.correlation. . . X.Y
0.4683	-0.1311
0.1323	0.2939
0.008197	0.1933
0.1491	0.1967
0.164	0.1206

tBodyGyroJerk.arCoeff. . . Z.4	tBodyGyroJerk.correlation. . . X.Y
-0.01226	0.01791

Table 84: Table continues below

tBodyGyroJerk.correlation. . . X.Z	tBodyGyroJerk.correlation. . . Y.Z
-0.08716	0.3362
-0.01808	-0.3433
0.07372	-0.3149
0.1405	-0.3059
0.1075	-0.2826
0.1867	-0.3212

Table 85: Table continues below

tBodyAccMag.mean..	tBodyAccMag.std..	tBodyAccMag.mad..
-0.9594	-0.9506	-0.958
-0.9793	-0.9761	-0.9782
-0.9837	-0.988	-0.9883
-0.9865	-0.9864	-0.9864
-0.9928	-0.9913	-0.9912
-0.9943	-0.9952	-0.995

Table 86: Table continues below

tBodyAccMag.max..	tBodyAccMag.min..	tBodyAccMag.sma..
-0.9463	-0.9926	-0.9594
-0.9787	-0.9953	-0.9793
-0.9865	-0.9953	-0.9837
-0.9865	-0.997	-0.9865
-0.991	-0.997	-0.9928
-0.9957	-0.9942	-0.9943

Table 87: Table continues below

tBodyAccMag.energy..	tBodyAccMag.iqr..	tBodyAccMag.entropy..
-0.9985	-0.9576	-0.2326
-0.9995	-0.9812	-0.4419
-0.9997	-0.9858	-0.5999
-0.9997	-0.9835	-0.589
-0.9999	-0.9896	-0.7046
-0.9999	-0.9935	-0.7853

Table 88: Table continues below

tBodyAccMag.arCoeff..1	tBodyAccMag.arCoeff..2
-0.1732	-0.0229
0.08157	-0.1094
0.03805	-0.07421
-0.09286	0.0464
0.1804	-0.2777
0.3703	-0.3935

Table 89: Table continues below

tBodyAccMag.arCoeff..3	tBodyAccMag.arCoeff..4
0.09483	0.1918
0.3118	-0.4117
0.2541	-0.2961
-0.0004664	0.03714
0.5156	-0.3559
0.5635	-0.4815

Table 90: Table continues below

tGravityAccMag.mean..	tGravityAccMag.std..	tGravityAccMag.mad..
-0.9594	-0.9506	-0.958
-0.9793	-0.9761	-0.9782
-0.9837	-0.988	-0.9883
-0.9865	-0.9864	-0.9864
-0.9928	-0.9913	-0.9912
-0.9943	-0.9952	-0.995

Table 91: Table continues below

tGravityAccMag.max..	tGravityAccMag.min..	tGravityAccMag.sma..
-0.9463	-0.9926	-0.9594
-0.9787	-0.9953	-0.9793
-0.9865	-0.9953	-0.9837
-0.9865	-0.997	-0.9865
-0.991	-0.997	-0.9928
-0.9957	-0.9942	-0.9943

Table 92: Table continues below

tGravityAccMag.energy..	tGravityAccMag.iqr..
-0.9985	-0.9576
-0.9995	-0.9812
-0.9997	-0.9858
-0.9997	-0.9835
-0.9999	-0.9896

tGravityAccMag.energy..	tGravityAccMag.iqr..
-0.9999	-0.9935

Table 93: Table continues below

tGravityAccMag.entropy..	tGravityAccMag.arCoeff..1
-0.2326	-0.1732
-0.4419	0.08157
-0.5999	0.03805
-0.589	-0.09286
-0.7046	0.1804
-0.7853	0.3703

Table 94: Table continues below

tGravityAccMag.arCoeff..2	tGravityAccMag.arCoeff..3
-0.0229	0.09483
-0.1094	0.3118
-0.07421	0.2541
0.0464	-0.0004664
-0.2777	0.5156
-0.3935	0.5635

Table 95: Table continues below

tGravityAccMag.arCoeff..4	tBodyAccJerkMag.mean..
0.1918	-0.9933
-0.4117	-0.9913
-0.2961	-0.9885
0.03714	-0.9931
-0.3559	-0.9935
-0.4815	-0.993

Table 96: Table continues below

tBodyAccJerkMag.std..	tBodyAccJerkMag.mad..	tBodyAccJerkMag.max..
-0.9943	-0.9945	-0.9928
-0.9917	-0.9927	-0.9887
-0.9904	-0.9907	-0.9887
-0.9934	-0.9932	-0.9934
-0.9959	-0.9961	-0.9933
-0.9954	-0.9955	-0.9933

Table 97: Table continues below

tBodyAccJerkMag.min..	tBodyAccJerkMag.sma..
-0.9912	-0.9933
-0.9912	-0.9913
-0.993	-0.9885
-0.993	-0.9931
-0.9813	-0.9935
-0.9932	-0.993

Table 98: Table continues below

tBodyAccJerkMag.energy..	tBodyAccJerkMag.iqr..
-0.9999	-0.9929
-0.9998	-0.9935
-0.9998	-0.99
-0.9999	-0.9917
-0.9999	-0.9968
-0.9999	-0.995

Table 99: Table continues below

tBodyAccJerkMag.entropy..	tBodyAccJerkMag.arCoeff..1
-0.8634	0.2831
-0.8199	0.4588
-0.7949	0.6497
-0.7923	0.6616
-0.85	0.3116
-0.8713	0.07271

Table 100: Table continues below

tBodyAccJerkMag.arCoeff..2	tBodyAccJerkMag.arCoeff..3
-0.2373	-0.1054
-0.2449	0.05614
-0.2601	-0.1284
-0.2475	-0.2303
-0.1701	0.1344
0.01782	-0.06859

Table 101: Table continues below

tBodyAccJerkMag.arCoeff..4	tBodyGyroMag.mean..	tBodyGyroMag.std..
-0.03821	-0.969	-0.9643
-0.4583	-0.9807	-0.9838
-0.5205	-0.9763	-0.9861
-0.4365	-0.9821	-0.9874
-0.4583	-0.9852	-0.9891

tBodyAccJerkMag.arCoeff..4	tBodyGyroMag.mean..	tBodyGyroMag.std..
-0.1662	-0.9859	-0.9864

Table 102: Table continues below

tBodyGyroMag.mad..	tBodyGyroMag.max..	tBodyGyroMag.min..
-0.9572	-0.9751	-0.9916
-0.982	-0.9847	-0.9916
-0.9845	-0.9847	-0.9662
-0.9856	-0.99	-0.9817
-0.9896	-0.987	-0.9817
-0.9863	-0.987	-0.9904

Table 103: Table continues below

tBodyGyroMag.sma..	tBodyGyroMag.energy..	tBodyGyroMag.iqr..
-0.969	-0.9993	-0.9498
-0.9807	-0.9997	-0.9829
-0.9763	-0.9996	-0.9835
-0.9821	-0.9998	-0.984
-0.9852	-0.9998	-0.9923
-0.9859	-0.9998	-0.9893

Table 104: Table continues below

tBodyGyroMag.entropy..	tBodyGyroMag.arCoeff..1
0.07258	0.5725
-0.1929	-0.2253
-0.2228	-0.2268
-0.2407	-0.202
-0.3387	-0.237
-0.2449	-0.1727

Table 105: Table continues below

tBodyGyroMag.arCoeff..2	tBodyGyroMag.arCoeff..3
-0.7386	0.2126
-0.01706	0.1558
0.05968	0.06148
0.05471	0.1101
0.09382	0.02333
-0.007801	0.09589

Table 106: Table continues below

tBodyGyroMag.arCoeff..4	tBodyGyroJerkMag.mean..
0.4334	-0.9942
0.08258	-0.9951
0.0417	-0.9934
-0.07942	-0.9955
0.03904	-0.9958
0.06976	-0.9953

Table 107: Table continues below

tBodyGyroJerkMag.std..	tBodyGyroJerkMag.mad..
-0.9914	-0.9931
-0.9961	-0.9958
-0.9951	-0.9949
-0.9953	-0.9953
-0.9953	-0.9963
-0.9952	-0.9961

Table 108: Table continues below

tBodyGyroJerkMag.max..	tBodyGyroJerkMag.min..
-0.9889	-0.9935
-0.9965	-0.992
-0.9954	-0.9977
-0.9954	-0.9977
-0.9924	-0.9922
-0.9924	-0.9928

Table 109: Table continues below

tBodyGyroJerkMag.sma..	tBodyGyroJerkMag.energy..
-0.9942	-0.9999
-0.9951	-1
-0.9934	-1
-0.9955	-1
-0.9958	-1
-0.9953	-1

Table 110: Table continues below

tBodyGyroJerkMag.iqr..	tBodyGyroJerkMag.entropy..
-0.9945	-0.6198
-0.9948	-0.7307
-0.994	-0.6629
-0.995	-0.683
-0.9965	-0.7202

tBodyGyroJerkMag.iqr..	tBodyGyroJerkMag.entropy..
-0.9961	-0.7511

Table 111: Table continues below

tBodyGyroJerkMag.arCoeff..1	tBodyGyroJerkMag.arCoeff..2
0.2928	-0.1769
0.2093	-0.1781
0.328	-0.1546
0.5954	-0.2646
0.3319	-0.2606
0.1788	-0.1814

Table 112: Table continues below

tBodyGyroJerkMag.arCoeff..3	tBodyGyroJerkMag.arCoeff..4
-0.1458	-0.1241
-0.1031	-0.04382
-0.2206	-0.1075
-0.3157	-0.1638
-0.1457	-0.007368
0.04957	-0.1689

Table 113: Table continues below

fBodyAcc.mean... X	fBodyAcc.mean... Y	fBodyAcc.mean... Z
-0.9948	-0.983	-0.9393
-0.9975	-0.9769	-0.9735
-0.9936	-0.9725	-0.9833
-0.9955	-0.9836	-0.9911
-0.9973	-0.9823	-0.9884
-0.9967	-0.9869	-0.9927

Table 114: Table continues below

fBodyAcc.std... X	fBodyAcc.std... Y	fBodyAcc.std... Z
-0.9954	-0.9831	-0.9062
-0.9987	-0.9749	-0.9554
-0.9963	-0.9655	-0.977
-0.9963	-0.9832	-0.9902
-0.9986	-0.9801	-0.9919
-0.9976	-0.9923	-0.997

Table 115: Table continues below

fBodyAcc.mad... X	fBodyAcc.mad... Y	fBodyAcc.mad... Z
-0.9969	-0.9845	-0.9321
-0.9979	-0.9769	-0.9684
-0.9941	-0.9717	-0.9822
-0.9945	-0.9828	-0.989
-0.9977	-0.9824	-0.9909
-0.9966	-0.9899	-0.995

Table 116: Table continues below

fBodyAcc.max... X	fBodyAcc.max... Y	fBodyAcc.max... Z
-0.9938	-0.9832	-0.8851
-0.9994	-0.9738	-0.9488
-0.9982	-0.9631	-0.9686
-0.9974	-0.9873	-0.9878
-0.9993	-0.9808	-0.9891
-0.9986	-0.9934	-0.9983

Table 117: Table continues below

fBodyAcc.min... X	fBodyAcc.min... Y	fBodyAcc.min... Z
-0.994	-0.9934	-0.9234
-0.9983	-0.9927	-0.9895
-0.9971	-0.9899	-0.9909
-0.9944	-0.9903	-0.9966
-0.995	-0.9918	-0.9745
-0.9957	-0.9952	-0.9863

Table 118: Table continues below

fBodyAcc.sma..	fBodyAcc.energy... X	fBodyAcc.energy... Y
-0.9747	-1	-0.9997
-0.9858	-1	-0.9994
-0.9858	-1	-0.9991
-0.9928	-1	-0.9997
-0.9924	-1	-0.9996
-0.995	-1	-0.9999

Table 119: Table continues below

fBodyAcc.energy... Z	fBodyAcc.iqr... X	fBodyAcc.iqr... Y
-0.9949	-0.9959	-0.9897
-0.9986	-0.9949	-0.9808
-0.9994	-0.9886	-0.9772
-0.9998	-0.9904	-0.9919
-0.9998	-0.9938	-0.9882

fBodyAcc.energy... Z	fBodyAcc.iqr... X	fBodyAcc.iqr... Y
-0.9999	-0.9948	-0.9869

Table 120: Table continues below

fBodyAcc.iqr... Z	fBodyAcc.entropy... X	fBodyAcc.entropy... Y
-0.988	-0.9464	-0.9047
-0.9858	-1	-0.9047
-0.9813	-1	-0.8158
-0.9881	-1	-0.8704
-0.9864	-1	-0.8704
-0.9878	-1	-0.9449

Table 121: Table continues below

fBodyAcc.entropy... Z	fBodyAcc.maxInds.X	fBodyAcc.maxInds.Y
-0.5913	-1	-1
-0.7584	0.09677	-1
-0.8135	-0.9355	-1
-0.9442	-1	-1
-0.9442	0.09677	-1
-1	-0.6129	-1

Table 122: Table continues below

fBodyAcc.maxInds.Z	fBodyAcc.meanFreq... X	fBodyAcc.meanFreq... Y
-1	0.2525	0.1318
-1	0.2713	0.04286
-1	0.1245	-0.06461
-1	0.02904	0.0803
-1	0.1811	0.05799
-1	0.1574	0.3188

Table 123: Table continues below

fBodyAcc.meanFreq... Z	fBodyAcc.skewness... X	fBodyAcc.kurtosis... X
-0.05205	0.1421	-0.1507
-0.01431	-0.6925	-0.954
0.08268	-0.7272	-0.9654
0.1857	-0.5991	-0.9084
0.5598	-0.677	-0.9514
0.6056	-0.6311	-0.9349

Table 124: Table continues below

fBodyAcc.skewness... Y	fBodyAcc.kurtosis... Y	fBodyAcc.skewness... Z
-0.2205	-0.5587	0.2468
-0.04971	-0.332	0.05668
0.1631	-0.09215	-0.04494
-0.4609	-0.8131	-0.5668
-0.1804	-0.5337	-0.5855
-0.6608	-0.8994	-0.8807

Table 125: Table continues below

fBodyAcc.kurtosis... Z	fBodyAcc.bandsEnergy... 1.8
-0.007416	-1
-0.289	-1
-0.2884	-1
-0.7712	-1
-0.7904	-1
-0.9636	-1

Table 126: Table continues below

fBodyAcc.bandsEnergy... 9.16	fBodyAcc.bandsEnergy... 17.24
-1	-1
-1	-0.9999
-1	-0.9998
-1	-0.9998
-1	-0.9999
-1	-0.9999

Table 127: Table continues below

fBodyAcc.bandsEnergy... 25.32	fBodyAcc.bandsEnergy... 33.40
-1	-0.9999
-1	-0.9999
-0.9998	-0.9999
-0.9999	-1
-0.9999	-1
-0.9999	-0.9999

Table 128: Table continues below

fBodyAcc.bandsEnergy... 41.48	fBodyAcc.bandsEnergy... 49.56
-0.9997	-0.9997
-0.9999	-1
-0.9999	-0.9999
-0.9999	-1
-0.9999	-1

fBodyAcc.bandsEnergy... 41.48	fBodyAcc.bandsEnergy... 49.56
-0.9999	-1

Table 129: Table continues below

fBodyAcc.bandsEnergy... 57.64	fBodyAcc.bandsEnergy... 1.16
-1	-1
-1	-1
-1	-1
-1	-1
-1	-1
-1	-1

Table 130: Table continues below

fBodyAcc.bandsEnergy... 17.32	fBodyAcc.bandsEnergy... 33.48
-1	-0.9999
-0.9999	-0.9999
-0.9998	-0.9999
-0.9998	-1
-0.9999	-1
-0.9999	-0.9999

Table 131: Table continues below

fBodyAcc.bandsEnergy... 49.64	fBodyAcc.bandsEnergy... 1.24
-0.9998	-1
-1	-1
-0.9999	-1
-1	-1
-1	-1
-1	-1

Table 132: Table continues below

fBodyAcc.bandsEnergy... 25.48	fBodyAcc.bandsEnergy... 1.8.1
-0.9999	-0.9997
-0.9999	-0.9994
-0.9999	-0.999
-0.9999	-0.9997
-1	-0.9996
-0.9999	-0.9999

Table 133: Table continues below

fBodyAcc.bandsEnergy... 9.16.1	fBodyAcc.bandsEnergy... 17.24.1
-0.9999	-0.9999
-0.9998	-0.9996
-0.9997	-0.9997
-0.9997	-0.9999
-0.9999	-0.9999
-0.9999	-0.9998

Table 134: Table continues below

fBodyAcc.bandsEnergy... 25.32.1	fBodyAcc.bandsEnergy... 33.40.1
-0.9999	-0.9997
-0.9999	-0.9995
-0.9998	-0.9996
-0.9999	-0.9996
-0.9999	-0.9997
-0.9998	-0.9998

Table 135: Table continues below

fBodyAcc.bandsEnergy... 41.48.1	fBodyAcc.bandsEnergy... 49.56.1
-0.9997	-0.9995
-0.9997	-0.9996
-0.9997	-0.9996
-0.9999	-0.9995
-0.9997	-0.9995
-0.9997	-0.9996

Table 136: Table continues below

fBodyAcc.bandsEnergy... 57.64.1	fBodyAcc.bandsEnergy... 1.16.1
-0.9998	-0.9997
-0.9999	-0.9995
-0.9999	-0.9991
-0.9999	-0.9997
-0.9999	-0.9996
-0.9999	-0.9999

Table 137: Table continues below

fBodyAcc.bandsEnergy... 17.32.1	fBodyAcc.bandsEnergy... 33.48.1
-0.9998	-0.9997
-0.9996	-0.9996
-0.9996	-0.9996
-0.9999	-0.9997
-0.9998	-0.9997

fBodyAcc.bandsEnergy... 17.32.1	fBodyAcc.bandsEnergy... 33.48.1
-0.9998	-0.9998

Table 138: Table continues below

fBodyAcc.bandsEnergy... 49.64.1	fBodyAcc.bandsEnergy... 1.24.1
-0.9996	-0.9997
-0.9997	-0.9994
-0.9997	-0.9991
-0.9996	-0.9997
-0.9997	-0.9996
-0.9997	-0.9999

Table 139: Table continues below

fBodyAcc.bandsEnergy... 25.48.1	fBodyAcc.bandsEnergy... 1.8.2
-0.9998	-0.9936
-0.9998	-0.9982
-0.9998	-0.9994
-0.9999	-0.9998
-0.9998	-0.9998
-0.9998	-0.9999

Table 140: Table continues below

fBodyAcc.bandsEnergy... 9.16.2	fBodyAcc.bandsEnergy... 17.24.2
-0.9995	-0.9997
-0.9998	-0.9997
-0.9997	-0.9997
-0.9998	-0.9998
-0.9998	-0.9998
-0.9998	-0.9999

Table 141: Table continues below

fBodyAcc.bandsEnergy... 25.32.2	fBodyAcc.bandsEnergy... 33.40.2
-0.9996	-0.9993
-0.9999	-0.9997
-0.9998	-0.9998
-0.9999	-0.9999
-0.9998	-0.9997
-0.9998	-0.9998

Table 142: Table continues below

fBodyAcc.bandsEnergy... 41.48.2	fBodyAcc.bandsEnergy... 49.56.2
-0.9979	-0.9959
-0.9994	-0.9989
-0.9996	-0.9997
-0.9997	-0.9997
-0.9997	-0.999
-0.9995	-0.9997

Table 143: Table continues below

fBodyAcc.bandsEnergy... 57.64.2	fBodyAcc.bandsEnergy... 1.16.2
-0.9951	-0.9947
-0.9988	-0.9985
-0.9999	-0.9995
-1	-0.9998
-0.9994	-0.9998
-0.9999	-0.9999

Table 144: Table continues below

fBodyAcc.bandsEnergy... 17.32.2	fBodyAcc.bandsEnergy... 33.48.2
-0.9997	-0.9989
-0.9998	-0.9996
-0.9998	-0.9997
-0.9999	-0.9998
-0.9998	-0.9997
-0.9999	-0.9997

Table 145: Table continues below

fBodyAcc.bandsEnergy... 49.64.2	fBodyAcc.bandsEnergy... 1.24.2
-0.9957	-0.9949
-0.9989	-0.9986
-0.9998	-0.9994
-0.9998	-0.9998
-0.9991	-0.9998
-0.9998	-0.9999

Table 146: Table continues below

fBodyAcc.bandsEnergy... 25.48.2	fBodyAccJerk.mean... X
-0.9995	-0.9923
-0.9998	-0.995
-0.9998	-0.991
-0.9999	-0.9944
-0.9998	-0.9963

fBodyAcc.bandsEnergy... 25.48.2	fBodyAccJerk.mean... X
-0.9998	-0.9949

Table 147: Table continues below

fBodyAccJerk.mean... Y	fBodyAccJerk.mean... Z	fBodyAccJerk.std... X
-0.9872	-0.9897	-0.9958
-0.9813	-0.9897	-0.9967
-0.9816	-0.9876	-0.9912
-0.9887	-0.9914	-0.9914
-0.9888	-0.9906	-0.9969
-0.9882	-0.9902	-0.9952

Table 148: Table continues below

fBodyAccJerk.std... Y	fBodyAccJerk.std... Z	fBodyAccJerk.mad... X
-0.9909	-0.9971	-0.9938
-0.9821	-0.9926	-0.995
-0.9814	-0.9904	-0.9878
-0.9869	-0.9944	-0.9894
-0.9886	-0.9929	-0.9961
-0.9902	-0.9931	-0.9931

Table 149: Table continues below

fBodyAccJerk.mad... Y	fBodyAccJerk.mad... Z	fBodyAccJerk.max... X
-0.9905	-0.997	-0.9967
-0.9829	-0.9916	-0.9974
-0.9811	-0.9877	-0.9952
-0.9871	-0.9938	-0.9934
-0.9889	-0.9917	-0.997
-0.9898	-0.9918	-0.997

Table 150: Table continues below

fBodyAccJerk.max... Y	fBodyAccJerk.max... Z	fBodyAccJerk.min... X
-0.992	-0.9932	-0.9983
-0.9849	-0.9932	-0.9979
-0.9854	-0.9939	-0.9975
-0.9879	-0.9942	-0.9979
-0.9904	-0.9951	-0.9958
-0.9928	-0.9942	-0.9961

Table 151: Table continues below

fBodyAccJerk.min. . . Y	fBodyAccJerk.min. . . Z	fBodyAccJerk.sma..
-0.9911	-0.9599	-0.9905
-0.9825	-0.9868	-0.9899
-0.9986	-0.9976	-0.9872
-0.9998	-0.9654	-0.9927
-0.9961	-0.996	-0.9933
-0.9991	-0.9849	-0.9922

Table 152: Table continues below

fBodyAccJerk.energy. . . X	fBodyAccJerk.energy. . . Y
-0.9999	-0.9998
-1	-0.9996
-0.9999	-0.9996
-0.9999	-0.9998
-1	-0.9998
-1	-0.9998

Table 153: Table continues below

fBodyAccJerk.energy. . . Z	fBodyAccJerk.iqr. . . X	fBodyAccJerk.iqr. . . Y
-0.9999	-0.993	-0.9914
-0.9998	-0.9928	-0.9852
-0.9998	-0.9818	-0.9848
-0.9999	-0.9918	-0.9907
-0.9999	-0.9961	-0.9924
-0.9999	-0.9914	-0.9911

Table 154: Table continues below

fBodyAccJerk.iqr. . . Z	fBodyAccJerk.entropy. . . X
-0.9962	-1
-0.991	-1
-0.9824	-1
-0.9933	-1
-0.9862	-1
-0.9878	-1

Table 155: Table continues below

fBodyAccJerk.entropy. . . Y	fBodyAccJerk.entropy. . . Z
-1	-1
-1	-1
-1	-1
-1	-1
-1	-1

fBodyAccJerk.entropy... Y	fBodyAccJerk.entropy... Z
-1	-1

Table 156: Table continues below

fBodyAccJerk.maxInds.X	fBodyAccJerk.maxInds.Y
1	-0.24
-0.32	-0.12
-0.16	-0.48
-0.12	-0.56
-0.32	-0.08
-0.32	-0.36

Table 157: Table continues below

fBodyAccJerk.maxInds.Z	fBodyAccJerk.meanFreq... X
-1	0.8704
-0.32	0.6085
-0.28	0.1154
-0.28	0.0358
0.04	0.2734
0.52	0.3288

Table 158: Table continues below

fBodyAccJerk.meanFreq... Y	fBodyAccJerk.meanFreq... Z
0.2107	0.2637
-0.05368	0.06315
-0.1934	0.03825
-0.09304	0.1681
0.07914	0.2924
0.05477	0.3209

Table 159: Table continues below

fBodyAccJerk.skewness... X	fBodyAccJerk.kurtosis... X
-0.7037	-0.9037
-0.6303	-0.9104
-0.5948	-0.9235
-0.2639	-0.7572
-0.5222	-0.813
-0.5946	-0.9053

Table 160: Table continues below

fBodyAccJerk.skewness... Y	fBodyAccJerk.kurtosis... Y
-0.5826	-0.9363
-0.4144	-0.8506
-0.5289	-0.913
-0.396	-0.8296
-0.4966	-0.9039
-0.665	-0.9565

Table 161: Table continues below

fBodyAccJerk.skewness... Z	fBodyAccJerk.kurtosis... Z
-0.5073	-0.8055
-0.6555	-0.916
-0.8034	-0.9801
-0.577	-0.8934
-0.7644	-0.9662
-0.7226	-0.9433

Table 162: Table continues below

fBodyAccJerk.bandsEnergy... 1.8	fBodyAccJerk.bandsEnergy... 9.16
-1	-1
-1	-1
-1	-0.9999
-1	-1
-1	-1
-1	-1

Table 163: Table continues below

fBodyAccJerk.bandsEnergy... 17.24	fBodyAccJerk.bandsEnergy... 25.32
-1	-1
-0.9999	-1
-0.9998	-0.9998
-0.9998	-0.9999
-0.9999	-0.9999
-0.9999	-0.9999

Table 164: Table continues below

fBodyAccJerk.bandsEnergy... 33.40	fBodyAccJerk.bandsEnergy... 41.48
-0.9999	-0.9996
-0.9999	-0.9998
-0.9999	-0.9999
-1	-0.9999
-1	-0.9999

fBodyAccJerk.bandsEnergy... 33.40	fBodyAccJerk.bandsEnergy... 41.48
-0.9999	-0.9999

Table 165: Table continues below

fBodyAccJerk.bandsEnergy... 49.56	fBodyAccJerk.bandsEnergy... 57.64
-0.9995	-1
-0.9999	-1
-0.9999	-1
-0.9999	-1
-1	-1
-0.9999	-1

Table 166: Table continues below

fBodyAccJerk.bandsEnergy... 1.16	fBodyAccJerk.bandsEnergy... 17.32
-1	-1
-1	-1
-1	-0.9998
-1	-0.9998
-1	-0.9999
-1	-0.9999

Table 167: Table continues below

fBodyAccJerk.bandsEnergy... 33.48	fBodyAccJerk.bandsEnergy... 49.64
-0.9998	-0.9995
-0.9999	-0.9999
-0.9999	-0.9999
-1	-0.9999
-1	-1
-0.9999	-0.9999

Table 168: Table continues below

fBodyAccJerk.bandsEnergy... 1.24	fBodyAccJerk.bandsEnergy... 25.48
-1	-0.9999
-1	-0.9999
-0.9999	-0.9998
-0.9999	-0.9999
-1	-0.9999
-1	-0.9999

Table 169: Table continues below

fBodyAccJerk.bandsEnergy... 1.8.1	fBodyAccJerk.bandsEnergy... 9.16.1
-0.9999	-0.9999
-0.9999	-0.9998
-0.9998	-0.9997
-0.9999	-0.9998
-0.9999	-0.9999
-0.9999	-0.9999

Table 170: Table continues below

fBodyAccJerk.bandsEnergy... 17.24.1	fBodyAccJerk.bandsEnergy... 25.32.1
-0.9998	-0.9999
-0.9995	-0.9998
-0.9996	-0.9998
-0.9999	-0.9999
-0.9998	-0.9999
-0.9998	-0.9998

Table 171: Table continues below

fBodyAccJerk.bandsEnergy... 33.40.1	fBodyAccJerk.bandsEnergy... 41.48.1
-0.9997	-0.9997
-0.9996	-0.9997
-0.9997	-0.9996
-0.9997	-0.9998
-0.9997	-0.9998
-0.9999	-0.9997

Table 172: Table continues below

fBodyAccJerk.bandsEnergy... 49.56.1	fBodyAccJerk.bandsEnergy... 57.64.1
-0.9996	-0.9998
-0.9996	-0.9999
-0.9997	-1
-0.9997	-1
-0.9995	-1
-0.9996	-1

Table 173: Table continues below

fBodyAccJerk.bandsEnergy... 1.16.1	fBodyAccJerk.bandsEnergy... 17.32.1
-0.9999	-0.9998
-0.9998	-0.9995
-0.9997	-0.9996
-0.9998	-0.9999
-0.9999	-0.9998

fBodyAccJerk.bandsEnergy... 1.16.1	fBodyAccJerk.bandsEnergy... 17.32.1
-0.9999	-0.9998

Table 174: Table continues below

fBodyAccJerk.bandsEnergy... 33.48.1	fBodyAccJerk.bandsEnergy... 49.64.1
-0.9997	-0.9996
-0.9996	-0.9996
-0.9996	-0.9997
-0.9997	-0.9997
-0.9997	-0.9996
-0.9998	-0.9996

Table 175: Table continues below

fBodyAccJerk.bandsEnergy... 1.24.1	fBodyAccJerk.bandsEnergy... 25.48.1
-0.9999	-0.9998
-0.9996	-0.9998
-0.9996	-0.9998
-0.9998	-0.9999
-0.9998	-0.9999
-0.9999	-0.9998

Table 176: Table continues below

fBodyAccJerk.bandsEnergy... 1.8.2	fBodyAccJerk.bandsEnergy... 9.16.2
-0.9994	-0.9998
-0.9999	-0.9998
-0.9999	-0.9998
-0.9999	-0.9997
-0.9998	-0.9999
-0.9999	-0.9998

Table 177: Table continues below

fBodyAccJerk.bandsEnergy... 17.24.2	fBodyAccJerk.bandsEnergy... 25.32.2
-1	-0.9999
-0.9998	-0.9998
-0.9997	-0.9998
-0.9998	-0.9999
-0.9999	-0.9998
-0.9999	-0.9998

Table 178: Table continues below

fBodyAccJerk.bandsEnergy... 33.40.2	fBodyAccJerk.bandsEnergy... 41.48.2
-0.9998	-0.9998
-0.9998	-0.9998
-0.9998	-0.9996
-0.9999	-0.9997
-0.9998	-0.9997
-0.9998	-0.9996

Table 179: Table continues below

fBodyAccJerk.bandsEnergy... 49.56.2	fBodyAccJerk.bandsEnergy... 57.64.2
-0.9988	-0.9986
-0.9996	-1
-0.9995	-1
-0.9992	-0.9997
-0.9992	-1
-0.9994	-0.9999

Table 180: Table continues below

fBodyAccJerk.bandsEnergy... 1.16.2	fBodyAccJerk.bandsEnergy... 17.32.2
-0.9996	-1
-0.9999	-0.9998
-0.9998	-0.9998
-0.9998	-0.9999
-0.9999	-0.9999
-0.9998	-0.9999

Table 181: Table continues below

fBodyAccJerk.bandsEnergy... 33.48.2	fBodyAccJerk.bandsEnergy... 49.64.2
-0.9998	-0.9987
-0.9998	-0.9997
-0.9997	-0.9995
-0.9998	-0.9992
-0.9997	-0.9992
-0.9997	-0.9994

Table 182: Table continues below

fBodyAccJerk.bandsEnergy... 1.24.2	fBodyAccJerk.bandsEnergy... 25.48.2
-0.9998	-0.9999
-0.9998	-0.9998
-0.9998	-0.9998
-0.9998	-0.9999
-0.9999	-0.9998

fBodyAccJerk.bandsEnergy... 1.24.2	fBodyAccJerk.bandsEnergy... 25.48.2
-0.9999	-0.9998

Table 183: Table continues below

fBodyGyro.mean... X	fBodyGyro.mean... Y	fBodyGyro.mean... Z
-0.9866	-0.9818	-0.9895
-0.9774	-0.9925	-0.9896
-0.9754	-0.9937	-0.9868
-0.9871	-0.9936	-0.9872
-0.9824	-0.993	-0.9887
-0.9849	-0.9928	-0.9808

Table 184: Table continues below

fBodyGyro.std... X	fBodyGyro.std... Y	fBodyGyro.std... Z
-0.985	-0.9739	-0.994
-0.9849	-0.9872	-0.9898
-0.9766	-0.9934	-0.9873
-0.9928	-0.9916	-0.9887
-0.986	-0.992	-0.9879
-0.9853	-0.9917	-0.9854

Table 185: Table continues below

fBodyGyro.mad... X	fBodyGyro.mad... Y	fBodyGyro.mad... Z
-0.9865	-0.9836	-0.9924
-0.9794	-0.9918	-0.988
-0.9756	-0.9937	-0.985
-0.9897	-0.9935	-0.9865
-0.9826	-0.9933	-0.9865
-0.9834	-0.9929	-0.9841

Table 186: Table continues below

fBodyGyro.max... X	fBodyGyro.max... Y	fBodyGyro.max... Z
-0.9805	-0.9723	-0.9949
-0.9874	-0.9848	-0.9902
-0.9729	-0.995	-0.9913
-0.9945	-0.9918	-0.9923
-0.988	-0.9932	-0.9914
-0.983	-0.9932	-0.9876

Table 187: Table continues below

fBodyGyro.min... X	fBodyGyro.min... Y	fBodyGyro.min... Z
-0.9976	-0.9841	-0.9943
-0.9869	-0.9991	-0.9944
-0.9883	-0.9972	-0.9936
-0.9897	-0.9943	-0.9931
-0.9937	-0.9937	-0.9948
-0.9994	-0.9978	-0.9816

Table 188: Table continues below

fBodyGyro.sma..	fBodyGyro.energy... X	fBodyGyro.energy... Y
-0.9853	-0.9999	-0.9997
-0.9869	-0.9998	-0.9999
-0.986	-0.9997	-1
-0.9903	-0.9999	-1
-0.9887	-0.9999	-1
-0.9876	-0.9999	-0.9999

Table 189: Table continues below

fBodyGyro.energy... Z	fBodyGyro.iqr... X	fBodyGyro.iqr... Y
-0.9999	-0.9903	-0.9948
-0.9999	-0.9871	-0.9956
-0.9998	-0.9855	-0.9954
-0.9999	-0.9929	-0.9963
-0.9999	-0.9905	-0.9961
-0.9998	-0.9883	-0.9941

Table 190: Table continues below

fBodyGyro.iqr... Z	fBodyGyro.entropy... X	fBodyGyro.entropy... Y
-0.9944	-0.7124	-0.6448
-0.9873	-0.6111	-0.7646
-0.9926	-0.591	-0.8083
-0.9902	-0.7237	-0.8038
-0.9974	-0.6526	-0.8272
-0.9904	-0.6782	-0.8083

Table 191: Table continues below

fBodyGyro.entropy... Z	fBodyGyro.maxInds.X	fBodyGyro.maxInds.Y
-0.839	-1	-1
-0.7511	-1	-1
-0.7511	-1	-0.871
-0.8173	-1	-1
-0.7375	-1	-0.8065

fBodyGyro.entropy... Z	fBodyGyro.maxInds.X	fBodyGyro.maxInds.Y
-0.7511	-0.9333	-0.9355

Table 192: Table continues below

fBodyGyro.maxInds.Z	fBodyGyro.meanFreq... X	fBodyGyro.meanFreq... Y
-1	-0.2575	0.09795
-1	-0.04817	-0.4016
-1	-0.2167	-0.01726
-0.7931	0.2169	-0.1352
-1	-0.1533	-0.0884
-0.931	-0.363	-0.1332

Table 193: Table continues below

fBodyGyro.meanFreq... Z	fBodyGyro.skewness... X
0.5472	0.3773
-0.06818	-0.4586
-0.1107	0.09052
-0.04973	-0.5721
-0.1622	-0.3396
0.1948	-0.004028

Table 194: Table continues below

fBodyGyro.kurtosis... X	fBodyGyro.skewness... Y
0.1341	0.2734
-0.797	0.3876
-0.2447	-0.4293
-0.8736	-0.1351
-0.7226	-0.2655
-0.3232	-0.2901

Table 195: Table continues below

fBodyGyro.kurtosis... Y	fBodyGyro.skewness... Z
-0.09126	-0.4843
0.1487	-0.1569
-0.8126	-0.392
-0.5422	-0.3794
-0.69	-0.268
-0.7054	-0.235

Table 196: Table continues below

fBodyGyro.kurtosis... Z	fBodyGyro.bandsEnergy... 1.8
-0.7829	-0.9999
-0.4518	-0.9999
-0.7675	-0.9997
-0.7565	-1
-0.6592	-0.9999
-0.6081	-0.9999

Table 197: Table continues below

fBodyGyro.bandsEnergy... 9.16	fBodyGyro.bandsEnergy... 17.24
-0.9999	-1
-0.9998	-0.9999
-0.9998	-0.9999
-0.9999	-0.9999
-0.9999	-0.9999
-0.9999	-1

Table 198: Table continues below

fBodyGyro.bandsEnergy... 25.32	fBodyGyro.bandsEnergy... 33.40
-1	-0.9999
-0.9999	-0.9999
-0.9999	-0.9998
-1	-0.9999
-0.9999	-0.9999
-1	-1

Table 199: Table continues below

fBodyGyro.bandsEnergy... 41.48	fBodyGyro.bandsEnergy... 49.56
-1	-0.9999
-0.9999	-0.9998
-0.9998	-0.9999
-0.9999	-0.9998
-0.9999	-0.9999
-1	-1

Table 200: Table continues below

fBodyGyro.bandsEnergy... 57.64	fBodyGyro.bandsEnergy... 1.16
-1	-0.9999
-0.9998	-0.9998
-0.9999	-0.9997
-0.9999	-1
-0.9999	-0.9999

fBodyGyro.bandsEnergy... 57.64	fBodyGyro.bandsEnergy... 1.16
-1	-0.9999

Table 201: Table continues below

fBodyGyro.bandsEnergy... 17.32	fBodyGyro.bandsEnergy... 33.48
-1	-0.9999
-0.9999	-0.9999
-0.9999	-0.9998
-0.9999	-0.9999
-0.9999	-0.9999
-1	-1

Table 202: Table continues below

fBodyGyro.bandsEnergy... 49.64	fBodyGyro.bandsEnergy... 1.24
-1	-0.9999
-0.9998	-0.9998
-0.9999	-0.9997
-0.9999	-0.9999
-0.9999	-0.9999
-1	-0.9999

Table 203: Table continues below

fBodyGyro.bandsEnergy... 25.48	fBodyGyro.bandsEnergy... 1.8.1
-1	-0.9995
-0.9999	-0.9999
-0.9999	-1
-0.9999	-0.9999
-0.9999	-0.9999
-1	-0.9999

Table 204: Table continues below

fBodyGyro.bandsEnergy... 9.16.1	fBodyGyro.bandsEnergy... 17.24.1
-1	-1
-1	-1
-1	-1
-1	-1
-1	-1
-1	-1

Table 205: Table continues below

fBodyGyro.bandsEnergy... 25.32.1	fBodyGyro.bandsEnergy... 33.40.1
-1	-1
-1	-1
-1	-1
-1	-1
-1	-1
-1	-1

Table 206: Table continues below

fBodyGyro.bandsEnergy... 41.48.1	fBodyGyro.bandsEnergy... 49.56.1
-0.9998	-0.9983
-1	-1
-0.9999	-1
-1	-1
-1	-1
-1	-1

Table 207: Table continues below

fBodyGyro.bandsEnergy... 57.64.1	fBodyGyro.bandsEnergy... 1.16.1
-0.999	-0.9996
-1	-0.9999
-1	-1
-1	-0.9999
-1	-0.9999
-1	-0.9999

Table 208: Table continues below

fBodyGyro.bandsEnergy... 17.32.1	fBodyGyro.bandsEnergy... 33.48.1
-1	-0.9999
-1	-1
-1	-1
-1	-1
-1	-1
-1	-1

Table 209: Table continues below

fBodyGyro.bandsEnergy... 49.64.1	fBodyGyro.bandsEnergy... 1.24.1
-0.9984	-0.9996
-1	-0.9999
-1	-1
-1	-0.9999
-1	-0.9999

fBodyGyro.bandsEnergy... 49.64.1	fBodyGyro.bandsEnergy... 1.24.1
-1	-0.9999

Table 210: Table continues below

fBodyGyro.bandsEnergy... 25.48.1	fBodyGyro.bandsEnergy... 1.8.2
-1	-1
-1	-0.9999
-1	-0.9999
-1	-0.9999
-1	-0.9999
-1	-0.9998

Table 211: Table continues below

fBodyGyro.bandsEnergy... 9.16.2	fBodyGyro.bandsEnergy... 17.24.2
-1	-0.9999
-1	-0.9999
-0.9999	-0.9999
-1	-1
-1	-1
-0.9999	-1

Table 212: Table continues below

fBodyGyro.bandsEnergy... 25.32.2	fBodyGyro.bandsEnergy... 33.40.2
-1	-0.9999
-1	-1
-1	-1
-1	-0.9999
-1	-0.9999
-0.9999	-0.9999

Table 213: Table continues below

fBodyGyro.bandsEnergy... 41.48.2	fBodyGyro.bandsEnergy... 49.56.2
-0.9998	-0.9991
-0.9999	-1
-0.9999	-0.9999
-0.9999	-0.9999
-0.9999	-0.9999
-0.9999	-0.9996

Table 214: Table continues below

fBodyGyro.bandsEnergy... 57.64.2	fBodyGyro.bandsEnergy... 1.16.2
-0.9999	-1
-1	-0.9999
-1	-0.9999
-0.9999	-0.9999
-1	-0.9999
-0.9996	-0.9998

Table 215: Table continues below

fBodyGyro.bandsEnergy... 17.32.2	fBodyGyro.bandsEnergy... 33.48.2
-0.9999	-0.9999
-0.9999	-1
-0.9999	-0.9999
-0.9999	-0.9999
-1	-0.9999
-0.9999	-0.9999

Table 216: Table continues below

fBodyGyro.bandsEnergy... 49.64.2	fBodyGyro.bandsEnergy... 1.24.2
-0.9994	-0.9999
-1	-0.9999
-0.9999	-0.9999
-0.9999	-0.9999
-0.9999	-0.9999
-0.9996	-0.9998

Table 217: Table continues below

fBodyGyro.bandsEnergy... 25.48.2	fBodyAccMag.mean..
-1	-0.9522
-1	-0.9809
-1	-0.9878
-1	-0.9875
-1	-0.9936
-0.9999	-0.9948

Table 218: Table continues below

fBodyAccMag.std..	fBodyAccMag.mad..	fBodyAccMag.max..
-0.9561	-0.9489	-0.9743
-0.9759	-0.9758	-0.9782
-0.989	-0.9856	-0.9931
-0.9867	-0.9835	-0.9902
-0.9901	-0.9923	-0.9905

fBodyAccMag.std..	fBodyAccMag.mad..	fBodyAccMag.max..
-0.9953	-0.9939	-0.9954

Table 219: Table continues below

fBodyAccMag.min..	fBodyAccMag.sma..	fBodyAccMag.energy..
-0.9257	-0.9522	-0.9983
-0.9869	-0.9809	-0.9995
-0.9898	-0.9878	-0.9998
-0.9982	-0.9875	-0.9998
-0.9878	-0.9936	-0.9999
-0.9895	-0.9948	-0.9999

Table 220: Table continues below

fBodyAccMag.iqr..	fBodyAccMag.entropy..	fBodyAccMag.maxInds
-0.9733	-0.6464	-0.7931
-0.9845	-0.8167	-1
-0.9892	-0.907	-0.8621
-0.9832	-0.907	-1
-0.9973	-0.907	-1
-0.9922	-1	-1

Table 221: Table continues below

fBodyAccMag.meanFreq..	fBodyAccMag.skewness..
-0.08844	-0.4365
-0.04415	-0.122
0.2579	-0.6187
0.07358	-0.4684
0.3943	-0.1127
0.438	-0.5946

Table 222: Table continues below

fBodyAccMag.kurtosis..	fBodyBodyAccJerkMag.mean..
-0.7968	-0.9937
-0.4495	-0.9903
-0.8797	-0.9893
-0.7565	-0.9928
-0.4818	-0.9955
-0.8092	-0.9947

Table 223: Table continues below

fBodyBodyAccJerkMag.std..	fBodyBodyAccJerkMag.mad..
-0.9938	-0.992
-0.992	-0.9897
-0.9909	-0.9873
-0.9917	-0.9891
-0.9944	-0.9933
-0.9952	-0.9943

Table 224: Table continues below

fBodyBodyAccJerkMag.max..	fBodyBodyAccJerkMag.min..
-0.9934	-0.9882
-0.9945	-0.9895
-0.9932	-0.9999
-0.9945	-0.9956
-0.9955	-0.9822
-0.9945	-0.983

Table 225: Table continues below

fBodyBodyAccJerkMag.sma..	fBodyBodyAccJerkMag.energy..
-0.9937	-0.9999
-0.9903	-0.9999
-0.9893	-0.9998
-0.9928	-0.9999
-0.9955	-0.9999
-0.9947	-0.9999

Table 226: Table continues below

fBodyBodyAccJerkMag.iqr..	fBodyBodyAccJerkMag.entropy..
-0.9914	-1
-0.9911	-1
-0.9867	-1
-0.9881	-1
-0.9942	-1
-0.9967	-1

Table 227: Table continues below

fBodyBodyAccJerkMag.maxInds	fBodyBodyAccJerkMag.meanFreq..
-0.9365	0.347
-0.8413	0.5321
-0.9048	0.6608
1	0.6789
-1	0.5591

fBodyBodyAccJerkMag.maxInds	fBodyBodyAccJerkMag.meanFreq..
-1	0.2469

Table 228: Table continues below

fBodyBodyAccJerkMag.skewness..	fBodyBodyAccJerkMag.kurtosis..
-0.5161	-0.8028
-0.6249	-0.9002
-0.7247	-0.9285
-0.7011	-0.9096
-0.5289	-0.8589
-0.5209	-0.8025

Table 229: Table continues below

fBodyBodyGyroMag.mean..	fBodyBodyGyroMag.std..
-0.9801	-0.9613
-0.9883	-0.9833
-0.9893	-0.986
-0.9894	-0.9878
-0.9914	-0.9891
-0.9905	-0.9859

Table 230: Table continues below

fBodyBodyGyroMag.mad..	fBodyBodyGyroMag.max..
-0.9737	-0.9523
-0.9827	-0.9863
-0.9843	-0.991
-0.9868	-0.9867
-0.9877	-0.9915
-0.9855	-0.9882

Table 231: Table continues below

fBodyBodyGyroMag.min..	fBodyBodyGyroMag.sma..
-0.9895	-0.9801
-0.9918	-0.9883
-0.9957	-0.9893
-0.9962	-0.9894
-0.9984	-0.9914
-0.9948	-0.9905

Table 232: Table continues below

fBodyBodyGyroMag.energy..	fBodyBodyGyroMag.iqr..
-0.9992	-0.9927
-0.9998	-0.994
-0.9999	-0.9932
-0.9999	-0.9891
-0.9999	-0.9893
-0.9999	-0.992

Table 233: Table continues below

fBodyBodyGyroMag.entropy..	fBodyBodyGyroMag.maxInds
-0.7013	-1
-0.7207	-0.9487
-0.7365	-0.7949
-0.7209	-1
-0.7634	-0.8974
-0.7686	-1

Table 234: Table continues below

fBodyBodyGyroMag.meanFreq..	fBodyBodyGyroMag.skewness..
-0.129	0.5862
-0.272	-0.3363
-0.2127	-0.5354
-0.03568	-0.2301
-0.2736	-0.5103
-0.2973	-0.346

Table 235: Table continues below

fBodyBodyGyroMag.kurtosis..	fBodyBodyGyroJerkMag.mean..
0.3746	-0.992
-0.72	-0.9959
-0.8719	-0.995
-0.5112	-0.9952
-0.8307	-0.9951
-0.7273	-0.9951

Table 236: Table continues below

fBodyBodyGyroJerkMag.std..	fBodyBodyGyroJerkMag.mad..
-0.9907	-0.9899
-0.9964	-0.9954
-0.9951	-0.9946
-0.9952	-0.9957
-0.9955	-0.9953

fBodyBodyGyroJerkMag.std..	fBodyBodyGyroJerkMag.mad..
-0.9952	-0.9944

Table 237: Table continues below

fBodyBodyGyroJerkMag.max..	fBodyBodyGyroJerkMag.min..
-0.9924	-0.991
-0.9969	-0.9944
-0.9961	-0.9959
-0.9953	-0.9957
-0.9956	-0.9974
-0.9961	-0.9985

Table 238: Table continues below

fBodyBodyGyroJerkMag.sma..	fBodyBodyGyroJerkMag.energy..
-0.992	-0.9999
-0.9959	-1
-0.995	-1
-0.9952	-1
-0.9951	-1
-0.9951	-1

Table 239: Table continues below

fBodyBodyGyroJerkMag.iqr..	fBodyBodyGyroJerkMag.entropy..
-0.9905	-0.8713
-0.9945	-1
-0.9938	-1
-0.9952	-0.9557
-0.9955	-1
-0.9945	-1

Table 240: Table continues below

fBodyBodyGyroJerkMag.maxInds	fBodyBodyGyroJerkMag.meanFreq..
-1	-0.07432
-1	0.1581
-0.5556	0.4145
-0.9365	0.4046
-0.9365	0.08775
-1	0.01995

Table 241: Table continues below

fBodyBodyGyroJerkMag.skewness..	fBodyBodyGyroJerkMag.kurtosis..
-0.2987	-0.7103
-0.5951	-0.8615
-0.3907	-0.7601
-0.1173	-0.4828
-0.3515	-0.6992
-0.5454	-0.8446

Table 242: Table continues below

angle.tBodyAccMean.gravity.	angle.tBodyAccJerkMean..gravityMean.
-0.1128	0.0304
0.05348	-0.007435
-0.1186	0.1779
-0.03679	-0.01289
0.1233	0.1225
0.08263	-0.1434

Table 243: Table continues below

angle.tBodyGyroMean.gravityMean.	angle.tBodyGyroJerkMean.gravityMean.
-0.4648	-0.01845
-0.7326	0.7035
0.1007	0.8085
0.64	-0.4854
0.6936	-0.616
0.275	-0.3682

angle.X.gravityMean.	angle.Y.gravityMean.	angle.Z.gravityMean.
-0.8412	0.1799	-0.05863
-0.8448	0.1803	-0.05432
-0.8489	0.1806	-0.04912
-0.8486	0.1819	-0.04766
-0.8479	0.1852	-0.04389
-0.8496	0.1848	-0.04213

Read activities

```
activityLabels <- read.table(
  file = "./UCI HAR Dataset/activity_labels.txt")
```

Label activities

```
names(activityLabels) <- c('ActivityLabel', 'ActivityName')
str(activityLabels)
```

```
## 'data.frame':    6 obs. of  2 variables:
##  $ ActivityLabel: int  1 2 3 4 5 6
##  $ ActivityName : Factor w/ 6 levels "LAYING","SITTING",...: 4 6 5 2 3 1
```

```
kable( head(activityLabels),format = "markdown", caption = "Activities labels" )
```

ActivityLabel	ActivityName
1	WALKING
2	WALKING_UPSTAIRS
3	WALKING_DOWNSTAIRS
4	SITTING
5	STANDING
6	LAYING

Merge subject train and test sets

```
subjectTrain <- read.table(
  file = "./UCI HAR Dataset/train/subject_train.txt")
subjectTest <- read.table(
  file = "./UCI HAR Dataset/test/subject_test.txt")
subject <- rbind(subjectTrain, subjectTest)

names(subject) <- c('subject')
str(subject)
```

```
## 'data.frame':    10299 obs. of  1 variable:
##  $ subject: int  1 1 1 1 1 1 1 1 1 1 ...
```

```
kable( head(subject),format = "markdown", caption = "Subjects" )
```

subject
1
1
1
1
1
1

Merge y training and test sets

```
yTrain <- read.table(
  file = "./UCI HAR Dataset/train/y_train.txt")
yTest <- read.table(
  file = "./UCI HAR Dataset/test/y_test.txt")
y <- rbind(yTrain, yTest)

names(y) <- c('ActivityLabel')
str(y)
```

```
## 'data.frame': 10299 obs. of 1 variable:
## $ ActivityLabel: int 5 5 5 5 5 5 5 5 5 5 ...
```

```
kable( head(y),format = "markdown", caption = "y" )
```

ActivityLabel
5
5
5
5
5
5

Merge all the datasets into 1

```
smartphoneDataset <- cbind(subject, y) %>% left_join(activityLabels) %>% cbind(x)

str(smartphoneDataset)
```

```
## 'data.frame': 10299 obs. of 564 variables:
## $ subject : int 1 1 1 1 1 1 1 1 1 1 ...
## $ ActivityLabel : int 5 5 5 5 5 5 5 5 5 5 ...
## $ ActivityName : Factor w/ 6 levels "LAYING","SITTING",...: 3 3 3 3 3 3 3 3 3 3 ...
## $ tBodyAcc.mean...X : num 0.289 0.278 0.28 0.279 0.277 ...
## $ tBodyAcc.mean...Y : num -0.0203 -0.0164 -0.0195 -0.0262 -0.0166 ...
## $ tBodyAcc.mean...Z : num -0.133 -0.124 -0.113 -0.123 -0.115 ...
## $ tBodyAcc.std...X : num -0.995 -0.998 -0.995 -0.996 -0.998 ...
## $ tBodyAcc.std...Y : num -0.983 -0.975 -0.967 -0.983 -0.981 ...
## $ tBodyAcc.std...Z : num -0.914 -0.96 -0.979 -0.991 -0.99 ...
## $ tBodyAcc.mad...X : num -0.995 -0.999 -0.997 -0.997 -0.998 ...
## $ tBodyAcc.mad...Y : num -0.983 -0.975 -0.964 -0.983 -0.98 ...
## $ tBodyAcc.mad...Z : num -0.924 -0.958 -0.977 -0.989 -0.99 ...
## $ tBodyAcc.max...X : num -0.935 -0.943 -0.939 -0.939 -0.942 ...
## $ tBodyAcc.max...Y : num -0.567 -0.558 -0.558 -0.576 -0.569 ...
## $ tBodyAcc.max...Z : num -0.744 -0.818 -0.818 -0.83 -0.825 ...
## $ tBodyAcc.min...X : num 0.853 0.849 0.844 0.844 0.849 ...
## $ tBodyAcc.min...Y : num 0.686 0.686 0.682 0.682 0.683 ...
```

## \$ tBodyAcc.min...Z	: num 0.814 0.823 0.839 0.838 0.838 ...
## \$ tBodyAcc.sma..	: num -0.966 -0.982 -0.983 -0.986 -0.993 ...
## \$ tBodyAcc.energy...X	: num -1 -1 -1 -1 -1 ...
## \$ tBodyAcc.energy...Y	: num -1 -1 -1 -1 -1 ...
## \$ tBodyAcc.energy...Z	: num -0.995 -0.998 -0.999 -1 -1 ...
## \$ tBodyAcc.iqr...X	: num -0.994 -0.999 -0.997 -0.997 -0.998 ...
## \$ tBodyAcc.iqr...Y	: num -0.988 -0.978 -0.965 -0.984 -0.981 ...
## \$ tBodyAcc.iqr...Z	: num -0.943 -0.948 -0.975 -0.986 -0.991 ...
## \$ tBodyAcc.entropy...X	: num -0.408 -0.715 -0.592 -0.627 -0.787 ...
## \$ tBodyAcc.entropy...Y	: num -0.679 -0.501 -0.486 -0.851 -0.559 ...
## \$ tBodyAcc.entropy...Z	: num -0.602 -0.571 -0.571 -0.912 -0.761 ...
## \$ tBodyAcc.arCoeff...X.1	: num 0.9293 0.6116 0.273 0.0614 0.3133 ...
## \$ tBodyAcc.arCoeff...X.2	: num -0.853 -0.3295 -0.0863 0.0748 -0.1312 ...
## \$ tBodyAcc.arCoeff...X.3	: num 0.36 0.284 0.337 0.198 0.191 ...
## \$ tBodyAcc.arCoeff...X.4	: num -0.0585 0.2846 -0.1647 -0.2643 0.0869 ...
## \$ tBodyAcc.arCoeff...Y.1	: num 0.2569 0.1157 0.0172 0.0725 0.2576 ...
## \$ tBodyAcc.arCoeff...Y.2	: num -0.2248 -0.091 -0.0745 -0.1553 -0.2725 ...
## \$ tBodyAcc.arCoeff...Y.3	: num 0.264 0.294 0.342 0.323 0.435 ...
## \$ tBodyAcc.arCoeff...Y.4	: num -0.0952 -0.2812 -0.3326 -0.1708 -0.3154 ...
## \$ tBodyAcc.arCoeff...Z.1	: num 0.279 0.086 0.239 0.295 0.44 ...
## \$ tBodyAcc.arCoeff...Z.2	: num -0.4651 -0.0222 -0.1362 -0.3061 -0.2691 ...
## \$ tBodyAcc.arCoeff...Z.3	: num 0.4919 -0.0167 0.1739 0.4821 0.1794 ...
## \$ tBodyAcc.arCoeff...Z.4	: num -0.191 -0.221 -0.299 -0.47 -0.089 ...
## \$ tBodyAcc.correlation...X.Y	: num 0.3763 -0.0134 -0.1247 -0.3057 -0.1558 ...
## \$ tBodyAcc.correlation...X.Z	: num 0.4351 -0.0727 -0.1811 -0.3627 -0.1898 ...
## \$ tBodyAcc.correlation...Y.Z	: num 0.661 0.579 0.609 0.507 0.599 ...
## \$ tGravityAcc.mean...X	: num 0.963 0.967 0.967 0.968 0.968 ...
## \$ tGravityAcc.mean...Y	: num -0.141 -0.142 -0.142 -0.144 -0.149 ...
## \$ tGravityAcc.mean...Z	: num 0.1154 0.1094 0.1019 0.0999 0.0945 ...
## \$ tGravityAcc.std...X	: num -0.985 -0.997 -1 -0.997 -0.998 ...
## \$ tGravityAcc.std...Y	: num -0.982 -0.989 -0.993 -0.981 -0.988 ...
## \$ tGravityAcc.std...Z	: num -0.878 -0.932 -0.993 -0.978 -0.979 ...
## \$ tGravityAcc.mad...X	: num -0.985 -0.998 -1 -0.996 -0.998 ...
## \$ tGravityAcc.mad...Y	: num -0.984 -0.99 -0.993 -0.981 -0.989 ...
## \$ tGravityAcc.mad...Z	: num -0.895 -0.933 -0.993 -0.978 -0.979 ...
## \$ tGravityAcc.max...X	: num 0.892 0.892 0.892 0.894 0.894 ...
## \$ tGravityAcc.max...Y	: num -0.161 -0.161 -0.164 -0.164 -0.167 ...
## \$ tGravityAcc.max...Z	: num 0.1247 0.1226 0.0946 0.0934 0.0917 ...
## \$ tGravityAcc.min...X	: num 0.977 0.985 0.987 0.987 0.987 ...
## \$ tGravityAcc.min...Y	: num -0.123 -0.115 -0.115 -0.121 -0.122 ...
## \$ tGravityAcc.min...Z	: num 0.0565 0.1028 0.1028 0.0958 0.0941 ...
## \$ tGravityAcc.sma..	: num -0.375 -0.383 -0.402 -0.4 -0.4 ...
## \$ tGravityAcc.energy...X	: num 0.899 0.908 0.909 0.911 0.912 ...
## \$ tGravityAcc.energy...Y	: num -0.971 -0.971 -0.97 -0.969 -0.967 ...
## \$ tGravityAcc.energy...Z	: num -0.976 -0.979 -0.982 -0.982 -0.984 ...
## \$ tGravityAcc.iqr...X	: num -0.984 -0.999 -1 -0.996 -0.998 ...
## \$ tGravityAcc.iqr...Y	: num -0.989 -0.99 -0.992 -0.981 -0.991 ...
## \$ tGravityAcc.iqr...Z	: num -0.918 -0.942 -0.993 -0.98 -0.98 ...
## \$ tGravityAcc.entropy...X	: num -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 ...
## \$ tGravityAcc.entropy...Y	: num -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 ...
## \$ tGravityAcc.entropy...Z	: num 0.114 -0.21 -0.927 -0.596 -0.617 ...
## \$ tGravityAcc.arCoeff...X.1	: num -0.59042 -0.41006 0.00223 -0.06493 -0.25727 ...
## \$ tGravityAcc.arCoeff...X.2	: num 0.5911 0.4139 0.0275 0.0754 0.2689 ...
## \$ tGravityAcc.arCoeff...X.3	: num -0.5918 -0.4176 -0.0567 -0.0858 -0.2807 ...

```
## $ tGravityAcc.arCoeff...X.4 : num 0.5925 0.4213 0.0855 0.0962 0.2926 ...
## $ tGravityAcc.arCoeff...Y.1 : num -0.745 -0.196 -0.329 -0.295 -0.167 ...
## $ tGravityAcc.arCoeff...Y.2 : num 0.7209 0.1253 0.2705 0.2283 0.0899 ...
## $ tGravityAcc.arCoeff...Y.3 : num -0.7124 -0.1056 -0.2545 -0.2063 -0.0663 ...
## $ tGravityAcc.arCoeff...Y.4 : num 0.7113 0.1091 0.2576 0.2048 0.0671 ...
## $ tGravityAcc.arCoeff...Z.1 : num -0.995 -0.834 -0.705 -0.385 -0.237 ...
## $ tGravityAcc.arCoeff...Z.2 : num 0.996 0.834 0.714 0.386 0.239 ...
## $ tGravityAcc.arCoeff...Z.3 : num -0.996 -0.834 -0.723 -0.387 -0.241 ...
## $ tGravityAcc.arCoeff...Z.4 : num 0.992 0.83 0.729 0.385 0.241 ...
## $ tGravityAcc.correlation...X.Y : num 0.57 -0.831 -0.181 -0.991 -0.408 ...
## $ tGravityAcc.correlation...X.Z : num 0.439 -0.866 0.338 -0.969 -0.185 ...
## $ tGravityAcc.correlation...Y.Z : num 0.987 0.974 0.643 0.984 0.965 ...
## $ tBodyAccJerk.mean...X : num 0.078 0.074 0.0736 0.0773 0.0734 ...
## $ tBodyAccJerk.mean...Y : num 0.005 0.00577 0.0031 0.02006 0.01912 ...
## $ tBodyAccJerk.mean...Z : num -0.06783 0.02938 -0.00905 -0.00986 0.01678 ...
## $ tBodyAccJerk.std...X : num -0.994 -0.996 -0.991 -0.993 -0.996 ...
## $ tBodyAccJerk.std...Y : num -0.988 -0.981 -0.981 -0.988 -0.988 ...
## $ tBodyAccJerk.std...Z : num -0.994 -0.992 -0.99 -0.993 -0.992 ...
## $ tBodyAccJerk.mad...X : num -0.994 -0.996 -0.991 -0.994 -0.997 ...
## $ tBodyAccJerk.mad...Y : num -0.986 -0.979 -0.979 -0.986 -0.987 ...
## $ tBodyAccJerk.mad...Z : num -0.993 -0.991 -0.987 -0.991 -0.991 ...
## $ tBodyAccJerk.max...X : num -0.985 -0.995 -0.987 -0.987 -0.997 ...
## $ tBodyAccJerk.max...Y : num -0.992 -0.979 -0.979 -0.992 -0.992 ...
## $ tBodyAccJerk.max...Z : num -0.993 -0.992 -0.992 -0.99 -0.99 ...
## $ tBodyAccJerk.min...X : num 0.99 0.993 0.988 0.988 0.994 ...
## $ tBodyAccJerk.min...Y : num 0.992 0.992 0.992 0.993 0.993 ...
## $ tBodyAccJerk.min...Z : num 0.991 0.989 0.989 0.993 0.986 ...
## $ tBodyAccJerk.sma... : num -0.994 -0.991 -0.988 -0.993 -0.994 ...
## [list output truncated]
```

```
pander(head(smartphoneDataset), split.table = 80, style = 'rmarkdown')
```

Table 248: Table continues below

subject	ActivityLabel	ActivityName	tBodyAcc.mean...X
1	5	STANDING	0.2886
1	5	STANDING	0.2784
1	5	STANDING	0.2797
1	5	STANDING	0.2792
1	5	STANDING	0.2766
1	5	STANDING	0.2772

Table 249: Table continues below

tBodyAcc.mean...Y	tBodyAcc.mean...Z	tBodyAcc.std...X
-0.02029	-0.1329	-0.9953
-0.01641	-0.1235	-0.9982
-0.01947	-0.1135	-0.9954
-0.0262	-0.1233	-0.9961
-0.01657	-0.1154	-0.9981
-0.0101	-0.1051	-0.9973

Table 250: Table continues below

tBodyAcc.std. . . Y	tBodyAcc.std. . . Z	tBodyAcc.mad. . . X
-0.9831	-0.9135	-0.9951
-0.9753	-0.9603	-0.9988
-0.9672	-0.9789	-0.9965
-0.9834	-0.9907	-0.9971
-0.9808	-0.9905	-0.9983
-0.9905	-0.9954	-0.9976

Table 251: Table continues below

tBodyAcc.mad. . . Y	tBodyAcc.mad. . . Z	tBodyAcc.max. . . X
-0.9832	-0.9235	-0.9347
-0.9749	-0.9577	-0.9431
-0.9637	-0.9775	-0.9387
-0.9827	-0.9893	-0.9387
-0.9797	-0.9904	-0.9425
-0.9902	-0.9955	-0.9425

Table 252: Table continues below

tBodyAcc.max. . . Y	tBodyAcc.max. . . Z	tBodyAcc.min. . . X
-0.5674	-0.7444	0.8529
-0.5579	-0.8184	0.8493
-0.5579	-0.8184	0.8436
-0.5762	-0.8297	0.8436
-0.5692	-0.8247	0.8491
-0.5657	-0.8228	0.8491

Table 253: Table continues below

tBodyAcc.min. . . Y	tBodyAcc.min. . . Z	tBodyAcc.sma..
0.6858	0.8143	-0.9655
0.6858	0.8226	-0.9819
0.6824	0.8393	-0.9835
0.6824	0.8379	-0.9861
0.6832	0.8379	-0.9927
0.6956	0.8459	-0.9939

Table 254: Table continues below

tBodyAcc.energy. . . X	tBodyAcc.energy. . . Y	tBodyAcc.energy. . . Z
-0.9999	-0.9999	-0.9946
-1	-0.9998	-0.9984
-1	-0.9997	-0.9995
-1	-0.9997	-0.9995
-1	-0.9999	-0.9998

tBodyAcc.energy... X	tBodyAcc.energy... Y	tBodyAcc.energy... Z
-1	-0.9999	-0.9999

Table 255: Table continues below

tBodyAcc.iqr... X	tBodyAcc.iqr... Y	tBodyAcc.iqr... Z
-0.9942	-0.9876	-0.9432
-0.9992	-0.9779	-0.9482
-0.9971	-0.9648	-0.9747
-0.9972	-0.9838	-0.986
-0.998	-0.9812	-0.9913
-0.9976	-0.9918	-0.9954

Table 256: Table continues below

tBodyAcc.entropy... X	tBodyAcc.entropy... Y	tBodyAcc.entropy... Z
-0.4077	-0.6793	-0.6021
-0.7149	-0.5009	-0.571
-0.5922	-0.4858	-0.571
-0.6274	-0.8509	-0.9119
-0.7866	-0.5595	-0.7614
-0.7519	-0.4548	-0.5509

Table 257: Table continues below

tBodyAcc.arCoeff... X.1	tBodyAcc.arCoeff... X.2
0.9293	-0.853
0.6116	-0.3295
0.273	-0.08631
0.06144	0.07484
0.3133	-0.1312
0.3901	-0.1823

Table 258: Table continues below

tBodyAcc.arCoeff... X.3	tBodyAcc.arCoeff... X.4
0.3599	-0.05853
0.2842	0.2846
0.3372	-0.1647
0.1982	-0.2643
0.1912	0.0869
0.1588	0.1873

Table 259: Table continues below

tBodyAcc.arCoeff. . . Y.1	tBodyAcc.arCoeff. . . Y.2
0.2569	-0.2248
0.1157	-0.09096
0.01715	-0.07451
0.07255	-0.1553
0.2576	-0.2725
0.26	-0.2432

Table 260: Table continues below

tBodyAcc.arCoeff. . . Y.3	tBodyAcc.arCoeff. . . Y.4
0.2641	-0.09525
0.2943	-0.2812
0.3423	-0.3326
0.3232	-0.1708
0.4347	-0.3154
0.4217	-0.4185

Table 261: Table continues below

tBodyAcc.arCoeff. . . Z.1	tBodyAcc.arCoeff. . . Z.2
0.2789	-0.4651
0.08599	-0.02215
0.2393	-0.1362
0.2949	-0.3061
0.4397	-0.2691
0.5585	-0.2183

Table 262: Table continues below

tBodyAcc.arCoeff. . . Z.3	tBodyAcc.arCoeff. . . Z.4
0.4919	-0.1909
-0.01666	-0.2206
0.1739	-0.2995
0.4821	-0.4701
0.1794	-0.08895
0.1651	0.08092

Table 263: Table continues below

tBodyAcc.correlation. . . X.Y	tBodyAcc.correlation. . . X.Z
0.3763	0.4351
-0.01343	-0.07269
-0.1247	-0.1811
-0.3057	-0.3627
-0.1558	-0.1898

tBodyAcc.correlation...X.Y	tBodyAcc.correlation...X.Z
-0.21	-0.1511

Table 264: Table continues below

tBodyAcc.correlation...Y.Z	tGravityAcc.mean...X
0.6608	0.9634
0.5794	0.9666
0.6089	0.9669
0.5075	0.9676
0.5992	0.9682
0.1804	0.9679

Table 265: Table continues below

tGravityAcc.mean...Y	tGravityAcc.mean...Z	tGravityAcc.std...X
-0.1408	0.1154	-0.9852
-0.1416	0.1094	-0.9974
-0.142	0.1019	-0.9996
-0.144	0.09985	-0.9966
-0.1488	0.09449	-0.9984
-0.1482	0.09191	-0.999

Table 266: Table continues below

tGravityAcc.std...Y	tGravityAcc.std...Z	tGravityAcc.mad...X
-0.9817	-0.8776	-0.985
-0.9894	-0.9316	-0.9979
-0.9929	-0.9929	-0.9996
-0.9814	-0.9785	-0.9965
-0.9881	-0.9787	-0.9984
-0.9868	-0.9973	-0.9991

Table 267: Table continues below

tGravityAcc.mad...Y	tGravityAcc.mad...Z	tGravityAcc.max...X
-0.9844	-0.8947	0.8921
-0.9896	-0.9332	0.8921
-0.9926	-0.9929	0.8924
-0.981	-0.9785	0.8938
-0.9887	-0.9789	0.8938
-0.9866	-0.9974	0.8937

Table 268: Table continues below

tGravityAcc.max. . . Y	tGravityAcc.max. . . Z	tGravityAcc.min. . . X
-0.1613	0.1247	0.9774
-0.1613	0.1226	0.9845
-0.1637	0.09457	0.9868
-0.1637	0.09342	0.9868
-0.1668	0.09168	0.9874
-0.167	0.08335	0.9877

Table 269: Table continues below

tGravityAcc.min. . . Y	tGravityAcc.min. . . Z	tGravityAcc.sma..
-0.1232	0.05648	-0.3754
-0.1149	0.1028	-0.3834
-0.1149	0.1028	-0.4016
-0.1213	0.09575	-0.4003
-0.1218	0.09406	-0.4005
-0.1218	0.09406	-0.4094

Table 270: Table continues below

tGravityAcc.energy. . . X	tGravityAcc.energy. . . Y
0.8995	-0.9709
0.9078	-0.9706
0.9087	-0.9704
0.9106	-0.9694
0.9122	-0.9671
0.9115	-0.9673

Table 271: Table continues below

tGravityAcc.energy. . . Z	tGravityAcc.iqr. . . X	tGravityAcc.iqr. . . Y
-0.9755	-0.9843	-0.9888
-0.9785	-0.9992	-0.99
-0.9817	-0.9997	-0.9921
-0.9824	-0.996	-0.9807
-0.9844	-0.9983	-0.9906
-0.9853	-0.9993	-0.9866

Table 272: Table continues below

tGravityAcc.iqr. . . Z	tGravityAcc.entropy. . . X
-0.9177	-1
-0.9417	-1
-0.9926	-1
-0.9798	-1
-0.9804	-1

tGravityAcc.iqr...Z	tGravityAcc.entropy...X
-0.9977	-1

Table 273: Table continues below

tGravityAcc.entropy...Y	tGravityAcc.entropy...Z
-1	0.1138
-1	-0.2105
-1	-0.9268
-1	-0.5961
-1	-0.6166
-1	-1

Table 274: Table continues below

tGravityAcc.arCoeff...X.1	tGravityAcc.arCoeff...X.2
-0.5904	0.5911
-0.4101	0.4139
0.002234	0.02748
-0.06493	0.07543
-0.2573	0.2689
-0.3022	0.379

Table 275: Table continues below

tGravityAcc.arCoeff...X.3	tGravityAcc.arCoeff...X.4
-0.5918	0.5925
-0.4176	0.4213
-0.05673	0.08553
-0.08582	0.09621
-0.2807	0.2926
-0.4572	0.5368

Table 276: Table continues below

tGravityAcc.arCoeff...Y.1	tGravityAcc.arCoeff...Y.2
-0.7454	0.7209
-0.1964	0.1253
-0.329	0.2705
-0.295	0.2283
-0.1667	0.08994
-0.1981	0.1272

Table 277: Table continues below

tGravityAcc.arCoeff. . . Y.3	tGravityAcc.arCoeff. . . Y.4
-0.7124	0.7113
-0.1056	0.1091
-0.2545	0.2576
-0.2063	0.2048
-0.06633	0.06713
-0.1076	0.1114

Table 278: Table continues below

tGravityAcc.arCoeff. . . Z.1	tGravityAcc.arCoeff. . . Z.2
-0.9951	0.9957
-0.8339	0.8343
-0.705	0.7144
-0.3854	0.3864
-0.2375	0.2393
-0.1579	0.1754

Table 279: Table continues below

tGravityAcc.arCoeff. . . Z.3	tGravityAcc.arCoeff. . . Z.4
-0.9957	0.9917
-0.8342	0.8305
-0.7233	0.7288
-0.3871	0.3853
-0.241	0.2406
-0.1928	0.208

Table 280: Table continues below

tGravityAcc.correlation. . . X.Y	tGravityAcc.correlation. . . X.Z
0.5702	0.439
-0.8313	-0.8657
-0.1811	0.3379
-0.9913	-0.9688
-0.4083	-0.1848
-0.564	0.4665

Table 281: Table continues below

tGravityAcc.correlation. . . Y.Z	tBodyAccJerk.mean. . . X
0.9869	0.078
0.9744	0.07401
0.6434	0.07364
0.9843	0.07732
0.9648	0.07344

tGravityAcc.correlation... Y.Z	tBodyAccJerk.mean... X
0.4431	0.07793

Table 282: Table continues below

tBodyAccJerk.mean... Y	tBodyAccJerk.mean... Z	tBodyAccJerk.std... X
0.005001	-0.06783	-0.9935
0.005771	0.02938	-0.9955
0.003104	-0.009046	-0.9907
0.02006	-0.009865	-0.9927
0.01912	0.01678	-0.9964
0.01868	0.009344	-0.9948

Table 283: Table continues below

tBodyAccJerk.std... Y	tBodyAccJerk.std... Z	tBodyAccJerk.mad... X
-0.9884	-0.9936	-0.9945
-0.9811	-0.9918	-0.9956
-0.981	-0.9897	-0.9909
-0.9876	-0.9935	-0.9943
-0.9884	-0.9925	-0.9966
-0.9887	-0.9923	-0.9952

Table 284: Table continues below

tBodyAccJerk.mad... Y	tBodyAccJerk.mad... Z	tBodyAccJerk.max... X
-0.9862	-0.9928	-0.9852
-0.9789	-0.9913	-0.9945
-0.9793	-0.9872	-0.9871
-0.9857	-0.9915	-0.9871
-0.9865	-0.9907	-0.997
-0.9868	-0.9911	-0.9941

Table 285: Table continues below

tBodyAccJerk.max... Y	tBodyAccJerk.max... Z	tBodyAccJerk.min... X
-0.992	-0.9931	0.9898
-0.9791	-0.9923	0.9926
-0.9791	-0.9923	0.9884
-0.9918	-0.9898	0.9884
-0.9918	-0.9898	0.9943
-0.9918	-0.9926	0.9943

Table 286: Table continues below

tBodyAccJerk.min. . . Y	tBodyAccJerk.min. . . Z	tBodyAccJerk.sma..
0.992	0.9905	-0.9935
0.9918	0.9885	-0.9914
0.9918	0.9885	-0.9881
0.9925	0.9932	-0.9929
0.9925	0.9856	-0.9938
0.9933	0.9856	-0.9935

Table 287: Table continues below

tBodyAccJerk.energy. . . X	tBodyAccJerk.energy. . . Y
-0.9999	-0.9998
-1	-0.9996
-0.9999	-0.9996
-0.9999	-0.9998
-1	-0.9998
-1	-0.9998

Table 288: Table continues below

tBodyAccJerk.energy. . . Z	tBodyAccJerk.iqr. . . X	tBodyAccJerk.iqr. . . Y
-0.9999	-0.9944	-0.986
-0.9998	-0.9939	-0.9794
-0.9998	-0.9878	-0.9801
-0.9999	-0.9947	-0.987
-0.9999	-0.9959	-0.9865
-0.9999	-0.9953	-0.9874

Table 289: Table continues below

tBodyAccJerk.iqr. . . Z	tBodyAccJerk.entropy. . . X
-0.9892	-0.8199
-0.9934	-0.8751
-0.9819	-0.7536
-0.9889	-0.8208
-0.9906	-0.8507
-0.9896	-0.7787

Table 290: Table continues below

tBodyAccJerk.entropy. . . Y	tBodyAccJerk.entropy. . . Z
-0.793	-0.8889
-0.6554	-0.7674
-0.6733	-0.7471
-0.755	-0.8253
-0.7463	-0.797

tBodyAccJerk.entropy... Y	tBodyAccJerk.entropy... Z
-0.755	-0.7909

Table 291: Table continues below

tBodyAccJerk.arCoeff... X.1	tBodyAccJerk.arCoeff... X.2
1	-0.2207
0.4897	0.071
0.2652	0.1884
0.1229	0.2764
0.2409	0.1349
0.2807	0.1004

Table 292: Table continues below

tBodyAccJerk.arCoeff... X.3	tBodyAccJerk.arCoeff... X.4
0.6368	0.3876
0.3627	0.5273
0.4646	0.3717
0.4574	0.1934
0.2969	0.2872
0.2597	0.2019

Table 293: Table continues below

tBodyAccJerk.arCoeff... Y.1	tBodyAccJerk.arCoeff... Y.2
0.2414	-0.05225
0.1494	0.06293
0.08266	-0.004622
0.1024	-0.0991
0.319	-0.1434
0.3506	-0.07727

Table 294: Table continues below

tBodyAccJerk.arCoeff... Y.3	tBodyAccJerk.arCoeff... Y.4
0.2642	0.3734
0.3705	0.4135
0.3275	0.4376
0.1947	0.4842
0.4775	0.418
0.5627	0.352

Table 295: Table continues below

tBodyAccJerk.arCoeff...Z.1	tBodyAccJerk.arCoeff...Z.2
0.3418	-0.5698
0.1222	0.1806
0.2579	0.07003
0.3577	-0.187
0.3895	-0.03031
0.3687	0.04339

Table 296: Table continues below

tBodyAccJerk.arCoeff...Z.3	tBodyAccJerk.arCoeff...Z.4
0.2654	-0.4779
0.04742	0.1666
0.187	0.2468
0.2981	0.4519
0.1633	0.1802
0.1473	0.2992

Table 297: Table continues below

tBodyAccJerk.correlation...X.Y	tBodyAccJerk.correlation...X.Z
-0.3853	0.03364
-0.2088	0.0841
-0.1201	-0.11
-0.1275	-0.08328
-0.2729	0.1031
-0.3746	0.04183

Table 298: Table continues below

tBodyAccJerk.correlation...Y.Z	tBodyGyro.mean...X
-0.1265	-0.006101
-0.2686	-0.01611
-0.03995	-0.0317
0.4571	-0.04341
0.06473	-0.03396
-0.1118	-0.02878

Table 299: Table continues below

tBodyGyro.mean...Y	tBodyGyro.mean...Z	tBodyGyro.std...X
-0.03136	0.1077	-0.9853
-0.08389	0.1006	-0.9831
-0.1023	0.09613	-0.9763
-0.09139	0.08554	-0.9914
-0.07471	0.07739	-0.9852

tBodyGyro.mean... Y	tBodyGyro.mean... Z	tBodyGyro.std... X
-0.07039	0.07901	-0.9852

Table 300: Table continues below

tBodyGyro.std... Y	tBodyGyro.std... Z	tBodyGyro.mad... X
-0.9766	-0.9922	-0.9846
-0.989	-0.9891	-0.9869
-0.9936	-0.9864	-0.9749
-0.9924	-0.9876	-0.9916
-0.9924	-0.9874	-0.9869
-0.9921	-0.9831	-0.9858

Table 301: Table continues below

tBodyGyro.mad... Y	tBodyGyro.mad... Z	tBodyGyro.max... X
-0.9764	-0.9924	-0.867
-0.989	-0.9892	-0.8649
-0.9941	-0.9858	-0.8649
-0.9931	-0.9896	-0.8853
-0.9925	-0.9882	-0.8702
-0.9923	-0.9827	-0.8702

Table 302: Table continues below

tBodyGyro.max... Y	tBodyGyro.max... Z	tBodyGyro.min... X
-0.9338	-0.7476	0.8473
-0.9536	-0.7459	0.8337
-0.959	-0.7433	0.8337
-0.9567	-0.7433	0.8342
-0.9534	-0.7498	0.8391
-0.9534	-0.7464	0.8398

Table 303: Table continues below

tBodyGyro.min... Y	tBodyGyro.min... Z	tBodyGyro.sma..
0.9149	0.8308	-0.9672
0.9081	0.8289	-0.9806
0.9058	0.8289	-0.9763
0.9058	0.8266	-0.9823
0.9112	0.8214	-0.9853
0.9112	0.8188	-0.9852

Table 304: Table continues below

tBodyGyro.energy... X	tBodyGyro.energy... Y	tBodyGyro.energy... Z
-0.9996	-0.9994	-0.9998
-0.9998	-0.9999	-0.9998
-0.9997	-0.9998	-0.9998
-0.9998	-0.9999	-0.9999
-0.9998	-1	-0.9998
-0.9999	-0.9999	-0.9998

Table 305: Table continues below

tBodyGyro.iqr... X	tBodyGyro.iqr... Y	tBodyGyro.iqr... Z
-0.9834	-0.9786	-0.993
-0.9928	-0.9893	-0.9902
-0.9724	-0.9951	-0.9868
-0.991	-0.9942	-0.9946
-0.9898	-0.9933	-0.9912
-0.9853	-0.993	-0.9837

Table 306: Table continues below

tBodyGyro.entropy... X	tBodyGyro.entropy... Y	tBodyGyro.entropy... Z
0.08263	0.2023	-0.1688
0.007469	-0.5312	-0.1774
-0.2609	-1	-0.2484
-0.9306	-0.8266	-0.5434
-0.6289	-0.4678	-0.6509
-0.3638	-0.3705	-0.4621

Table 307: Table continues below

tBodyGyro.arCoeff... X.1	tBodyGyro.arCoeff... X.2
0.09632	-0.275
-0.3877	0.1791
-0.4372	0.239
-0.1659	-0.01288
-0.2127	0.002111
-0.4028	0.242

Table 308: Table continues below

tBodyGyro.arCoeff... X.3	tBodyGyro.arCoeff... X.4
0.4986	-0.2203
0.2108	-0.1403
0.1452	-0.1139
0.3201	-0.1651
0.3881	-0.2333

tBodyGyro.arCoeff. . . X.3	tBodyGyro.arCoeff. . . X.4
0.05914	0.03028

Table 309: Table continues below

tBodyGyro.arCoeff. . . Y.1	tBodyGyro.arCoeff. . . Y.2
1	-0.973
-0.04703	-0.06495
0.03231	-0.1279
0.04455	-0.1252
-0.1632	0.1865
-0.1197	0.1506

Table 310: Table continues below

tBodyGyro.arCoeff. . . Y.3	tBodyGyro.arCoeff. . . Y.4
0.3167	0.3757
0.1177	0.08169
0.1149	0.1254
0.07832	0.177
-0.4349	0.6501
-0.3809	0.5733

Table 311: Table continues below

tBodyGyro.arCoeff. . . Z.1	tBodyGyro.arCoeff. . . Z.2
0.7234	-0.7711
0.04236	-0.1499
0.1121	-0.1656
0.1934	-0.2072
0.24	-0.3395
0.1038	-0.2277

Table 312: Table continues below

tBodyGyro.arCoeff. . . Z.3	tBodyGyro.arCoeff. . . Z.4
0.6902	-0.3318
0.2926	-0.1494
0.1346	0.1843
0.1125	0.2021
0.1325	0.4733
0.1382	0.3462

Table 313: Table continues below

tBodyGyro.correlation. . . X.Y	tBodyGyro.correlation. . . X.Z
0.7096	0.1349
0.04672	-0.2569
-0.01013	0.04331
0.2102	0.1411
-0.142	0.4844
-0.4481	0.645

Table 314: Table continues below

tBodyGyro.correlation. . . Y.Z	tBodyGyroJerk.mean. . . X
0.3011	-0.09917
0.1694	-0.1105
-0.3506	-0.1085
-0.7253	-0.09117
-0.7246	-0.09077
-0.746	-0.09425

Table 315: Table continues below

tBodyGyroJerk.mean. . . Y	tBodyGyroJerk.mean. . . Z
-0.05552	-0.06199
-0.04482	-0.05924
-0.04241	-0.05583
-0.03633	-0.06046
-0.03763	-0.05829
-0.04336	-0.04194

Table 316: Table continues below

tBodyGyroJerk.std. . . X	tBodyGyroJerk.std. . . Y	tBodyGyroJerk.std. . . Z
-0.9921	-0.9925	-0.9921
-0.9899	-0.9973	-0.9939
-0.9885	-0.9956	-0.9915
-0.9911	-0.9966	-0.9933
-0.9914	-0.9965	-0.9945
-0.9916	-0.996	-0.9931

Table 317: Table continues below

tBodyGyroJerk.mad. . . X	tBodyGyroJerk.mad. . . Y	tBodyGyroJerk.mad. . . Z
-0.9922	-0.9949	-0.9926
-0.9899	-0.9975	-0.9938
-0.9879	-0.9957	-0.9916
-0.9912	-0.997	-0.994
-0.9929	-0.9965	-0.9944

tBodyGyroJerk.mad. . . X	tBodyGyroJerk.mad. . . Y	tBodyGyroJerk.mad. . . Z
-0.993	-0.996	-0.9926

Table 318: Table continues below

tBodyGyroJerk.max. . . X	tBodyGyroJerk.max. . . Y	tBodyGyroJerk.max. . . Z
-0.9902	-0.9867	-0.992
-0.9919	-0.9977	-0.9949
-0.9934	-0.9938	-0.989
-0.9937	-0.9938	-0.989
-0.9798	-0.9975	-0.9934
-0.9798	-0.9975	-0.9934

Table 319: Table continues below

tBodyGyroJerk.min. . . X	tBodyGyroJerk.min. . . Y	tBodyGyroJerk.min. . . Z
0.9944	0.9918	0.9894
0.9905	0.9971	0.9945
0.9893	0.9971	0.9941
0.9893	0.9981	0.9941
0.9937	0.9975	0.9965
0.9938	0.9975	0.9965

Table 320: Table continues below

tBodyGyroJerk.sma..	tBodyGyroJerk.energy. . . X
-0.9945	-0.9999
-0.9953	-0.9999
-0.9934	-0.9999
-0.9955	-0.9999
-0.9959	-0.9999
-0.9952	-0.9999

Table 321: Table continues below

tBodyGyroJerk.energy. . . Y	tBodyGyroJerk.energy. . . Z
-1	-0.9999
-1	-0.9999
-1	-0.9999
-1	-0.9999
-1	-1
-1	-0.9999

Table 322: Table continues below

tBodyGyroJerk.iqr. . . X	tBodyGyroJerk.iqr. . . Y	tBodyGyroJerk.iqr. . . Z
-0.9923	-0.9969	-0.9922
-0.9907	-0.9973	-0.9938
-0.9871	-0.9954	-0.9928
-0.9909	-0.9971	-0.9954
-0.9945	-0.9967	-0.994
-0.9937	-0.9961	-0.992

Table 323: Table continues below

tBodyGyroJerk.entropy. . . X	tBodyGyroJerk.entropy. . . Y
-0.5899	-0.6885
-0.6009	-0.7482
-0.5436	-0.673
-0.562	-0.7313
-0.6177	-0.6831
-0.6279	-0.6806

Table 324: Table continues below

tBodyGyroJerk.entropy. . . Z	tBodyGyroJerk.arCoeff. . . X.1
-0.5721	0.2924
-0.6089	-0.1933
-0.5884	-0.2412
-0.6614	0.009895
-0.6329	-0.02568
-0.5419	-0.2655

Table 325: Table continues below

tBodyGyroJerk.arCoeff. . . X.2	tBodyGyroJerk.arCoeff. . . X.3
-0.362	0.4055
-0.06741	0.1856
-0.01138	0.1161
-0.1376	0.126
-0.1881	0.2309
0.0558	-0.04564

Table 326: Table continues below

tBodyGyroJerk.arCoeff. . . X.4	tBodyGyroJerk.arCoeff. . . Y.1
-0.03901	0.9893
0.04152	0.07235
0.08963	0.09599
0.3161	0.09433
0.2003	-0.1494

tBodyGyroJerk.arCoeff. . . X.4	tBodyGyroJerk.arCoeff. . . Y.1
0.2363	-0.1222

Table 327: Table continues below

tBodyGyroJerk.arCoeff. . . Y.2	tBodyGyroJerk.arCoeff. . . Y.3
-0.4146	0.3916
-0.03538	0.1776
0.009604	0.09513
0.02617	0.06966
0.272	-0.2715
0.2681	-0.1937

Table 328: Table continues below

tBodyGyroJerk.arCoeff. . . Y.4	tBodyGyroJerk.arCoeff. . . Z.1
0.2823	0.9273
0.0275	0.1827
0.2529	0.1816
0.2467	0.2574
-0.009937	0.2351
-0.00532	0.2034

Table 329: Table continues below

tBodyGyroJerk.arCoeff. . . Z.2	tBodyGyroJerk.arCoeff. . . Z.3
-0.5724	0.6916
-0.1675	0.2533
-0.1693	0.132
-0.1368	0.08732
-0.341	-0.08571
-0.2967	0.06993

Table 330: Table continues below

tBodyGyroJerk.arCoeff. . . Z.4	tBodyGyroJerk.correlation. . . X.Y
0.4683	-0.1311
0.1323	0.2939
0.008197	0.1933
0.1491	0.1967
0.164	0.1206
-0.01226	0.01791

Table 331: Table continues below

tBodyGyroJerk.correlation... X.Z	tBodyGyroJerk.correlation... Y.Z
-0.08716	0.3362
-0.01808	-0.3433
0.07372	-0.3149
0.1405	-0.3059
0.1075	-0.2826
0.1867	-0.3212

Table 332: Table continues below

tBodyAccMag.mean..	tBodyAccMag.std..	tBodyAccMag.mad..
-0.9594	-0.9506	-0.958
-0.9793	-0.9761	-0.9782
-0.9837	-0.988	-0.9883
-0.9865	-0.9864	-0.9864
-0.9928	-0.9913	-0.9912
-0.9943	-0.9952	-0.995

Table 333: Table continues below

tBodyAccMag.max..	tBodyAccMag.min..	tBodyAccMag.sma..
-0.9463	-0.9926	-0.9594
-0.9787	-0.9953	-0.9793
-0.9865	-0.9953	-0.9837
-0.9865	-0.997	-0.9865
-0.991	-0.997	-0.9928
-0.9957	-0.9942	-0.9943

Table 334: Table continues below

tBodyAccMag.energy..	tBodyAccMag.iqr..	tBodyAccMag.entropy..
-0.9985	-0.9576	-0.2326
-0.9995	-0.9812	-0.4419
-0.9997	-0.9858	-0.5999
-0.9997	-0.9835	-0.589
-0.9999	-0.9896	-0.7046
-0.9999	-0.9935	-0.7853

Table 335: Table continues below

tBodyAccMag.arCoeff..1	tBodyAccMag.arCoeff..2
-0.1732	-0.0229
0.08157	-0.1094
0.03805	-0.07421
-0.09286	0.0464
0.1804	-0.2777

tBodyAccMag.arCoeff..1	tBodyAccMag.arCoeff..2
0.3703	-0.3935

Table 336: Table continues below

tBodyAccMag.arCoeff..3	tBodyAccMag.arCoeff..4
0.09483	0.1918
0.3118	-0.4117
0.2541	-0.2961
-0.0004664	0.03714
0.5156	-0.3559
0.5635	-0.4815

Table 337: Table continues below

tGravityAccMag.mean..	tGravityAccMag.std..	tGravityAccMag.mad..
-0.9594	-0.9506	-0.958
-0.9793	-0.9761	-0.9782
-0.9837	-0.988	-0.9883
-0.9865	-0.9864	-0.9864
-0.9928	-0.9913	-0.9912
-0.9943	-0.9952	-0.995

Table 338: Table continues below

tGravityAccMag.max..	tGravityAccMag.min..	tGravityAccMag.sma..
-0.9463	-0.9926	-0.9594
-0.9787	-0.9953	-0.9793
-0.9865	-0.9953	-0.9837
-0.9865	-0.997	-0.9865
-0.991	-0.997	-0.9928
-0.9957	-0.9942	-0.9943

Table 339: Table continues below

tGravityAccMag.energy..	tGravityAccMag.iqr..
-0.9985	-0.9576
-0.9995	-0.9812
-0.9997	-0.9858
-0.9997	-0.9835
-0.9999	-0.9896
-0.9999	-0.9935

Table 340: Table continues below

tGravityAccMag.entropy..	tGravityAccMag.arCoeff..1
-0.2326	-0.1732
-0.4419	0.08157
-0.5999	0.03805
-0.589	-0.09286
-0.7046	0.1804
-0.7853	0.3703

Table 341: Table continues below

tGravityAccMag.arCoeff..2	tGravityAccMag.arCoeff..3
-0.0229	0.09483
-0.1094	0.3118
-0.07421	0.2541
0.0464	-0.0004664
-0.2777	0.5156
-0.3935	0.5635

Table 342: Table continues below

tGravityAccMag.arCoeff..4	tBodyAccJerkMag.mean..
0.1918	-0.9933
-0.4117	-0.9913
-0.2961	-0.9885
0.03714	-0.9931
-0.3559	-0.9935
-0.4815	-0.993

Table 343: Table continues below

tBodyAccJerkMag.std..	tBodyAccJerkMag.mad..	tBodyAccJerkMag.max..
-0.9943	-0.9945	-0.9928
-0.9917	-0.9927	-0.9887
-0.9904	-0.9907	-0.9887
-0.9934	-0.9932	-0.9934
-0.9959	-0.9961	-0.9933
-0.9954	-0.9955	-0.9933

Table 344: Table continues below

tBodyAccJerkMag.min..	tBodyAccJerkMag.sma..
-0.9912	-0.9933
-0.9912	-0.9913
-0.993	-0.9885
-0.993	-0.9931
-0.9813	-0.9935

tBodyAccJerkMag.min..	tBodyAccJerkMag.sma..
-0.9932	-0.993

Table 345: Table continues below

tBodyAccJerkMag.energy..	tBodyAccJerkMag.iqr..
-0.9999	-0.9929
-0.9998	-0.9935
-0.9998	-0.99
-0.9999	-0.9917
-0.9999	-0.9968
-0.9999	-0.995

Table 346: Table continues below

tBodyAccJerkMag.entropy..	tBodyAccJerkMag.arCoeff..1
-0.8634	0.2831
-0.8199	0.4588
-0.7949	0.6497
-0.7923	0.6616
-0.85	0.3116
-0.8713	0.07271

Table 347: Table continues below

tBodyAccJerkMag.arCoeff..2	tBodyAccJerkMag.arCoeff..3
-0.2373	-0.1054
-0.2449	0.05614
-0.2601	-0.1284
-0.2475	-0.2303
-0.1701	0.1344
0.01782	-0.06859

Table 348: Table continues below

tBodyAccJerkMag.arCoeff..4	tBodyGyroMag.mean..	tBodyGyroMag.std..
-0.03821	-0.969	-0.9643
-0.4583	-0.9807	-0.9838
-0.5205	-0.9763	-0.9861
-0.4365	-0.9821	-0.9874
-0.4583	-0.9852	-0.9891
-0.1662	-0.9859	-0.9864

Table 349: Table continues below

tBodyGyroMag.mad..	tBodyGyroMag.max..	tBodyGyroMag.min..
-0.9572	-0.9751	-0.9916
-0.982	-0.9847	-0.9916
-0.9845	-0.9847	-0.9662
-0.9856	-0.99	-0.9817
-0.9896	-0.987	-0.9817
-0.9863	-0.987	-0.9904

Table 350: Table continues below

tBodyGyroMag.sma..	tBodyGyroMag.energy..	tBodyGyroMag.iqr..
-0.969	-0.9993	-0.9498
-0.9807	-0.9997	-0.9829
-0.9763	-0.9996	-0.9835
-0.9821	-0.9998	-0.984
-0.9852	-0.9998	-0.9923
-0.9859	-0.9998	-0.9893

Table 351: Table continues below

tBodyGyroMag.entropy..	tBodyGyroMag.arCoeff..1
0.07258	0.5725
-0.1929	-0.2253
-0.2228	-0.2268
-0.2407	-0.202
-0.3387	-0.237
-0.2449	-0.1727

Table 352: Table continues below

tBodyGyroMag.arCoeff..2	tBodyGyroMag.arCoeff..3
-0.7386	0.2126
-0.01706	0.1558
0.05968	0.06148
0.05471	0.1101
0.09382	0.02333
-0.007801	0.09589

Table 353: Table continues below

tBodyGyroMag.arCoeff..4	tBodyGyroJerkMag.mean..
0.4334	-0.9942
0.08258	-0.9951
0.0417	-0.9934
-0.07942	-0.9955
0.03904	-0.9958

tBodyGyroMag.arCoeff..4	tBodyGyroJerkMag.mean..
0.06976	-0.9953

Table 354: Table continues below

tBodyGyroJerkMag.std..	tBodyGyroJerkMag.mad..
-0.9914	-0.9931
-0.9961	-0.9958
-0.9951	-0.9949
-0.9953	-0.9953
-0.9953	-0.9963
-0.9952	-0.9961

Table 355: Table continues below

tBodyGyroJerkMag.max..	tBodyGyroJerkMag.min..
-0.9889	-0.9935
-0.9965	-0.992
-0.9954	-0.9977
-0.9954	-0.9977
-0.9924	-0.9922
-0.9924	-0.9928

Table 356: Table continues below

tBodyGyroJerkMag.sma..	tBodyGyroJerkMag.energy..
-0.9942	-0.9999
-0.9951	-1
-0.9934	-1
-0.9955	-1
-0.9958	-1
-0.9953	-1

Table 357: Table continues below

tBodyGyroJerkMag.iqr..	tBodyGyroJerkMag.entropy..
-0.9945	-0.6198
-0.9948	-0.7307
-0.994	-0.6629
-0.995	-0.683
-0.9965	-0.7202
-0.9961	-0.7511

Table 358: Table continues below

tBodyGyroJerkMag.arCoeff..1	tBodyGyroJerkMag.arCoeff..2
0.2928	-0.1769
0.2093	-0.1781
0.328	-0.1546
0.5954	-0.2646
0.3319	-0.2606
0.1788	-0.1814

Table 359: Table continues below

tBodyGyroJerkMag.arCoeff..3	tBodyGyroJerkMag.arCoeff..4
-0.1458	-0.1241
-0.1031	-0.04382
-0.2206	-0.1075
-0.3157	-0.1638
-0.1457	-0.007368
0.04957	-0.1689

Table 360: Table continues below

fBodyAcc.mean... X	fBodyAcc.mean... Y	fBodyAcc.mean... Z
-0.9948	-0.983	-0.9393
-0.9975	-0.9769	-0.9735
-0.9936	-0.9725	-0.9833
-0.9955	-0.9836	-0.9911
-0.9973	-0.9823	-0.9884
-0.9967	-0.9869	-0.9927

Table 361: Table continues below

fBodyAcc.std... X	fBodyAcc.std... Y	fBodyAcc.std... Z
-0.9954	-0.9831	-0.9062
-0.9987	-0.9749	-0.9554
-0.9963	-0.9655	-0.977
-0.9963	-0.9832	-0.9902
-0.9986	-0.9801	-0.9919
-0.9976	-0.9923	-0.997

Table 362: Table continues below

fBodyAcc.mad... X	fBodyAcc.mad... Y	fBodyAcc.mad... Z
-0.9969	-0.9845	-0.9321
-0.9979	-0.9769	-0.9684
-0.9941	-0.9717	-0.9822
-0.9945	-0.9828	-0.989
-0.9977	-0.9824	-0.9909

fBodyAcc.mad. . . X	fBodyAcc.mad. . . Y	fBodyAcc.mad. . . Z
-0.9966	-0.9899	-0.995

Table 363: Table continues below

fBodyAcc.max. . . X	fBodyAcc.max. . . Y	fBodyAcc.max. . . Z
-0.9938	-0.9832	-0.8851
-0.9994	-0.9738	-0.9488
-0.9982	-0.9631	-0.9686
-0.9974	-0.9873	-0.9878
-0.9993	-0.9808	-0.9891
-0.9986	-0.9934	-0.9983

Table 364: Table continues below

fBodyAcc.min. . . X	fBodyAcc.min. . . Y	fBodyAcc.min. . . Z
-0.994	-0.9934	-0.9234
-0.9983	-0.9927	-0.9895
-0.9971	-0.9899	-0.9909
-0.9944	-0.9903	-0.9966
-0.995	-0.9918	-0.9745
-0.9957	-0.9952	-0.9863

Table 365: Table continues below

fBodyAcc.sma..	fBodyAcc.energy. . . X	fBodyAcc.energy. . . Y
-0.9747	-1	-0.9997
-0.9858	-1	-0.9994
-0.9858	-1	-0.9991
-0.9928	-1	-0.9997
-0.9924	-1	-0.9996
-0.995	-1	-0.9999

Table 366: Table continues below

fBodyAcc.energy. . . Z	fBodyAcc.iqr. . . X	fBodyAcc.iqr. . . Y
-0.9949	-0.9959	-0.9897
-0.9986	-0.9949	-0.9808
-0.9994	-0.9886	-0.9772
-0.9998	-0.9904	-0.9919
-0.9998	-0.9938	-0.9882
-0.9999	-0.9948	-0.9869

Table 367: Table continues below

fBodyAcc.iqr. . . Z	fBodyAcc.entropy. . . X	fBodyAcc.entropy. . . Y
-0.988	-0.9464	-0.9047
-0.9858	-1	-0.9047
-0.9813	-1	-0.8158
-0.9881	-1	-0.8704
-0.9864	-1	-0.8704
-0.9878	-1	-0.9449

Table 368: Table continues below

fBodyAcc.entropy. . . Z	fBodyAcc.maxInds.X	fBodyAcc.maxInds.Y
-0.5913	-1	-1
-0.7584	0.09677	-1
-0.8135	-0.9355	-1
-0.9442	-1	-1
-0.9442	0.09677	-1
-1	-0.6129	-1

Table 369: Table continues below

fBodyAcc.maxInds.Z	fBodyAcc.meanFreq. . . X	fBodyAcc.meanFreq. . . Y
-1	0.2525	0.1318
-1	0.2713	0.04286
-1	0.1245	-0.06461
-1	0.02904	0.0803
-1	0.1811	0.05799
-1	0.1574	0.3188

Table 370: Table continues below

fBodyAcc.meanFreq. . . Z	fBodyAcc.skewness. . . X	fBodyAcc.kurtosis. . . X
-0.05205	0.1421	-0.1507
-0.01431	-0.6925	-0.954
0.08268	-0.7272	-0.9654
0.1857	-0.5991	-0.9084
0.5598	-0.677	-0.9514
0.6056	-0.6311	-0.9349

Table 371: Table continues below

fBodyAcc.skewness. . . Y	fBodyAcc.kurtosis. . . Y	fBodyAcc.skewness. . . Z
-0.2205	-0.5587	0.2468
-0.04971	-0.332	0.05668
0.1631	-0.09215	-0.04494
-0.4609	-0.8131	-0.5668
-0.1804	-0.5337	-0.5855

fBodyAcc.skewness... Y	fBodyAcc.kurtosis... Y	fBodyAcc.skewness... Z
-0.6608	-0.8994	-0.8807

Table 372: Table continues below

fBodyAcc.kurtosis... Z	fBodyAcc.bandsEnergy... 1.8
-0.007416	-1
-0.289	-1
-0.2884	-1
-0.7712	-1
-0.7904	-1
-0.9636	-1

Table 373: Table continues below

fBodyAcc.bandsEnergy... 9.16	fBodyAcc.bandsEnergy... 17.24
-1	-1
-1	-0.9999
-1	-0.9998
-1	-0.9998
-1	-0.9999
-1	-0.9999

Table 374: Table continues below

fBodyAcc.bandsEnergy... 25.32	fBodyAcc.bandsEnergy... 33.40
-1	-0.9999
-1	-0.9999
-0.9998	-0.9999
-0.9999	-1
-0.9999	-1
-0.9999	-0.9999

Table 375: Table continues below

fBodyAcc.bandsEnergy... 41.48	fBodyAcc.bandsEnergy... 49.56
-0.9997	-0.9997
-0.9999	-1
-0.9999	-0.9999
-0.9999	-1
-0.9999	-1
-0.9999	-1

Table 376: Table continues below

fBodyAcc.bandsEnergy... 57.64	fBodyAcc.bandsEnergy... 1.16
-1	-1
-1	-1
-1	-1
-1	-1
-1	-1
-1	-1

Table 377: Table continues below

fBodyAcc.bandsEnergy... 17.32	fBodyAcc.bandsEnergy... 33.48
-1	-0.9999
-0.9999	-0.9999
-0.9998	-0.9999
-0.9998	-1
-0.9999	-1
-0.9999	-0.9999

Table 378: Table continues below

fBodyAcc.bandsEnergy... 49.64	fBodyAcc.bandsEnergy... 1.24
-0.9998	-1
-1	-1
-0.9999	-1
-1	-1
-1	-1
-1	-1

Table 379: Table continues below

fBodyAcc.bandsEnergy... 25.48	fBodyAcc.bandsEnergy... 1.8.1
-0.9999	-0.9997
-0.9999	-0.9994
-0.9999	-0.999
-0.9999	-0.9997
-1	-0.9996
-0.9999	-0.9999

Table 380: Table continues below

fBodyAcc.bandsEnergy... 9.16.1	fBodyAcc.bandsEnergy... 17.24.1
-0.9999	-0.9999
-0.9998	-0.9996
-0.9997	-0.9997
-0.9997	-0.9999
-0.9999	-0.9999

fBodyAcc.bandsEnergy... 9.16.1	fBodyAcc.bandsEnergy... 17.24.1
-0.9999	-0.9998

Table 381: Table continues below

fBodyAcc.bandsEnergy... 25.32.1	fBodyAcc.bandsEnergy... 33.40.1
-0.9999	-0.9997
-0.9999	-0.9995
-0.9998	-0.9996
-0.9999	-0.9996
-0.9999	-0.9997
-0.9998	-0.9998

Table 382: Table continues below

fBodyAcc.bandsEnergy... 41.48.1	fBodyAcc.bandsEnergy... 49.56.1
-0.9997	-0.9995
-0.9997	-0.9996
-0.9997	-0.9996
-0.9999	-0.9995
-0.9997	-0.9995
-0.9997	-0.9996

Table 383: Table continues below

fBodyAcc.bandsEnergy... 57.64.1	fBodyAcc.bandsEnergy... 1.16.1
-0.9998	-0.9997
-0.9999	-0.9995
-0.9999	-0.9991
-0.9999	-0.9997
-0.9999	-0.9996
-0.9999	-0.9999

Table 384: Table continues below

fBodyAcc.bandsEnergy... 17.32.1	fBodyAcc.bandsEnergy... 33.48.1
-0.9998	-0.9997
-0.9996	-0.9996
-0.9996	-0.9996
-0.9999	-0.9997
-0.9998	-0.9997
-0.9998	-0.9998

Table 385: Table continues below

fBodyAcc.bandsEnergy... 49.64.1	fBodyAcc.bandsEnergy... 1.24.1
-0.9996	-0.9997
-0.9997	-0.9994
-0.9997	-0.9991
-0.9996	-0.9997
-0.9997	-0.9996
-0.9997	-0.9999

Table 386: Table continues below

fBodyAcc.bandsEnergy... 25.48.1	fBodyAcc.bandsEnergy... 1.8.2
-0.9998	-0.9936
-0.9998	-0.9982
-0.9998	-0.9994
-0.9999	-0.9998
-0.9998	-0.9998
-0.9998	-0.9999

Table 387: Table continues below

fBodyAcc.bandsEnergy... 9.16.2	fBodyAcc.bandsEnergy... 17.24.2
-0.9995	-0.9997
-0.9998	-0.9997
-0.9997	-0.9997
-0.9998	-0.9998
-0.9998	-0.9998
-0.9998	-0.9999

Table 388: Table continues below

fBodyAcc.bandsEnergy... 25.32.2	fBodyAcc.bandsEnergy... 33.40.2
-0.9996	-0.9993
-0.9999	-0.9997
-0.9998	-0.9998
-0.9999	-0.9999
-0.9998	-0.9997
-0.9998	-0.9998

Table 389: Table continues below

fBodyAcc.bandsEnergy... 41.48.2	fBodyAcc.bandsEnergy... 49.56.2
-0.9979	-0.9959
-0.9994	-0.9989
-0.9996	-0.9997
-0.9997	-0.9997
-0.9997	-0.999

fBodyAcc.bandsEnergy... 41.48.2	fBodyAcc.bandsEnergy... 49.56.2
-0.9995	-0.9997

Table 390: Table continues below

fBodyAcc.bandsEnergy... 57.64.2	fBodyAcc.bandsEnergy... 1.16.2
-0.9951	-0.9947
-0.9988	-0.9985
-0.9999	-0.9995
-1	-0.9998
-0.9994	-0.9998
-0.9999	-0.9999

Table 391: Table continues below

fBodyAcc.bandsEnergy... 17.32.2	fBodyAcc.bandsEnergy... 33.48.2
-0.9997	-0.9989
-0.9998	-0.9996
-0.9998	-0.9997
-0.9999	-0.9998
-0.9998	-0.9997
-0.9999	-0.9997

Table 392: Table continues below

fBodyAcc.bandsEnergy... 49.64.2	fBodyAcc.bandsEnergy... 1.24.2
-0.9957	-0.9949
-0.9989	-0.9986
-0.9998	-0.9994
-0.9998	-0.9998
-0.9991	-0.9998
-0.9998	-0.9999

Table 393: Table continues below

fBodyAcc.bandsEnergy... 25.48.2	fBodyAcc.Jerk.mean... X
-0.9995	-0.9923
-0.9998	-0.995
-0.9998	-0.991
-0.9999	-0.9944
-0.9998	-0.9963
-0.9998	-0.9949

Table 394: Table continues below

fBodyAccJerk.mean. . . Y	fBodyAccJerk.mean. . . Z	fBodyAccJerk.std. . . X
-0.9872	-0.9897	-0.9958
-0.9813	-0.9897	-0.9967
-0.9816	-0.9876	-0.9912
-0.9887	-0.9914	-0.9914
-0.9888	-0.9906	-0.9969
-0.9882	-0.9902	-0.9952

Table 395: Table continues below

fBodyAccJerk.std. . . Y	fBodyAccJerk.std. . . Z	fBodyAccJerk.mad. . . X
-0.9909	-0.9971	-0.9938
-0.9821	-0.9926	-0.995
-0.9814	-0.9904	-0.9878
-0.9869	-0.9944	-0.9894
-0.9886	-0.9929	-0.9961
-0.9902	-0.9931	-0.9931

Table 396: Table continues below

fBodyAccJerk.mad. . . Y	fBodyAccJerk.mad. . . Z	fBodyAccJerk.max. . . X
-0.9905	-0.997	-0.9967
-0.9829	-0.9916	-0.9974
-0.9811	-0.9877	-0.9952
-0.9871	-0.9938	-0.9934
-0.9889	-0.9917	-0.997
-0.9898	-0.9918	-0.997

Table 397: Table continues below

fBodyAccJerk.max. . . Y	fBodyAccJerk.max. . . Z	fBodyAccJerk.min. . . X
-0.992	-0.9932	-0.9983
-0.9849	-0.9932	-0.9979
-0.9854	-0.9939	-0.9975
-0.9879	-0.9942	-0.9979
-0.9904	-0.9951	-0.9958
-0.9928	-0.9942	-0.9961

Table 398: Table continues below

fBodyAccJerk.min. . . Y	fBodyAccJerk.min. . . Z	fBodyAccJerk.sma..
-0.9911	-0.9599	-0.9905
-0.9825	-0.9868	-0.9899
-0.9986	-0.9976	-0.9872
-0.9998	-0.9654	-0.9927
-0.9961	-0.996	-0.9933

fBodyAccJerk.min. . . Y	fBodyAccJerk.min. . . Z	fBodyAccJerk.sma..
-0.9991	-0.9849	-0.9922

Table 399: Table continues below

fBodyAccJerk.energy. . . X	fBodyAccJerk.energy. . . Y
-0.9999	-0.9998
-1	-0.9996
-0.9999	-0.9996
-0.9999	-0.9998
-1	-0.9998
-1	-0.9998

Table 400: Table continues below

fBodyAccJerk.energy. . . Z	fBodyAccJerk.iqr. . . X	fBodyAccJerk.iqr. . . Y
-0.9999	-0.993	-0.9914
-0.9998	-0.9928	-0.9852
-0.9998	-0.9818	-0.9848
-0.9999	-0.9918	-0.9907
-0.9999	-0.9961	-0.9924
-0.9999	-0.9914	-0.9911

Table 401: Table continues below

fBodyAccJerk.iqr. . . Z	fBodyAccJerk.entropy. . . X
-0.9962	-1
-0.991	-1
-0.9824	-1
-0.9933	-1
-0.9862	-1
-0.9878	-1

Table 402: Table continues below

fBodyAccJerk.entropy. . . Y	fBodyAccJerk.entropy. . . Z
-1	-1
-1	-1
-1	-1
-1	-1
-1	-1
-1	-1

Table 403: Table continues below

fBodyAccJerk.maxInds.X	fBodyAccJerk.maxInds.Y
1	-0.24
-0.32	-0.12
-0.16	-0.48
-0.12	-0.56
-0.32	-0.08
-0.32	-0.36

Table 404: Table continues below

fBodyAccJerk.maxInds.Z	fBodyAccJerk.meanFreq. . . X
-1	0.8704
-0.32	0.6085
-0.28	0.1154
-0.28	0.0358
0.04	0.2734
0.52	0.3288

Table 405: Table continues below

fBodyAccJerk.meanFreq. . . Y	fBodyAccJerk.meanFreq. . . Z
0.2107	0.2637
-0.05368	0.06315
-0.1934	0.03825
-0.09304	0.1681
0.07914	0.2924
0.05477	0.3209

Table 406: Table continues below

fBodyAccJerk.skewness. . . X	fBodyAccJerk.kurtosis. . . X
-0.7037	-0.9037
-0.6303	-0.9104
-0.5948	-0.9235
-0.2639	-0.7572
-0.5222	-0.813
-0.5946	-0.9053

Table 407: Table continues below

fBodyAccJerk.skewness. . . Y	fBodyAccJerk.kurtosis. . . Y
-0.5826	-0.9363
-0.4144	-0.8506
-0.5289	-0.913
-0.396	-0.8296
-0.4966	-0.9039

fBodyAccJerk.skewness... Y	fBodyAccJerk.kurtosis... Y
-0.665	-0.9565

Table 408: Table continues below

fBodyAccJerk.skewness... Z	fBodyAccJerk.kurtosis... Z
-0.5073	-0.8055
-0.6555	-0.916
-0.8034	-0.9801
-0.577	-0.8934
-0.7644	-0.9662
-0.7226	-0.9433

Table 409: Table continues below

fBodyAccJerk.bandsEnergy... 1.8	fBodyAccJerk.bandsEnergy... 9.16
-1	-1
-1	-1
-1	-0.9999
-1	-1
-1	-1
-1	-1

Table 410: Table continues below

fBodyAccJerk.bandsEnergy... 17.24	fBodyAccJerk.bandsEnergy... 25.32
-1	-1
-0.9999	-1
-0.9998	-0.9998
-0.9998	-0.9999
-0.9999	-0.9999
-0.9999	-0.9999

Table 411: Table continues below

fBodyAccJerk.bandsEnergy... 33.40	fBodyAccJerk.bandsEnergy... 41.48
-0.9999	-0.9996
-0.9999	-0.9998
-0.9999	-0.9999
-1	-0.9999
-1	-0.9999
-0.9999	-0.9999

Table 412: Table continues below

fBodyAccJerk.bandsEnergy... 49.56	fBodyAccJerk.bandsEnergy... 57.64
-0.9995	-1
-0.9999	-1
-0.9999	-1
-0.9999	-1
-1	-1
-0.9999	-1

Table 413: Table continues below

fBodyAccJerk.bandsEnergy... 1.16	fBodyAccJerk.bandsEnergy... 17.32
-1	-1
-1	-1
-1	-0.9998
-1	-0.9998
-1	-0.9999
-1	-0.9999

Table 414: Table continues below

fBodyAccJerk.bandsEnergy... 33.48	fBodyAccJerk.bandsEnergy... 49.64
-0.9998	-0.9995
-0.9999	-0.9999
-0.9999	-0.9999
-1	-0.9999
-1	-1
-0.9999	-0.9999

Table 415: Table continues below

fBodyAccJerk.bandsEnergy... 1.24	fBodyAccJerk.bandsEnergy... 25.48
-1	-0.9999
-1	-0.9999
-0.9999	-0.9998
-0.9999	-0.9999
-1	-0.9999
-1	-0.9999

Table 416: Table continues below

fBodyAccJerk.bandsEnergy... 1.8.1	fBodyAccJerk.bandsEnergy... 9.16.1
-0.9999	-0.9999
-0.9999	-0.9998
-0.9998	-0.9997
-0.9999	-0.9998
-0.9999	-0.9999

fBodyAccJerk.bandsEnergy... 1.8.1	fBodyAccJerk.bandsEnergy... 9.16.1
-0.9999	-0.9999

Table 417: Table continues below

fBodyAccJerk.bandsEnergy... 17.24.1	fBodyAccJerk.bandsEnergy... 25.32.1
-0.9998	-0.9999
-0.9995	-0.9998
-0.9996	-0.9998
-0.9999	-0.9999
-0.9998	-0.9999
-0.9998	-0.9998

Table 418: Table continues below

fBodyAccJerk.bandsEnergy... 33.40.1	fBodyAccJerk.bandsEnergy... 41.48.1
-0.9997	-0.9997
-0.9996	-0.9997
-0.9997	-0.9996
-0.9997	-0.9998
-0.9997	-0.9998
-0.9999	-0.9997

Table 419: Table continues below

fBodyAccJerk.bandsEnergy... 49.56.1	fBodyAccJerk.bandsEnergy... 57.64.1
-0.9996	-0.9998
-0.9996	-0.9999
-0.9997	-1
-0.9997	-1
-0.9995	-1
-0.9996	-1

Table 420: Table continues below

fBodyAccJerk.bandsEnergy... 1.16.1	fBodyAccJerk.bandsEnergy... 17.32.1
-0.9999	-0.9998
-0.9998	-0.9995
-0.9997	-0.9996
-0.9998	-0.9999
-0.9999	-0.9998
-0.9999	-0.9998

Table 421: Table continues below

fBodyAccJerk.bandsEnergy... 33.48.1	fBodyAccJerk.bandsEnergy... 49.64.1
-0.9997	-0.9996
-0.9996	-0.9996
-0.9996	-0.9997
-0.9997	-0.9997
-0.9997	-0.9996
-0.9998	-0.9996

Table 422: Table continues below

fBodyAccJerk.bandsEnergy... 1.24.1	fBodyAccJerk.bandsEnergy... 25.48.1
-0.9999	-0.9998
-0.9996	-0.9998
-0.9996	-0.9998
-0.9998	-0.9999
-0.9998	-0.9999
-0.9999	-0.9998

Table 423: Table continues below

fBodyAccJerk.bandsEnergy... 1.8.2	fBodyAccJerk.bandsEnergy... 9.16.2
-0.9994	-0.9998
-0.9999	-0.9998
-0.9999	-0.9998
-0.9999	-0.9997
-0.9998	-0.9999
-0.9999	-0.9998

Table 424: Table continues below

fBodyAccJerk.bandsEnergy... 17.24.2	fBodyAccJerk.bandsEnergy... 25.32.2
-1	-0.9999
-0.9998	-0.9998
-0.9997	-0.9998
-0.9998	-0.9999
-0.9999	-0.9998
-0.9999	-0.9998

Table 425: Table continues below

fBodyAccJerk.bandsEnergy... 33.40.2	fBodyAccJerk.bandsEnergy... 41.48.2
-0.9998	-0.9998
-0.9998	-0.9998
-0.9998	-0.9996
-0.9999	-0.9997
-0.9998	-0.9997

fBodyAccJerk.bandsEnergy... 33.40.2	fBodyAccJerk.bandsEnergy... 41.48.2
-0.9998	-0.9996

Table 426: Table continues below

fBodyAccJerk.bandsEnergy... 49.56.2	fBodyAccJerk.bandsEnergy... 57.64.2
-0.9988	-0.9986
-0.9996	-1
-0.9995	-1
-0.9992	-0.9997
-0.9992	-1
-0.9994	-0.9999

Table 427: Table continues below

fBodyAccJerk.bandsEnergy... 1.16.2	fBodyAccJerk.bandsEnergy... 17.32.2
-0.9996	-1
-0.9999	-0.9998
-0.9998	-0.9998
-0.9998	-0.9999
-0.9999	-0.9999
-0.9998	-0.9999

Table 428: Table continues below

fBodyAccJerk.bandsEnergy... 33.48.2	fBodyAccJerk.bandsEnergy... 49.64.2
-0.9998	-0.9987
-0.9998	-0.9997
-0.9997	-0.9995
-0.9998	-0.9992
-0.9997	-0.9992
-0.9997	-0.9994

Table 429: Table continues below

fBodyAccJerk.bandsEnergy... 1.24.2	fBodyAccJerk.bandsEnergy... 25.48.2
-0.9998	-0.9999
-0.9998	-0.9998
-0.9998	-0.9998
-0.9998	-0.9999
-0.9999	-0.9998
-0.9999	-0.9998

Table 430: Table continues below

fBodyGyro.mean. . . X	fBodyGyro.mean. . . Y	fBodyGyro.mean. . . Z
-0.9866	-0.9818	-0.9895
-0.9774	-0.9925	-0.9896
-0.9754	-0.9937	-0.9868
-0.9871	-0.9936	-0.9872
-0.9824	-0.993	-0.9887
-0.9849	-0.9928	-0.9808

Table 431: Table continues below

fBodyGyro.std. . . X	fBodyGyro.std. . . Y	fBodyGyro.std. . . Z
-0.985	-0.9739	-0.994
-0.9849	-0.9872	-0.9898
-0.9766	-0.9934	-0.9873
-0.9928	-0.9916	-0.9887
-0.986	-0.992	-0.9879
-0.9853	-0.9917	-0.9854

Table 432: Table continues below

fBodyGyro.mad. . . X	fBodyGyro.mad. . . Y	fBodyGyro.mad. . . Z
-0.9865	-0.9836	-0.9924
-0.9794	-0.9918	-0.988
-0.9756	-0.9937	-0.985
-0.9897	-0.9935	-0.9865
-0.9826	-0.9933	-0.9865
-0.9834	-0.9929	-0.9841

Table 433: Table continues below

fBodyGyro.max. . . X	fBodyGyro.max. . . Y	fBodyGyro.max. . . Z
-0.9805	-0.9723	-0.9949
-0.9874	-0.9848	-0.9902
-0.9729	-0.995	-0.9913
-0.9945	-0.9918	-0.9923
-0.988	-0.9932	-0.9914
-0.983	-0.9932	-0.9876

Table 434: Table continues below

fBodyGyro.min. . . X	fBodyGyro.min. . . Y	fBodyGyro.min. . . Z
-0.9976	-0.9841	-0.9943
-0.9869	-0.9991	-0.9944
-0.9883	-0.9972	-0.9936
-0.9897	-0.9943	-0.9931
-0.9937	-0.9937	-0.9948

fBodyGyro.min... X	fBodyGyro.min... Y	fBodyGyro.min... Z
-0.9994	-0.9978	-0.9816

Table 435: Table continues below

fBodyGyro.sma..	fBodyGyro.energy... X	fBodyGyro.energy... Y
-0.9853	-0.9999	-0.9997
-0.9869	-0.9998	-0.9999
-0.986	-0.9997	-1
-0.9903	-0.9999	-1
-0.9887	-0.9999	-1
-0.9876	-0.9999	-0.9999

Table 436: Table continues below

fBodyGyro.energy... Z	fBodyGyro.iqr... X	fBodyGyro.iqr... Y
-0.9999	-0.9903	-0.9948
-0.9999	-0.9871	-0.9956
-0.9998	-0.9855	-0.9954
-0.9999	-0.9929	-0.9963
-0.9999	-0.9905	-0.9961
-0.9998	-0.9883	-0.9941

Table 437: Table continues below

fBodyGyro.iqr... Z	fBodyGyro.entropy... X	fBodyGyro.entropy... Y
-0.9944	-0.7124	-0.6448
-0.9873	-0.6111	-0.7646
-0.9926	-0.591	-0.8083
-0.9902	-0.7237	-0.8038
-0.9974	-0.6526	-0.8272
-0.9904	-0.6782	-0.8083

Table 438: Table continues below

fBodyGyro.entropy... Z	fBodyGyro.maxInds.X	fBodyGyro.maxInds.Y
-0.839	-1	-1
-0.7511	-1	-1
-0.7511	-1	-0.871
-0.8173	-1	-1
-0.7375	-1	-0.8065
-0.7511	-0.9333	-0.9355

Table 439: Table continues below

fBodyGyro.maxInds.Z	fBodyGyro.meanFreq. . . X	fBodyGyro.meanFreq. . . Y
-1	-0.2575	0.09795
-1	-0.04817	-0.4016
-1	-0.2167	-0.01726
-0.7931	0.2169	-0.1352
-1	-0.1533	-0.0884
-0.931	-0.363	-0.1332

Table 440: Table continues below

fBodyGyro.meanFreq. . . Z	fBodyGyro.skewness. . . X
0.5472	0.3773
-0.06818	-0.4586
-0.1107	0.09052
-0.04973	-0.5721
-0.1622	-0.3396
0.1948	-0.004028

Table 441: Table continues below

fBodyGyro.kurtosis. . . X	fBodyGyro.skewness. . . Y
0.1341	0.2734
-0.797	0.3876
-0.2447	-0.4293
-0.8736	-0.1351
-0.7226	-0.2655
-0.3232	-0.2901

Table 442: Table continues below

fBodyGyro.kurtosis. . . Y	fBodyGyro.skewness. . . Z
-0.09126	-0.4843
0.1487	-0.1569
-0.8126	-0.392
-0.5422	-0.3794
-0.69	-0.268
-0.7054	-0.235

Table 443: Table continues below

fBodyGyro.kurtosis. . . Z	fBodyGyro.bandsEnergy. . . 1.8
-0.7829	-0.9999
-0.4518	-0.9999
-0.7675	-0.9997
-0.7565	-1
-0.6592	-0.9999

fBodyGyro.kurtosis... Z	fBodyGyro.bandsEnergy... 1.8
-0.6081	-0.9999

Table 444: Table continues below

fBodyGyro.bandsEnergy... 9.16	fBodyGyro.bandsEnergy... 17.24
-0.9999	-1
-0.9998	-0.9999
-0.9998	-0.9999
-0.9999	-0.9999
-0.9999	-0.9999
-0.9999	-1

Table 445: Table continues below

fBodyGyro.bandsEnergy... 25.32	fBodyGyro.bandsEnergy... 33.40
-1	-0.9999
-0.9999	-0.9999
-0.9999	-0.9998
-1	-0.9999
-0.9999	-0.9999
-1	-1

Table 446: Table continues below

fBodyGyro.bandsEnergy... 41.48	fBodyGyro.bandsEnergy... 49.56
-1	-0.9999
-0.9999	-0.9998
-0.9998	-0.9999
-0.9999	-0.9998
-0.9999	-0.9999
-1	-1

Table 447: Table continues below

fBodyGyro.bandsEnergy... 57.64	fBodyGyro.bandsEnergy... 1.16
-1	-0.9999
-0.9998	-0.9998
-0.9999	-0.9997
-0.9999	-1
-0.9999	-0.9999
-1	-0.9999

Table 448: Table continues below

fBodyGyro.bandsEnergy... 17.32	fBodyGyro.bandsEnergy... 33.48
-1	-0.9999
-0.9999	-0.9999
-0.9999	-0.9998
-0.9999	-0.9999
-0.9999	-0.9999
-1	-1

Table 449: Table continues below

fBodyGyro.bandsEnergy... 49.64	fBodyGyro.bandsEnergy... 1.24
-1	-0.9999
-0.9998	-0.9998
-0.9999	-0.9997
-0.9999	-0.9999
-0.9999	-0.9999
-1	-0.9999

Table 450: Table continues below

fBodyGyro.bandsEnergy... 25.48	fBodyGyro.bandsEnergy... 1.8.1
-1	-0.9995
-0.9999	-0.9999
-0.9999	-1
-0.9999	-0.9999
-0.9999	-0.9999
-1	-0.9999

Table 451: Table continues below

fBodyGyro.bandsEnergy... 9.16.1	fBodyGyro.bandsEnergy... 17.24.1
-1	-1
-1	-1
-1	-1
-1	-1
-1	-1
-1	-1

Table 452: Table continues below

fBodyGyro.bandsEnergy... 25.32.1	fBodyGyro.bandsEnergy... 33.40.1
-1	-1
-1	-1
-1	-1
-1	-1
-1	-1

fBodyGyro.bandsEnergy... 25.32.1	fBodyGyro.bandsEnergy... 33.40.1
-1	-1

Table 453: Table continues below

fBodyGyro.bandsEnergy... 41.48.1	fBodyGyro.bandsEnergy... 49.56.1
-0.9998	-0.9983
-1	-1
-0.9999	-1
-1	-1
-1	-1
-1	-1

Table 454: Table continues below

fBodyGyro.bandsEnergy... 57.64.1	fBodyGyro.bandsEnergy... 1.16.1
-0.999	-0.9996
-1	-0.9999
-1	-1
-1	-0.9999
-1	-0.9999
-1	-0.9999

Table 455: Table continues below

fBodyGyro.bandsEnergy... 17.32.1	fBodyGyro.bandsEnergy... 33.48.1
-1	-0.9999
-1	-1
-1	-1
-1	-1
-1	-1
-1	-1

Table 456: Table continues below

fBodyGyro.bandsEnergy... 49.64.1	fBodyGyro.bandsEnergy... 1.24.1
-0.9984	-0.9996
-1	-0.9999
-1	-1
-1	-0.9999
-1	-0.9999
-1	-0.9999

Table 457: Table continues below

fBodyGyro.bandsEnergy...25.48.1	fBodyGyro.bandsEnergy...1.8.2
-1	-1
-1	-0.9999
-1	-0.9999
-1	-0.9999
-1	-0.9999
-1	-0.9998

Table 458: Table continues below

fBodyGyro.bandsEnergy...9.16.2	fBodyGyro.bandsEnergy...17.24.2
-1	-0.9999
-1	-0.9999
-0.9999	-0.9999
-1	-1
-1	-1
-0.9999	-1

Table 459: Table continues below

fBodyGyro.bandsEnergy...25.32.2	fBodyGyro.bandsEnergy...33.40.2
-1	-0.9999
-1	-1
-1	-1
-1	-0.9999
-1	-0.9999
-0.9999	-0.9999

Table 460: Table continues below

fBodyGyro.bandsEnergy...41.48.2	fBodyGyro.bandsEnergy...49.56.2
-0.9998	-0.9991
-0.9999	-1
-0.9999	-0.9999
-0.9999	-0.9999
-0.9999	-0.9999
-0.9999	-0.9996

Table 461: Table continues below

fBodyGyro.bandsEnergy...57.64.2	fBodyGyro.bandsEnergy...1.16.2
-0.9999	-1
-1	-0.9999
-1	-0.9999
-0.9999	-0.9999
-1	-0.9999

fBodyGyro.bandsEnergy... 57.64.2	fBodyGyro.bandsEnergy... 1.16.2
-0.9996	-0.9998

Table 462: Table continues below

fBodyGyro.bandsEnergy... 17.32.2	fBodyGyro.bandsEnergy... 33.48.2
-0.9999	-0.9999
-0.9999	-1
-0.9999	-0.9999
-0.9999	-0.9999
-1	-0.9999
-0.9999	-0.9999

Table 463: Table continues below

fBodyGyro.bandsEnergy... 49.64.2	fBodyGyro.bandsEnergy... 1.24.2
-0.9994	-0.9999
-1	-0.9999
-0.9999	-0.9999
-0.9999	-0.9999
-0.9999	-0.9999
-0.9996	-0.9998

Table 464: Table continues below

fBodyGyro.bandsEnergy... 25.48.2	fBodyAccMag.mean..
-1	-0.9522
-1	-0.9809
-1	-0.9878
-1	-0.9875
-1	-0.9936
-0.9999	-0.9948

Table 465: Table continues below

fBodyAccMag.std..	fBodyAccMag.mad..	fBodyAccMag.max..
-0.9561	-0.9489	-0.9743
-0.9759	-0.9758	-0.9782
-0.989	-0.9856	-0.9931
-0.9867	-0.9835	-0.9902
-0.9901	-0.9923	-0.9905
-0.9953	-0.9939	-0.9954

Table 466: Table continues below

fBodyAccMag.min..	fBodyAccMag.sma..	fBodyAccMag.energy..
-0.9257	-0.9522	-0.9983
-0.9869	-0.9809	-0.9995
-0.9898	-0.9878	-0.9998
-0.9982	-0.9875	-0.9998
-0.9878	-0.9936	-0.9999
-0.9895	-0.9948	-0.9999

Table 467: Table continues below

fBodyAccMag.iqr..	fBodyAccMag.entropy..	fBodyAccMag.maxInds
-0.9733	-0.6464	-0.7931
-0.9845	-0.8167	-1
-0.9892	-0.907	-0.8621
-0.9832	-0.907	-1
-0.9973	-0.907	-1
-0.9922	-1	-1

Table 468: Table continues below

fBodyAccMag.meanFreq..	fBodyAccMag.skewness..
-0.08844	-0.4365
-0.04415	-0.122
0.2579	-0.6187
0.07358	-0.4684
0.3943	-0.1127
0.438	-0.5946

Table 469: Table continues below

fBodyAccMag.kurtosis..	fBodyBodyAccJerkMag.mean..
-0.7968	-0.9937
-0.4495	-0.9903
-0.8797	-0.9893
-0.7565	-0.9928
-0.4818	-0.9955
-0.8092	-0.9947

Table 470: Table continues below

fBodyBodyAccJerkMag.std..	fBodyBodyAccJerkMag.mad..
-0.9938	-0.992
-0.992	-0.9897
-0.9909	-0.9873
-0.9917	-0.9891
-0.9944	-0.9933

fBodyBodyAccJerkMag.std..	fBodyBodyAccJerkMag.mad..
-0.9952	-0.9943

Table 471: Table continues below

fBodyBodyAccJerkMag.max..	fBodyBodyAccJerkMag.min..
-0.9934	-0.9882
-0.9945	-0.9895
-0.9932	-0.9999
-0.9945	-0.9956
-0.9955	-0.9822
-0.9945	-0.983

Table 472: Table continues below

fBodyBodyAccJerkMag.sma..	fBodyBodyAccJerkMag.energy..
-0.9937	-0.9999
-0.9903	-0.9999
-0.9893	-0.9998
-0.9928	-0.9999
-0.9955	-0.9999
-0.9947	-0.9999

Table 473: Table continues below

fBodyBodyAccJerkMag.iqr..	fBodyBodyAccJerkMag.entropy..
-0.9914	-1
-0.9911	-1
-0.9867	-1
-0.9881	-1
-0.9942	-1
-0.9967	-1

Table 474: Table continues below

fBodyBodyAccJerkMag.maxInds	fBodyBodyAccJerkMag.meanFreq..
-0.9365	0.347
-0.8413	0.5321
-0.9048	0.6608
1	0.6789
-1	0.5591
-1	0.2469

Table 475: Table continues below

fBodyBodyAccJerkMag.skewness..	fBodyBodyAccJerkMag.kurtosis..
-0.5161	-0.8028
-0.6249	-0.9002
-0.7247	-0.9285
-0.7011	-0.9096
-0.5289	-0.8589
-0.5209	-0.8025

Table 476: Table continues below

fBodyBodyGyroMag.mean..	fBodyBodyGyroMag.std..
-0.9801	-0.9613
-0.9883	-0.9833
-0.9893	-0.986
-0.9894	-0.9878
-0.9914	-0.9891
-0.9905	-0.9859

Table 477: Table continues below

fBodyBodyGyroMag.mad..	fBodyBodyGyroMag.max..
-0.9737	-0.9523
-0.9827	-0.9863
-0.9843	-0.991
-0.9868	-0.9867
-0.9877	-0.9915
-0.9855	-0.9882

Table 478: Table continues below

fBodyBodyGyroMag.min..	fBodyBodyGyroMag.sma..
-0.9895	-0.9801
-0.9918	-0.9883
-0.9957	-0.9893
-0.9962	-0.9894
-0.9984	-0.9914
-0.9948	-0.9905

Table 479: Table continues below

fBodyBodyGyroMag.energy..	fBodyBodyGyroMag.iqr..
-0.9992	-0.9927
-0.9998	-0.994
-0.9999	-0.9932
-0.9999	-0.9891
-0.9999	-0.9893

fBodyBodyGyroMag.energy..	fBodyBodyGyroMag.iqr..
-0.9999	-0.992

Table 480: Table continues below

fBodyBodyGyroMag.entropy..	fBodyBodyGyroMag.maxInds
-0.7013	-1
-0.7207	-0.9487
-0.7365	-0.7949
-0.7209	-1
-0.7634	-0.8974
-0.7686	-1

Table 481: Table continues below

fBodyBodyGyroMag.meanFreq..	fBodyBodyGyroMag.skewness..
-0.129	0.5862
-0.272	-0.3363
-0.2127	-0.5354
-0.03568	-0.2301
-0.2736	-0.5103
-0.2973	-0.346

Table 482: Table continues below

fBodyBodyGyroMag.kurtosis..	fBodyBodyGyroJerkMag.mean..
0.3746	-0.992
-0.72	-0.9959
-0.8719	-0.995
-0.5112	-0.9952
-0.8307	-0.9951
-0.7273	-0.9951

Table 483: Table continues below

fBodyBodyGyroJerkMag.std..	fBodyBodyGyroJerkMag.mad..
-0.9907	-0.9899
-0.9964	-0.9954
-0.9951	-0.9946
-0.9952	-0.9957
-0.9955	-0.9953
-0.9952	-0.9944

Table 484: Table continues below

fBodyBodyGyroJerkMag.max..	fBodyBodyGyroJerkMag.min..
-0.9924	-0.991
-0.9969	-0.9944
-0.9961	-0.9959
-0.9953	-0.9957
-0.9956	-0.9974
-0.9961	-0.9985

Table 485: Table continues below

fBodyBodyGyroJerkMag.sma..	fBodyBodyGyroJerkMag.energy..
-0.992	-0.9999
-0.9959	-1
-0.995	-1
-0.9952	-1
-0.9951	-1
-0.9951	-1

Table 486: Table continues below

fBodyBodyGyroJerkMag.iqr..	fBodyBodyGyroJerkMag.entropy..
-0.9905	-0.8713
-0.9945	-1
-0.9938	-1
-0.9952	-0.9557
-0.9955	-1
-0.9945	-1

Table 487: Table continues below

fBodyBodyGyroJerkMag.maxInds	fBodyBodyGyroJerkMag.meanFreq..
-1	-0.07432
-1	0.1581
-0.5556	0.4145
-0.9365	0.4046
-0.9365	0.08775
-1	0.01995

Table 488: Table continues below

fBodyBodyGyroJerkMag.skewness..	fBodyBodyGyroJerkMag.kurtosis..
-0.2987	-0.7103
-0.5951	-0.8615
-0.3907	-0.7601
-0.1173	-0.4828
-0.3515	-0.6992

fBodyBodyGyroJerkMag.skewness..	fBodyBodyGyroJerkMag.kurtosis..
-0.5454	-0.8446

Table 489: Table continues below

angle.tBodyAccMean.gravity.	angle.tBodyAccJerkMean..gravityMean.
-0.1128	0.0304
0.05348	-0.007435
-0.1186	0.1779
-0.03679	-0.01289
0.1233	0.1225
0.08263	-0.1434

Table 490: Table continues below

angle.tBodyGyroMean.gravityMean.	angle.tBodyGyroJerkMean.gravityMean.
-0.4648	-0.01845
-0.7326	0.7035
0.1007	0.8085
0.64	-0.4854
0.6936	-0.616
0.275	-0.3682

angle.X.gravityMean.	angle.Y.gravityMean.	angle.Z.gravityMean.
-0.8412	0.1799	-0.05863
-0.8448	0.1803	-0.05432
-0.8489	0.1806	-0.04912
-0.8486	0.1819	-0.04766
-0.8479	0.1852	-0.04389
-0.8496	0.1848	-0.04213

b. Extract/remove columns containing mean and standard deviation for each variable

```
smartphoneDatasetReduced <- smartphoneDataset %>% select( -matches("mean|std"))
str(smartphoneDatasetReduced)
```

```
## 'data.frame': 10299 obs. of 478 variables:
## $ subject : int 1 1 1 1 1 1 1 1 1 1 ...
## $ ActivityLabel : int 5 5 5 5 5 5 5 5 5 5 ...
## $ ActivityName : Factor w/ 6 levels "LAYING","SITTING",...: 3 3 3 3 3 3 3 3 3 3 ...
## $ tBodyAcc.mad...X : num -0.995 -0.999 -0.997 -0.997 -0.998 ...
## $ tBodyAcc.mad...Y : num -0.983 -0.975 -0.964 -0.983 -0.98 ...
## $ tBodyAcc.mad...Z : num -0.924 -0.958 -0.977 -0.989 -0.99 ...
```

## \$ tBodyAcc.max...X	: num	-0.935	-0.943	-0.939	-0.939	-0.942	...
## \$ tBodyAcc.max...Y	: num	-0.567	-0.558	-0.558	-0.576	-0.569	...
## \$ tBodyAcc.max...Z	: num	-0.744	-0.818	-0.818	-0.83	-0.825	...
## \$ tBodyAcc.min...X	: num	0.853	0.849	0.844	0.844	0.849	...
## \$ tBodyAcc.min...Y	: num	0.686	0.686	0.682	0.682	0.683	...
## \$ tBodyAcc.min...Z	: num	0.814	0.823	0.839	0.838	0.838	...
## \$ tBodyAcc.sma..	: num	-0.966	-0.982	-0.983	-0.986	-0.993	...
## \$ tBodyAcc.energy...X	: num	-1	-1	-1	-1	-1	...
## \$ tBodyAcc.energy...Y	: num	-1	-1	-1	-1	-1	...
## \$ tBodyAcc.energy...Z	: num	-0.995	-0.998	-0.999	-1	-1	...
## \$ tBodyAcc.iqr...X	: num	-0.994	-0.999	-0.997	-0.997	-0.998	...
## \$ tBodyAcc.iqr...Y	: num	-0.988	-0.978	-0.965	-0.984	-0.981	...
## \$ tBodyAcc.iqr...Z	: num	-0.943	-0.948	-0.975	-0.986	-0.991	...
## \$ tBodyAcc.entropy...X	: num	-0.408	-0.715	-0.592	-0.627	-0.787	...
## \$ tBodyAcc.entropy...Y	: num	-0.679	-0.501	-0.486	-0.851	-0.559	...
## \$ tBodyAcc.entropy...Z	: num	-0.602	-0.571	-0.571	-0.912	-0.761	...
## \$ tBodyAcc.arCoeff...X.1	: num	0.9293	0.6116	0.273	0.0614	0.3133	...
## \$ tBodyAcc.arCoeff...X.2	: num	-0.853	-0.3295	-0.0863	0.0748	-0.1312	...
## \$ tBodyAcc.arCoeff...X.3	: num	0.36	0.284	0.337	0.198	0.191	...
## \$ tBodyAcc.arCoeff...X.4	: num	-0.0585	0.2846	-0.1647	-0.2643	0.0869	...
## \$ tBodyAcc.arCoeff...Y.1	: num	0.2569	0.1157	0.0172	0.0725	0.2576	...
## \$ tBodyAcc.arCoeff...Y.2	: num	-0.2248	-0.091	-0.0745	-0.1553	-0.2725	...
## \$ tBodyAcc.arCoeff...Y.3	: num	0.264	0.294	0.342	0.323	0.435	...
## \$ tBodyAcc.arCoeff...Y.4	: num	-0.0952	-0.2812	-0.3326	-0.1708	-0.3154	...
## \$ tBodyAcc.arCoeff...Z.1	: num	0.279	0.086	0.239	0.295	0.44	...
## \$ tBodyAcc.arCoeff...Z.2	: num	-0.4651	-0.0222	-0.1362	-0.3061	-0.2691	...
## \$ tBodyAcc.arCoeff...Z.3	: num	0.4919	-0.0167	0.1739	0.4821	0.1794	...
## \$ tBodyAcc.arCoeff...Z.4	: num	-0.191	-0.221	-0.299	-0.47	-0.089	...
## \$ tBodyAcc.correlation...X.Y	: num	0.3763	-0.0134	-0.1247	-0.3057	-0.1558	...
## \$ tBodyAcc.correlation...X.Z	: num	0.4351	-0.0727	-0.1811	-0.3627	-0.1898	...
## \$ tBodyAcc.correlation...Y.Z	: num	0.661	0.579	0.609	0.507	0.599	...
## \$ tGravityAcc.mad...X	: num	-0.985	-0.998	-1	-0.996	-0.998	...
## \$ tGravityAcc.mad...Y	: num	-0.984	-0.99	-0.993	-0.981	-0.989	...
## \$ tGravityAcc.mad...Z	: num	-0.895	-0.933	-0.993	-0.978	-0.979	...
## \$ tGravityAcc.max...X	: num	0.892	0.892	0.892	0.894	0.894	...
## \$ tGravityAcc.max...Y	: num	-0.161	-0.161	-0.164	-0.164	-0.167	...
## \$ tGravityAcc.max...Z	: num	0.1247	0.1226	0.0946	0.0934	0.0917	...
## \$ tGravityAcc.min...X	: num	0.977	0.985	0.987	0.987	0.987	...
## \$ tGravityAcc.min...Y	: num	-0.123	-0.115	-0.115	-0.121	-0.122	...
## \$ tGravityAcc.min...Z	: num	0.0565	0.1028	0.1028	0.0958	0.0941	...
## \$ tGravityAcc.sma..	: num	-0.375	-0.383	-0.402	-0.4	-0.4	...
## \$ tGravityAcc.energy...X	: num	0.899	0.908	0.909	0.911	0.912	...
## \$ tGravityAcc.energy...Y	: num	-0.971	-0.971	-0.97	-0.969	-0.967	...
## \$ tGravityAcc.energy...Z	: num	-0.976	-0.979	-0.982	-0.982	-0.984	...
## \$ tGravityAcc.iqr...X	: num	-0.984	-0.999	-1	-0.996	-0.998	...
## \$ tGravityAcc.iqr...Y	: num	-0.989	-0.99	-0.992	-0.981	-0.991	...
## \$ tGravityAcc.iqr...Z	: num	-0.918	-0.942	-0.993	-0.98	-0.98	...
## \$ tGravityAcc.entropy...X	: num	-1	-1	-1	-1	-1	...
## \$ tGravityAcc.entropy...Y	: num	-1	-1	-1	-1	-1	...
## \$ tGravityAcc.entropy...Z	: num	0.114	-0.21	-0.927	-0.596	-0.617	...
## \$ tGravityAcc.arCoeff...X.1	: num	-0.59042	-0.41006	0.00223	-0.06493	-0.25727	...
## \$ tGravityAcc.arCoeff...X.2	: num	0.5911	0.4139	0.0275	0.0754	0.2689	...
## \$ tGravityAcc.arCoeff...X.3	: num	-0.5918	-0.4176	-0.0567	-0.0858	-0.2807	...
## \$ tGravityAcc.arCoeff...X.4	: num	0.5925	0.4213	0.0855	0.0962	0.2926	...

```
## $ tGravityAcc.arCoeff...Y.1      : num  -0.745 -0.196 -0.329 -0.295 -0.167 ...
## $ tGravityAcc.arCoeff...Y.2      : num   0.7209 0.1253 0.2705 0.2283 0.0899 ...
## $ tGravityAcc.arCoeff...Y.3      : num  -0.7124 -0.1056 -0.2545 -0.2063 -0.0663 ...
## $ tGravityAcc.arCoeff...Y.4      : num   0.7113 0.1091 0.2576 0.2048 0.0671 ...
## $ tGravityAcc.arCoeff...Z.1      : num  -0.995 -0.834 -0.705 -0.385 -0.237 ...
## $ tGravityAcc.arCoeff...Z.2      : num   0.996 0.834 0.714 0.386 0.239 ...
## $ tGravityAcc.arCoeff...Z.3      : num  -0.996 -0.834 -0.723 -0.387 -0.241 ...
## $ tGravityAcc.arCoeff...Z.4      : num   0.992 0.83 0.729 0.385 0.241 ...
## $ tGravityAcc.correlation...X.Y   : num   0.57 -0.831 -0.181 -0.991 -0.408 ...
## $ tGravityAcc.correlation...X.Z   : num   0.439 -0.866 0.338 -0.969 -0.185 ...
## $ tGravityAcc.correlation...Y.Z   : num   0.987 0.974 0.643 0.984 0.965 ...
## $ tBodyAccJerk.mad...X            : num  -0.994 -0.996 -0.991 -0.994 -0.997 ...
## $ tBodyAccJerk.mad...Y            : num  -0.986 -0.979 -0.979 -0.986 -0.987 ...
## $ tBodyAccJerk.mad...Z            : num  -0.993 -0.991 -0.987 -0.991 -0.991 ...
## $ tBodyAccJerk.max...X            : num  -0.985 -0.995 -0.987 -0.987 -0.997 ...
## $ tBodyAccJerk.max...Y            : num  -0.992 -0.979 -0.979 -0.992 -0.992 ...
## $ tBodyAccJerk.max...Z            : num  -0.993 -0.992 -0.992 -0.99 -0.99 ...
## $ tBodyAccJerk.min...X            : num   0.99 0.993 0.988 0.988 0.994 ...
## $ tBodyAccJerk.min...Y            : num   0.992 0.992 0.992 0.993 0.993 ...
## $ tBodyAccJerk.min...Z            : num   0.991 0.989 0.989 0.993 0.986 ...
## $ tBodyAccJerk.sma..              : num  -0.994 -0.991 -0.988 -0.993 -0.994 ...
## $ tBodyAccJerk.energy...X         : num  -1 -1 -1 -1 -1 ...
## $ tBodyAccJerk.energy...Y         : num  -1 -1 -1 -1 -1 ...
## $ tBodyAccJerk.energy...Z         : num  -1 -1 -1 -1 -1 ...
## $ tBodyAccJerk.iqr...X            : num  -0.994 -0.994 -0.988 -0.995 -0.996 ...
## $ tBodyAccJerk.iqr...Y            : num  -0.986 -0.979 -0.98 -0.987 -0.987 ...
## $ tBodyAccJerk.iqr...Z            : num  -0.989 -0.993 -0.982 -0.989 -0.991 ...
## $ tBodyAccJerk.entropy...X        : num  -0.82 -0.875 -0.754 -0.821 -0.851 ...
## $ tBodyAccJerk.entropy...Y        : num  -0.793 -0.655 -0.673 -0.755 -0.746 ...
## $ tBodyAccJerk.entropy...Z        : num  -0.889 -0.767 -0.747 -0.825 -0.797 ...
## $ tBodyAccJerk.arCoeff...X.1      : num   1 0.49 0.265 0.123 0.241 ...
## $ tBodyAccJerk.arCoeff...X.2      : num  -0.221 0.071 0.188 0.276 0.135 ...
## $ tBodyAccJerk.arCoeff...X.3      : num   0.637 0.363 0.465 0.457 0.297 ...
## $ tBodyAccJerk.arCoeff...X.4      : num   0.388 0.527 0.372 0.193 0.287 ...
## $ tBodyAccJerk.arCoeff...Y.1      : num   0.2414 0.1494 0.0827 0.1024 0.319 ...
## $ tBodyAccJerk.arCoeff...Y.2      : num  -0.05225 0.06293 -0.00462 -0.0991 -0.14336 ...
## $ tBodyAccJerk.arCoeff...Y.3      : num   0.264 0.37 0.327 0.195 0.477 ...
## $ tBodyAccJerk.arCoeff...Y.4      : num   0.373 0.414 0.438 0.484 0.418 ...
## $ tBodyAccJerk.arCoeff...Z.1      : num   0.342 0.122 0.258 0.358 0.39 ...
## [list output truncated]
```

```
pander(head(smartphoneDatasetReduced), split.table = 80, style = 'rmarkdown')
```

Table 492: Table continues below

subject	ActivityLabel	ActivityName	tBodyAcc.mad...X
1	5	STANDING	-0.9951
1	5	STANDING	-0.9988
1	5	STANDING	-0.9965
1	5	STANDING	-0.9971
1	5	STANDING	-0.9983
1	5	STANDING	-0.9976

Table 493: Table continues below

tBodyAcc.mad... Y	tBodyAcc.mad... Z	tBodyAcc.max... X
-0.9832	-0.9235	-0.9347
-0.9749	-0.9577	-0.9431
-0.9637	-0.9775	-0.9387
-0.9827	-0.9893	-0.9387
-0.9797	-0.9904	-0.9425
-0.9902	-0.9955	-0.9425

Table 494: Table continues below

tBodyAcc.max... Y	tBodyAcc.max... Z	tBodyAcc.min... X
-0.5674	-0.7444	0.8529
-0.5579	-0.8184	0.8493
-0.5579	-0.8184	0.8436
-0.5762	-0.8297	0.8436
-0.5692	-0.8247	0.8491
-0.5657	-0.8228	0.8491

Table 495: Table continues below

tBodyAcc.min... Y	tBodyAcc.min... Z	tBodyAcc.sma..
0.6858	0.8143	-0.9655
0.6858	0.8226	-0.9819
0.6824	0.8393	-0.9835
0.6824	0.8379	-0.9861
0.6832	0.8379	-0.9927
0.6956	0.8459	-0.9939

Table 496: Table continues below

tBodyAcc.energy... X	tBodyAcc.energy... Y	tBodyAcc.energy... Z
-0.9999	-0.9999	-0.9946
-1	-0.9998	-0.9984
-1	-0.9997	-0.9995
-1	-0.9997	-0.9995
-1	-0.9999	-0.9998
-1	-0.9999	-0.9999

Table 497: Table continues below

tBodyAcc.iqr... X	tBodyAcc.iqr... Y	tBodyAcc.iqr... Z
-0.9942	-0.9876	-0.9432
-0.9992	-0.9779	-0.9482
-0.9971	-0.9648	-0.9747
-0.9972	-0.9838	-0.986
-0.998	-0.9812	-0.9913

tBodyAcc.iqr... X	tBodyAcc.iqr... Y	tBodyAcc.iqr... Z
-0.9976	-0.9918	-0.9954

Table 498: Table continues below

tBodyAcc.entropy... X	tBodyAcc.entropy... Y	tBodyAcc.entropy... Z
-0.4077	-0.6793	-0.6021
-0.7149	-0.5009	-0.571
-0.5922	-0.4858	-0.571
-0.6274	-0.8509	-0.9119
-0.7866	-0.5595	-0.7614
-0.7519	-0.4548	-0.5509

Table 499: Table continues below

tBodyAcc.arCoeff... X.1	tBodyAcc.arCoeff... X.2
0.9293	-0.853
0.6116	-0.3295
0.273	-0.08631
0.06144	0.07484
0.3133	-0.1312
0.3901	-0.1823

Table 500: Table continues below

tBodyAcc.arCoeff... X.3	tBodyAcc.arCoeff... X.4
0.3599	-0.05853
0.2842	0.2846
0.3372	-0.1647
0.1982	-0.2643
0.1912	0.0869
0.1588	0.1873

Table 501: Table continues below

tBodyAcc.arCoeff... Y.1	tBodyAcc.arCoeff... Y.2
0.2569	-0.2248
0.1157	-0.09096
0.01715	-0.07451
0.07255	-0.1553
0.2576	-0.2725
0.26	-0.2432

Table 502: Table continues below

tBodyAcc.arCoeff. . . Y.3	tBodyAcc.arCoeff. . . Y.4
0.2641	-0.09525
0.2943	-0.2812
0.3423	-0.3326
0.3232	-0.1708
0.4347	-0.3154
0.4217	-0.4185

Table 503: Table continues below

tBodyAcc.arCoeff. . . Z.1	tBodyAcc.arCoeff. . . Z.2
0.2789	-0.4651
0.08599	-0.02215
0.2393	-0.1362
0.2949	-0.3061
0.4397	-0.2691
0.5585	-0.2183

Table 504: Table continues below

tBodyAcc.arCoeff. . . Z.3	tBodyAcc.arCoeff. . . Z.4
0.4919	-0.1909
-0.01666	-0.2206
0.1739	-0.2995
0.4821	-0.4701
0.1794	-0.08895
0.1651	0.08092

Table 505: Table continues below

tBodyAcc.correlation. . . X.Y	tBodyAcc.correlation. . . X.Z
0.3763	0.4351
-0.01343	-0.07269
-0.1247	-0.1811
-0.3057	-0.3627
-0.1558	-0.1898
-0.21	-0.1511

Table 506: Table continues below

tBodyAcc.correlation. . . Y.Z	tGravityAcc.mad. . . X
0.6608	-0.985
0.5794	-0.9979
0.6089	-0.9996
0.5075	-0.9965
0.5992	-0.9984

tBodyAcc.correlation... Y.Z	tGravityAcc.mad... X
0.1804	-0.9991

Table 507: Table continues below

tGravityAcc.mad... Y	tGravityAcc.mad... Z	tGravityAcc.max... X
-0.9844	-0.8947	0.8921
-0.9896	-0.9332	0.8921
-0.9926	-0.9929	0.8924
-0.981	-0.9785	0.8938
-0.9887	-0.9789	0.8938
-0.9866	-0.9974	0.8937

Table 508: Table continues below

tGravityAcc.max... Y	tGravityAcc.max... Z	tGravityAcc.min... X
-0.1613	0.1247	0.9774
-0.1613	0.1226	0.9845
-0.1637	0.09457	0.9868
-0.1637	0.09342	0.9868
-0.1668	0.09168	0.9874
-0.167	0.08335	0.9877

Table 509: Table continues below

tGravityAcc.min... Y	tGravityAcc.min... Z	tGravityAcc.sma..
-0.1232	0.05648	-0.3754
-0.1149	0.1028	-0.3834
-0.1149	0.1028	-0.4016
-0.1213	0.09575	-0.4003
-0.1218	0.09406	-0.4005
-0.1218	0.09406	-0.4094

Table 510: Table continues below

tGravityAcc.energy... X	tGravityAcc.energy... Y
0.8995	-0.9709
0.9078	-0.9706
0.9087	-0.9704
0.9106	-0.9694
0.9122	-0.9671
0.9115	-0.9673

Table 511: Table continues below

tGravityAcc.energy...Z	tGravityAcc.iqr...X	tGravityAcc.iqr...Y
-0.9755	-0.9843	-0.9888
-0.9785	-0.9992	-0.99
-0.9817	-0.9997	-0.9921
-0.9824	-0.996	-0.9807
-0.9844	-0.9983	-0.9906
-0.9853	-0.9993	-0.9866

Table 512: Table continues below

tGravityAcc.iqr...Z	tGravityAcc.entropy...X
-0.9177	-1
-0.9417	-1
-0.9926	-1
-0.9798	-1
-0.9804	-1
-0.9977	-1

Table 513: Table continues below

tGravityAcc.entropy...Y	tGravityAcc.entropy...Z
-1	0.1138
-1	-0.2105
-1	-0.9268
-1	-0.5961
-1	-0.6166
-1	-1

Table 514: Table continues below

tGravityAcc.arCoeff...X.1	tGravityAcc.arCoeff...X.2
-0.5904	0.5911
-0.4101	0.4139
0.002234	0.02748
-0.06493	0.07543
-0.2573	0.2689
-0.3022	0.379

Table 515: Table continues below

tGravityAcc.arCoeff...X.3	tGravityAcc.arCoeff...X.4
-0.5918	0.5925
-0.4176	0.4213
-0.05673	0.08553
-0.08582	0.09621
-0.2807	0.2926

tGravityAcc.arCoeff. . . X.3	tGravityAcc.arCoeff. . . X.4
-0.4572	0.5368

Table 516: Table continues below

tGravityAcc.arCoeff. . . Y.1	tGravityAcc.arCoeff. . . Y.2
-0.7454	0.7209
-0.1964	0.1253
-0.329	0.2705
-0.295	0.2283
-0.1667	0.08994
-0.1981	0.1272

Table 517: Table continues below

tGravityAcc.arCoeff. . . Y.3	tGravityAcc.arCoeff. . . Y.4
-0.7124	0.7113
-0.1056	0.1091
-0.2545	0.2576
-0.2063	0.2048
-0.06633	0.06713
-0.1076	0.1114

Table 518: Table continues below

tGravityAcc.arCoeff. . . Z.1	tGravityAcc.arCoeff. . . Z.2
-0.9951	0.9957
-0.8339	0.8343
-0.705	0.7144
-0.3854	0.3864
-0.2375	0.2393
-0.1579	0.1754

Table 519: Table continues below

tGravityAcc.arCoeff. . . Z.3	tGravityAcc.arCoeff. . . Z.4
-0.9957	0.9917
-0.8342	0.8305
-0.7233	0.7288
-0.3871	0.3853
-0.241	0.2406
-0.1928	0.208

Table 520: Table continues below

tGravityAcc.correlation. . . X.Y	tGravityAcc.correlation. . . X.Z
0.5702	0.439
-0.8313	-0.8657
-0.1811	0.3379
-0.9913	-0.9688
-0.4083	-0.1848
-0.564	0.4665

Table 521: Table continues below

tGravityAcc.correlation. . . Y.Z	tBodyAccJerk.mad. . . X
0.9869	-0.9945
0.9744	-0.9956
0.6434	-0.9909
0.9843	-0.9943
0.9648	-0.9966
0.4431	-0.9952

Table 522: Table continues below

tBodyAccJerk.mad. . . Y	tBodyAccJerk.mad. . . Z	tBodyAccJerk.max. . . X
-0.9862	-0.9928	-0.9852
-0.9789	-0.9913	-0.9945
-0.9793	-0.9872	-0.9871
-0.9857	-0.9915	-0.9871
-0.9865	-0.9907	-0.997
-0.9868	-0.9911	-0.9941

Table 523: Table continues below

tBodyAccJerk.max. . . Y	tBodyAccJerk.max. . . Z	tBodyAccJerk.min. . . X
-0.992	-0.9931	0.9898
-0.9791	-0.9923	0.9926
-0.9791	-0.9923	0.9884
-0.9918	-0.9898	0.9884
-0.9918	-0.9898	0.9943
-0.9918	-0.9926	0.9943

Table 524: Table continues below

tBodyAccJerk.min. . . Y	tBodyAccJerk.min. . . Z	tBodyAccJerk.sma..
0.992	0.9905	-0.9935
0.9918	0.9885	-0.9914
0.9918	0.9885	-0.9881
0.9925	0.9932	-0.9929
0.9925	0.9856	-0.9938

tBodyAccJerk.min...Y	tBodyAccJerk.min...Z	tBodyAccJerk.sma..
0.9933	0.9856	-0.9935

Table 525: Table continues below

tBodyAccJerk.energy...X	tBodyAccJerk.energy...Y
-0.9999	-0.9998
-1	-0.9996
-0.9999	-0.9996
-0.9999	-0.9998
-1	-0.9998
-1	-0.9998

Table 526: Table continues below

tBodyAccJerk.energy...Z	tBodyAccJerk.iqr...X	tBodyAccJerk.iqr...Y
-0.9999	-0.9944	-0.986
-0.9998	-0.9939	-0.9794
-0.9998	-0.9878	-0.9801
-0.9999	-0.9947	-0.987
-0.9999	-0.9959	-0.9865
-0.9999	-0.9953	-0.9874

Table 527: Table continues below

tBodyAccJerk.iqr...Z	tBodyAccJerk.entropy...X
-0.9892	-0.8199
-0.9934	-0.8751
-0.9819	-0.7536
-0.9889	-0.8208
-0.9906	-0.8507
-0.9896	-0.7787

Table 528: Table continues below

tBodyAccJerk.entropy...Y	tBodyAccJerk.entropy...Z
-0.793	-0.8889
-0.6554	-0.7674
-0.6733	-0.7471
-0.755	-0.8253
-0.7463	-0.797
-0.755	-0.7909

Table 529: Table continues below

tBodyAccJerk.arCoeff. . . X.1	tBodyAccJerk.arCoeff. . . X.2
1	-0.2207
0.4897	0.071
0.2652	0.1884
0.1229	0.2764
0.2409	0.1349
0.2807	0.1004

Table 530: Table continues below

tBodyAccJerk.arCoeff. . . X.3	tBodyAccJerk.arCoeff. . . X.4
0.6368	0.3876
0.3627	0.5273
0.4646	0.3717
0.4574	0.1934
0.2969	0.2872
0.2597	0.2019

Table 531: Table continues below

tBodyAccJerk.arCoeff. . . Y.1	tBodyAccJerk.arCoeff. . . Y.2
0.2414	-0.05225
0.1494	0.06293
0.08266	-0.004622
0.1024	-0.0991
0.319	-0.1434
0.3506	-0.07727

Table 532: Table continues below

tBodyAccJerk.arCoeff. . . Y.3	tBodyAccJerk.arCoeff. . . Y.4
0.2642	0.3734
0.3705	0.4135
0.3275	0.4376
0.1947	0.4842
0.4775	0.418
0.5627	0.352

Table 533: Table continues below

tBodyAccJerk.arCoeff. . . Z.1	tBodyAccJerk.arCoeff. . . Z.2
0.3418	-0.5698
0.1222	0.1806
0.2579	0.07003
0.3577	-0.187
0.3895	-0.03031

tBodyAccJerk.arCoeff. . . Z.1	tBodyAccJerk.arCoeff. . . Z.2
0.3687	0.04339

Table 534: Table continues below

tBodyAccJerk.arCoeff. . . Z.3	tBodyAccJerk.arCoeff. . . Z.4
0.2654	-0.4779
0.04742	0.1666
0.187	0.2468
0.2981	0.4519
0.1633	0.1802
0.1473	0.2992

Table 535: Table continues below

tBodyAccJerk.correlation. . . X.Y	tBodyAccJerk.correlation. . . X.Z
-0.3853	0.03364
-0.2088	0.0841
-0.1201	-0.11
-0.1275	-0.08328
-0.2729	0.1031
-0.3746	0.04183

Table 536: Table continues below

tBodyAccJerk.correlation. . . Y.Z	tBodyGyro.mad. . . X
-0.1265	-0.9846
-0.2686	-0.9869
-0.03995	-0.9749
0.4571	-0.9916
0.06473	-0.9869
-0.1118	-0.9858

Table 537: Table continues below

tBodyGyro.mad. . . Y	tBodyGyro.mad. . . Z	tBodyGyro.max. . . X
-0.9764	-0.9924	-0.867
-0.989	-0.9892	-0.8649
-0.9941	-0.9858	-0.8649
-0.9931	-0.9896	-0.8853
-0.9925	-0.9882	-0.8702
-0.9923	-0.9827	-0.8702

Table 538: Table continues below

tBodyGyro.max... Y	tBodyGyro.max... Z	tBodyGyro.min... X
-0.9338	-0.7476	0.8473
-0.9536	-0.7459	0.8337
-0.959	-0.7433	0.8337
-0.9567	-0.7433	0.8342
-0.9534	-0.7498	0.8391
-0.9534	-0.7464	0.8398

Table 539: Table continues below

tBodyGyro.min... Y	tBodyGyro.min... Z	tBodyGyro.sma..
0.9149	0.8308	-0.9672
0.9081	0.8289	-0.9806
0.9058	0.8289	-0.9763
0.9058	0.8266	-0.9823
0.9112	0.8214	-0.9853
0.9112	0.8188	-0.9852

Table 540: Table continues below

tBodyGyro.energy... X	tBodyGyro.energy... Y	tBodyGyro.energy... Z
-0.9996	-0.9994	-0.9998
-0.9998	-0.9999	-0.9998
-0.9997	-0.9998	-0.9998
-0.9998	-0.9999	-0.9999
-0.9998	-1	-0.9998
-0.9999	-0.9999	-0.9998

Table 541: Table continues below

tBodyGyro.iqr... X	tBodyGyro.iqr... Y	tBodyGyro.iqr... Z
-0.9834	-0.9786	-0.993
-0.9928	-0.9893	-0.9902
-0.9724	-0.9951	-0.9868
-0.991	-0.9942	-0.9946
-0.9898	-0.9933	-0.9912
-0.9853	-0.993	-0.9837

Table 542: Table continues below

tBodyGyro.entropy... X	tBodyGyro.entropy... Y	tBodyGyro.entropy... Z
0.08263	0.2023	-0.1688
0.007469	-0.5312	-0.1774
-0.2609	-1	-0.2484
-0.9306	-0.8266	-0.5434
-0.6289	-0.4678	-0.6509

tBodyGyro.entropy...X	tBodyGyro.entropy...Y	tBodyGyro.entropy...Z
-0.3638	-0.3705	-0.4621

Table 543: Table continues below

tBodyGyro.arCoeff...X.1	tBodyGyro.arCoeff...X.2
0.09632	-0.275
-0.3877	0.1791
-0.4372	0.239
-0.1659	-0.01288
-0.2127	0.002111
-0.4028	0.242

Table 544: Table continues below

tBodyGyro.arCoeff...X.3	tBodyGyro.arCoeff...X.4
0.4986	-0.2203
0.2108	-0.1403
0.1452	-0.1139
0.3201	-0.1651
0.3881	-0.2333
0.05914	0.03028

Table 545: Table continues below

tBodyGyro.arCoeff...Y.1	tBodyGyro.arCoeff...Y.2
1	-0.973
-0.04703	-0.06495
0.03231	-0.1279
0.04455	-0.1252
-0.1632	0.1865
-0.1197	0.1506

Table 546: Table continues below

tBodyGyro.arCoeff...Y.3	tBodyGyro.arCoeff...Y.4
0.3167	0.3757
0.1177	0.08169
0.1149	0.1254
0.07832	0.177
-0.4349	0.6501
-0.3809	0.5733

Table 547: Table continues below

tBodyGyro.arCoeff. . . Z.1	tBodyGyro.arCoeff. . . Z.2
0.7234	-0.7711
0.04236	-0.1499
0.1121	-0.1656
0.1934	-0.2072
0.24	-0.3395
0.1038	-0.2277

Table 548: Table continues below

tBodyGyro.arCoeff. . . Z.3	tBodyGyro.arCoeff. . . Z.4
0.6902	-0.3318
0.2926	-0.1494
0.1346	0.1843
0.1125	0.2021
0.1325	0.4733
0.1382	0.3462

Table 549: Table continues below

tBodyGyro.correlation. . . X.Y	tBodyGyro.correlation. . . X.Z
0.7096	0.1349
0.04672	-0.2569
-0.01013	0.04331
0.2102	0.1411
-0.142	0.4844
-0.4481	0.645

Table 550: Table continues below

tBodyGyro.correlation. . . Y.Z	tBodyGyroJerk.mad. . . X
0.3011	-0.9922
0.1694	-0.9899
-0.3506	-0.9879
-0.7253	-0.9912
-0.7246	-0.9929
-0.746	-0.993

Table 551: Table continues below

tBodyGyroJerk.mad. . . Y	tBodyGyroJerk.mad. . . Z	tBodyGyroJerk.max. . . X
-0.9949	-0.9926	-0.9902
-0.9975	-0.9938	-0.9919
-0.9957	-0.9916	-0.9934
-0.997	-0.994	-0.9937
-0.9965	-0.9944	-0.9798

tBodyGyroJerk.mad. . . Y	tBodyGyroJerk.mad. . . Z	tBodyGyroJerk.max. . . X
-0.996	-0.9926	-0.9798

Table 552: Table continues below

tBodyGyroJerk.max. . . Y	tBodyGyroJerk.max. . . Z	tBodyGyroJerk.min. . . X
-0.9867	-0.992	0.9944
-0.9977	-0.9949	0.9905
-0.9938	-0.989	0.9893
-0.9938	-0.989	0.9893
-0.9975	-0.9934	0.9937
-0.9975	-0.9934	0.9938

Table 553: Table continues below

tBodyGyroJerk.min. . . Y	tBodyGyroJerk.min. . . Z	tBodyGyroJerk.sma..
0.9918	0.9894	-0.9945
0.9971	0.9945	-0.9953
0.9971	0.9941	-0.9934
0.9981	0.9941	-0.9955
0.9975	0.9965	-0.9959
0.9975	0.9965	-0.9952

Table 554: Table continues below

tBodyGyroJerk.energy. . . X	tBodyGyroJerk.energy. . . Y
-0.9999	-1
-0.9999	-1
-0.9999	-1
-0.9999	-1
-0.9999	-1
-0.9999	-1

Table 555: Table continues below

tBodyGyroJerk.energy. . . Z	tBodyGyroJerk.iqr. . . X
-0.9999	-0.9923
-0.9999	-0.9907
-0.9999	-0.9871
-0.9999	-0.9909
-1	-0.9945
-0.9999	-0.9937

Table 556: Table continues below

tBodyGyroJerk.iqr... Y	tBodyGyroJerk.iqr... Z
-0.9969	-0.9922
-0.9973	-0.9938
-0.9954	-0.9928
-0.9971	-0.9954
-0.9967	-0.994
-0.9961	-0.992

Table 557: Table continues below

tBodyGyroJerk.entropy... X	tBodyGyroJerk.entropy... Y
-0.5899	-0.6885
-0.6009	-0.7482
-0.5436	-0.673
-0.562	-0.7313
-0.6177	-0.6831
-0.6279	-0.6806

Table 558: Table continues below

tBodyGyroJerk.entropy... Z	tBodyGyroJerk.arCoeff... X.1
-0.5721	0.2924
-0.6089	-0.1933
-0.5884	-0.2412
-0.6614	0.009895
-0.6329	-0.02568
-0.5419	-0.2655

Table 559: Table continues below

tBodyGyroJerk.arCoeff... X.2	tBodyGyroJerk.arCoeff... X.3
-0.362	0.4055
-0.06741	0.1856
-0.01138	0.1161
-0.1376	0.126
-0.1881	0.2309
0.0558	-0.04564

Table 560: Table continues below

tBodyGyroJerk.arCoeff... X.4	tBodyGyroJerk.arCoeff... Y.1
-0.03901	0.9893
0.04152	0.07235
0.08963	0.09599
0.3161	0.09433
0.2003	-0.1494

tBodyGyroJerk.arCoeff. . . X.4	tBodyGyroJerk.arCoeff. . . Y.1
0.2363	-0.1222

Table 561: Table continues below

tBodyGyroJerk.arCoeff. . . Y.2	tBodyGyroJerk.arCoeff. . . Y.3
-0.4146	0.3916
-0.03538	0.1776
0.009604	0.09513
0.02617	0.06966
0.272	-0.2715
0.2681	-0.1937

Table 562: Table continues below

tBodyGyroJerk.arCoeff. . . Y.4	tBodyGyroJerk.arCoeff. . . Z.1
0.2823	0.9273
0.0275	0.1827
0.2529	0.1816
0.2467	0.2574
-0.009937	0.2351
-0.00532	0.2034

Table 563: Table continues below

tBodyGyroJerk.arCoeff. . . Z.2	tBodyGyroJerk.arCoeff. . . Z.3
-0.5724	0.6916
-0.1675	0.2533
-0.1693	0.132
-0.1368	0.08732
-0.341	-0.08571
-0.2967	0.06993

Table 564: Table continues below

tBodyGyroJerk.arCoeff. . . Z.4	tBodyGyroJerk.correlation. . . X.Y
0.4683	-0.1311
0.1323	0.2939
0.008197	0.1933
0.1491	0.1967
0.164	0.1206
-0.01226	0.01791

Table 565: Table continues below

tBodyGyroJerk.correlation... X.Z	tBodyGyroJerk.correlation... Y.Z
-0.08716	0.3362
-0.01808	-0.3433
0.07372	-0.3149
0.1405	-0.3059
0.1075	-0.2826
0.1867	-0.3212

Table 566: Table continues below

tBodyAccMag.mad..	tBodyAccMag.max..	tBodyAccMag.min..
-0.958	-0.9463	-0.9926
-0.9782	-0.9787	-0.9953
-0.9883	-0.9865	-0.9953
-0.9864	-0.9865	-0.997
-0.9912	-0.991	-0.997
-0.995	-0.9957	-0.9942

Table 567: Table continues below

tBodyAccMag.sma..	tBodyAccMag.energy..	tBodyAccMag.iqr..
-0.9594	-0.9985	-0.9576
-0.9793	-0.9995	-0.9812
-0.9837	-0.9997	-0.9858
-0.9865	-0.9997	-0.9835
-0.9928	-0.9999	-0.9896
-0.9943	-0.9999	-0.9935

Table 568: Table continues below

tBodyAccMag.entropy..	tBodyAccMag.arCoeff..1
-0.2326	-0.1732
-0.4419	0.08157
-0.5999	0.03805
-0.589	-0.09286
-0.7046	0.1804
-0.7853	0.3703

Table 569: Table continues below

tBodyAccMag.arCoeff..2	tBodyAccMag.arCoeff..3
-0.0229	0.09483
-0.1094	0.3118
-0.07421	0.2541
0.0464	-0.0004664
-0.2777	0.5156

tBodyAccMag.arCoeff..2	tBodyAccMag.arCoeff..3
-0.3935	0.5635

Table 570: Table continues below

tBodyAccMag.arCoeff..4	tGravityAccMag.mad..	tGravityAccMag.max..
0.1918	-0.958	-0.9463
-0.4117	-0.9782	-0.9787
-0.2961	-0.9883	-0.9865
0.03714	-0.9864	-0.9865
-0.3559	-0.9912	-0.991
-0.4815	-0.995	-0.9957

Table 571: Table continues below

tGravityAccMag.min..	tGravityAccMag.sma..	tGravityAccMag.energy..
-0.9926	-0.9594	-0.9985
-0.9953	-0.9793	-0.9995
-0.9953	-0.9837	-0.9997
-0.997	-0.9865	-0.9997
-0.997	-0.9928	-0.9999
-0.9942	-0.9943	-0.9999

Table 572: Table continues below

tGravityAccMag.iqr..	tGravityAccMag.entropy..
-0.9576	-0.2326
-0.9812	-0.4419
-0.9858	-0.5999
-0.9835	-0.589
-0.9896	-0.7046
-0.9935	-0.7853

Table 573: Table continues below

tGravityAccMag.arCoeff..1	tGravityAccMag.arCoeff..2
-0.1732	-0.0229
0.08157	-0.1094
0.03805	-0.07421
-0.09286	0.0464
0.1804	-0.2777
0.3703	-0.3935

Table 574: Table continues below

tGravityAccMag.arCoeff..3	tGravityAccMag.arCoeff..4
0.09483	0.1918
0.3118	-0.4117
0.2541	-0.2961
-0.0004664	0.03714
0.5156	-0.3559
0.5635	-0.4815

Table 575: Table continues below

tBodyAccJerkMag.mad..	tBodyAccJerkMag.max..	tBodyAccJerkMag.min..
-0.9945	-0.9928	-0.9912
-0.9927	-0.9887	-0.9912
-0.9907	-0.9887	-0.993
-0.9932	-0.9934	-0.993
-0.9961	-0.9933	-0.9813
-0.9955	-0.9933	-0.9932

Table 576: Table continues below

tBodyAccJerkMag.sma..	tBodyAccJerkMag.energy..
-0.9933	-0.9999
-0.9913	-0.9998
-0.9885	-0.9998
-0.9931	-0.9999
-0.9935	-0.9999
-0.993	-0.9999

Table 577: Table continues below

tBodyAccJerkMag.iqr..	tBodyAccJerkMag.entropy..
-0.9929	-0.8634
-0.9935	-0.8199
-0.99	-0.7949
-0.9917	-0.7923
-0.9968	-0.85
-0.995	-0.8713

Table 578: Table continues below

tBodyAccJerkMag.arCoeff..1	tBodyAccJerkMag.arCoeff..2
0.2831	-0.2373
0.4588	-0.2449
0.6497	-0.2601
0.6616	-0.2475
0.3116	-0.1701

tBodyAccJerkMag.arCoeff..1	tBodyAccJerkMag.arCoeff..2
0.07271	0.01782

Table 579: Table continues below

tBodyAccJerkMag.arCoeff..3	tBodyAccJerkMag.arCoeff..4
-0.1054	-0.03821
0.05614	-0.4583
-0.1284	-0.5205
-0.2303	-0.4365
0.1344	-0.4583
-0.06859	-0.1662

Table 580: Table continues below

tBodyGyroMag.mad..	tBodyGyroMag.max..	tBodyGyroMag.min..
-0.9572	-0.9751	-0.9916
-0.982	-0.9847	-0.9916
-0.9845	-0.9847	-0.9662
-0.9856	-0.99	-0.9817
-0.9896	-0.987	-0.9817
-0.9863	-0.987	-0.9904

Table 581: Table continues below

tBodyGyroMag.sma..	tBodyGyroMag.energy..	tBodyGyroMag.iqr..
-0.969	-0.9993	-0.9498
-0.9807	-0.9997	-0.9829
-0.9763	-0.9996	-0.9835
-0.9821	-0.9998	-0.984
-0.9852	-0.9998	-0.9923
-0.9859	-0.9998	-0.9893

Table 582: Table continues below

tBodyGyroMag.entropy..	tBodyGyroMag.arCoeff..1
0.07258	0.5725
-0.1929	-0.2253
-0.2228	-0.2268
-0.2407	-0.202
-0.3387	-0.237
-0.2449	-0.1727

Table 583: Table continues below

tBodyGyroMag.arCoeff..2	tBodyGyroMag.arCoeff..3
-0.7386	0.2126
-0.01706	0.1558
0.05968	0.06148
0.05471	0.1101
0.09382	0.02333
-0.007801	0.09589

Table 584: Table continues below

tBodyGyroMag.arCoeff..4	tBodyGyroJerkMag.mad..
0.4334	-0.9931
0.08258	-0.9958
0.0417	-0.9949
-0.07942	-0.9953
0.03904	-0.9963
0.06976	-0.9961

Table 585: Table continues below

tBodyGyroJerkMag.max..	tBodyGyroJerkMag.min..
-0.9889	-0.9935
-0.9965	-0.992
-0.9954	-0.9977
-0.9954	-0.9977
-0.9924	-0.9922
-0.9924	-0.9928

Table 586: Table continues below

tBodyGyroJerkMag.sma..	tBodyGyroJerkMag.energy..
-0.9942	-0.9999
-0.9951	-1
-0.9934	-1
-0.9955	-1
-0.9958	-1
-0.9953	-1

Table 587: Table continues below

tBodyGyroJerkMag.iqr..	tBodyGyroJerkMag.entropy..
-0.9945	-0.6198
-0.9948	-0.7307
-0.994	-0.6629
-0.995	-0.683
-0.9965	-0.7202

tBodyGyroJerkMag.iqr..	tBodyGyroJerkMag.entropy..
-0.9961	-0.7511

Table 588: Table continues below

tBodyGyroJerkMag.arCoeff..1	tBodyGyroJerkMag.arCoeff..2
0.2928	-0.1769
0.2093	-0.1781
0.328	-0.1546
0.5954	-0.2646
0.3319	-0.2606
0.1788	-0.1814

Table 589: Table continues below

tBodyGyroJerkMag.arCoeff..3	tBodyGyroJerkMag.arCoeff..4
-0.1458	-0.1241
-0.1031	-0.04382
-0.2206	-0.1075
-0.3157	-0.1638
-0.1457	-0.007368
0.04957	-0.1689

Table 590: Table continues below

fBodyAcc.mad... X	fBodyAcc.mad... Y	fBodyAcc.mad... Z
-0.9969	-0.9845	-0.9321
-0.9979	-0.9769	-0.9684
-0.9941	-0.9717	-0.9822
-0.9945	-0.9828	-0.989
-0.9977	-0.9824	-0.9909
-0.9966	-0.9899	-0.995

Table 591: Table continues below

fBodyAcc.max... X	fBodyAcc.max... Y	fBodyAcc.max... Z
-0.9938	-0.9832	-0.8851
-0.9994	-0.9738	-0.9488
-0.9982	-0.9631	-0.9686
-0.9974	-0.9873	-0.9878
-0.9993	-0.9808	-0.9891
-0.9986	-0.9934	-0.9983

Table 592: Table continues below

fBodyAcc.min. . . X	fBodyAcc.min. . . Y	fBodyAcc.min. . . Z
-0.994	-0.9934	-0.9234
-0.9983	-0.9927	-0.9895
-0.9971	-0.9899	-0.9909
-0.9944	-0.9903	-0.9966
-0.995	-0.9918	-0.9745
-0.9957	-0.9952	-0.9863

Table 593: Table continues below

fBodyAcc.sma..	fBodyAcc.energy. . . X	fBodyAcc.energy. . . Y
-0.9747	-1	-0.9997
-0.9858	-1	-0.9994
-0.9858	-1	-0.9991
-0.9928	-1	-0.9997
-0.9924	-1	-0.9996
-0.995	-1	-0.9999

Table 594: Table continues below

fBodyAcc.energy. . . Z	fBodyAcc.iqr. . . X	fBodyAcc.iqr. . . Y
-0.9949	-0.9959	-0.9897
-0.9986	-0.9949	-0.9808
-0.9994	-0.9886	-0.9772
-0.9998	-0.9904	-0.9919
-0.9998	-0.9938	-0.9882
-0.9999	-0.9948	-0.9869

Table 595: Table continues below

fBodyAcc.iqr. . . Z	fBodyAcc.entropy. . . X	fBodyAcc.entropy. . . Y
-0.988	-0.9464	-0.9047
-0.9858	-1	-0.9047
-0.9813	-1	-0.8158
-0.9881	-1	-0.8704
-0.9864	-1	-0.8704
-0.9878	-1	-0.9449

Table 596: Table continues below

fBodyAcc.entropy. . . Z	fBodyAcc.maxInds.X	fBodyAcc.maxInds.Y
-0.5913	-1	-1
-0.7584	0.09677	-1
-0.8135	-0.9355	-1
-0.9442	-1	-1
-0.9442	0.09677	-1

fBodyAcc.entropy... Z	fBodyAcc.maxInds.X	fBodyAcc.maxInds.Y
-1	-0.6129	-1

Table 597: Table continues below

fBodyAcc.maxInds.Z	fBodyAcc.skewness... X	fBodyAcc.kurtosis... X
-1	0.1421	-0.1507
-1	-0.6925	-0.954
-1	-0.7272	-0.9654
-1	-0.5991	-0.9084
-1	-0.677	-0.9514
-1	-0.6311	-0.9349

Table 598: Table continues below

fBodyAcc.skewness... Y	fBodyAcc.kurtosis... Y	fBodyAcc.skewness... Z
-0.2205	-0.5587	0.2468
-0.04971	-0.332	0.05668
0.1631	-0.09215	-0.04494
-0.4609	-0.8131	-0.5668
-0.1804	-0.5337	-0.5855
-0.6608	-0.8994	-0.8807

Table 599: Table continues below

fBodyAcc.kurtosis... Z	fBodyAcc.bandsEnergy... 1.8
-0.007416	-1
-0.289	-1
-0.2884	-1
-0.7712	-1
-0.7904	-1
-0.9636	-1

Table 600: Table continues below

fBodyAcc.bandsEnergy... 9.16	fBodyAcc.bandsEnergy... 17.24
-1	-1
-1	-0.9999
-1	-0.9998
-1	-0.9998
-1	-0.9999
-1	-0.9999

Table 601: Table continues below

fBodyAcc.bandsEnergy... 25.32	fBodyAcc.bandsEnergy... 33.40
-1	-0.9999
-1	-0.9999
-0.9998	-0.9999
-0.9999	-1
-0.9999	-1
-0.9999	-0.9999

Table 602: Table continues below

fBodyAcc.bandsEnergy... 41.48	fBodyAcc.bandsEnergy... 49.56
-0.9997	-0.9997
-0.9999	-1
-0.9999	-0.9999
-0.9999	-1
-0.9999	-1
-0.9999	-1

Table 603: Table continues below

fBodyAcc.bandsEnergy... 57.64	fBodyAcc.bandsEnergy... 1.16
-1	-1
-1	-1
-1	-1
-1	-1
-1	-1
-1	-1

Table 604: Table continues below

fBodyAcc.bandsEnergy... 17.32	fBodyAcc.bandsEnergy... 33.48
-1	-0.9999
-0.9999	-0.9999
-0.9998	-0.9999
-0.9998	-1
-0.9999	-1
-0.9999	-0.9999

Table 605: Table continues below

fBodyAcc.bandsEnergy... 49.64	fBodyAcc.bandsEnergy... 1.24
-0.9998	-1
-1	-1
-0.9999	-1
-1	-1
-1	-1

fBodyAcc.bandsEnergy... 49.64	fBodyAcc.bandsEnergy... 1.24
-1	-1

Table 606: Table continues below

fBodyAcc.bandsEnergy... 25.48	fBodyAcc.bandsEnergy... 1.8.1
-0.9999	-0.9997
-0.9999	-0.9994
-0.9999	-0.999
-0.9999	-0.9997
-1	-0.9996
-0.9999	-0.9999

Table 607: Table continues below

fBodyAcc.bandsEnergy... 9.16.1	fBodyAcc.bandsEnergy... 17.24.1
-0.9999	-0.9999
-0.9998	-0.9996
-0.9997	-0.9997
-0.9997	-0.9999
-0.9999	-0.9999
-0.9999	-0.9998

Table 608: Table continues below

fBodyAcc.bandsEnergy... 25.32.1	fBodyAcc.bandsEnergy... 33.40.1
-0.9999	-0.9997
-0.9999	-0.9995
-0.9998	-0.9996
-0.9999	-0.9996
-0.9999	-0.9997
-0.9998	-0.9998

Table 609: Table continues below

fBodyAcc.bandsEnergy... 41.48.1	fBodyAcc.bandsEnergy... 49.56.1
-0.9997	-0.9995
-0.9997	-0.9996
-0.9997	-0.9996
-0.9999	-0.9995
-0.9997	-0.9995
-0.9997	-0.9996

Table 610: Table continues below

fBodyAcc.bandsEnergy... 57.64.1	fBodyAcc.bandsEnergy... 1.16.1
-0.9998	-0.9997
-0.9999	-0.9995
-0.9999	-0.9991
-0.9999	-0.9997
-0.9999	-0.9996
-0.9999	-0.9999

Table 611: Table continues below

fBodyAcc.bandsEnergy... 17.32.1	fBodyAcc.bandsEnergy... 33.48.1
-0.9998	-0.9997
-0.9996	-0.9996
-0.9996	-0.9996
-0.9999	-0.9997
-0.9998	-0.9997
-0.9998	-0.9998

Table 612: Table continues below

fBodyAcc.bandsEnergy... 49.64.1	fBodyAcc.bandsEnergy... 1.24.1
-0.9996	-0.9997
-0.9997	-0.9994
-0.9997	-0.9991
-0.9996	-0.9997
-0.9997	-0.9996
-0.9997	-0.9999

Table 613: Table continues below

fBodyAcc.bandsEnergy... 25.48.1	fBodyAcc.bandsEnergy... 1.8.2
-0.9998	-0.9936
-0.9998	-0.9982
-0.9998	-0.9994
-0.9999	-0.9998
-0.9998	-0.9998
-0.9998	-0.9999

Table 614: Table continues below

fBodyAcc.bandsEnergy... 9.16.2	fBodyAcc.bandsEnergy... 17.24.2
-0.9995	-0.9997
-0.9998	-0.9997
-0.9997	-0.9997
-0.9998	-0.9998
-0.9998	-0.9998

fBodyAcc.bandsEnergy... 9.16.2	fBodyAcc.bandsEnergy... 17.24.2
-0.9998	-0.9999

Table 615: Table continues below

fBodyAcc.bandsEnergy... 25.32.2	fBodyAcc.bandsEnergy... 33.40.2
-0.9996	-0.9993
-0.9999	-0.9997
-0.9998	-0.9998
-0.9999	-0.9999
-0.9998	-0.9997
-0.9998	-0.9998

Table 616: Table continues below

fBodyAcc.bandsEnergy... 41.48.2	fBodyAcc.bandsEnergy... 49.56.2
-0.9979	-0.9959
-0.9994	-0.9989
-0.9996	-0.9997
-0.9997	-0.9997
-0.9997	-0.999
-0.9995	-0.9997

Table 617: Table continues below

fBodyAcc.bandsEnergy... 57.64.2	fBodyAcc.bandsEnergy... 1.16.2
-0.9951	-0.9947
-0.9988	-0.9985
-0.9999	-0.9995
-1	-0.9998
-0.9994	-0.9998
-0.9999	-0.9999

Table 618: Table continues below

fBodyAcc.bandsEnergy... 17.32.2	fBodyAcc.bandsEnergy... 33.48.2
-0.9997	-0.9989
-0.9998	-0.9996
-0.9998	-0.9997
-0.9999	-0.9998
-0.9998	-0.9997
-0.9999	-0.9997

Table 619: Table continues below

fBodyAcc.bandsEnergy... 49.64.2	fBodyAcc.bandsEnergy... 1.24.2
-0.9957	-0.9949
-0.9989	-0.9986
-0.9998	-0.9994
-0.9998	-0.9998
-0.9991	-0.9998
-0.9998	-0.9999

Table 620: Table continues below

fBodyAcc.bandsEnergy... 25.48.2	fBodyAccJerk.mad... X
-0.9995	-0.9938
-0.9998	-0.995
-0.9998	-0.9878
-0.9999	-0.9894
-0.9998	-0.9961
-0.9998	-0.9931

Table 621: Table continues below

fBodyAccJerk.mad... Y	fBodyAccJerk.mad... Z	fBodyAccJerk.max... X
-0.9905	-0.997	-0.9967
-0.9829	-0.9916	-0.9974
-0.9811	-0.9877	-0.9952
-0.9871	-0.9938	-0.9934
-0.9889	-0.9917	-0.997
-0.9898	-0.9918	-0.997

Table 622: Table continues below

fBodyAccJerk.max... Y	fBodyAccJerk.max... Z	fBodyAccJerk.min... X
-0.992	-0.9932	-0.9983
-0.9849	-0.9932	-0.9979
-0.9854	-0.9939	-0.9975
-0.9879	-0.9942	-0.9979
-0.9904	-0.9951	-0.9958
-0.9928	-0.9942	-0.9961

Table 623: Table continues below

fBodyAccJerk.min... Y	fBodyAccJerk.min... Z	fBodyAccJerk.sma..
-0.9911	-0.9599	-0.9905
-0.9825	-0.9868	-0.9899
-0.9986	-0.9976	-0.9872
-0.9998	-0.9654	-0.9927
-0.9961	-0.996	-0.9933

fBodyAccJerk.min. . . Y	fBodyAccJerk.min. . . Z	fBodyAccJerk.sma..
-0.9991	-0.9849	-0.9922

Table 624: Table continues below

fBodyAccJerk.energy. . . X	fBodyAccJerk.energy. . . Y
-0.9999	-0.9998
-1	-0.9996
-0.9999	-0.9996
-0.9999	-0.9998
-1	-0.9998
-1	-0.9998

Table 625: Table continues below

fBodyAccJerk.energy. . . Z	fBodyAccJerk.iqr. . . X	fBodyAccJerk.iqr. . . Y
-0.9999	-0.993	-0.9914
-0.9998	-0.9928	-0.9852
-0.9998	-0.9818	-0.9848
-0.9999	-0.9918	-0.9907
-0.9999	-0.9961	-0.9924
-0.9999	-0.9914	-0.9911

Table 626: Table continues below

fBodyAccJerk.iqr. . . Z	fBodyAccJerk.entropy. . . X
-0.9962	-1
-0.991	-1
-0.9824	-1
-0.9933	-1
-0.9862	-1
-0.9878	-1

Table 627: Table continues below

fBodyAccJerk.entropy. . . Y	fBodyAccJerk.entropy. . . Z
-1	-1
-1	-1
-1	-1
-1	-1
-1	-1
-1	-1

Table 628: Table continues below

fBodyAccJerk.maxInds.X	fBodyAccJerk.maxInds.Y
1	-0.24
-0.32	-0.12
-0.16	-0.48
-0.12	-0.56
-0.32	-0.08
-0.32	-0.36

Table 629: Table continues below

fBodyAccJerk.maxInds.Z	fBodyAccJerk.skewness... X
-1	-0.7037
-0.32	-0.6303
-0.28	-0.5948
-0.28	-0.2639
0.04	-0.5222
0.52	-0.5946

Table 630: Table continues below

fBodyAccJerk.kurtosis... X	fBodyAccJerk.skewness... Y
-0.9037	-0.5826
-0.9104	-0.4144
-0.9235	-0.5289
-0.7572	-0.396
-0.813	-0.4966
-0.9053	-0.665

Table 631: Table continues below

fBodyAccJerk.kurtosis... Y	fBodyAccJerk.skewness... Z
-0.9363	-0.5073
-0.8506	-0.6555
-0.913	-0.8034
-0.8296	-0.577
-0.9039	-0.7644
-0.9565	-0.7226

Table 632: Table continues below

fBodyAccJerk.kurtosis... Z	fBodyAccJerk.bandsEnergy... 1.8
-0.8055	-1
-0.916	-1
-0.9801	-1
-0.8934	-1
-0.9662	-1

fBodyAccJerk.kurtosis... Z	fBodyAccJerk.bandsEnergy... 1.8
-0.9433	-1

Table 633: Table continues below

fBodyAccJerk.bandsEnergy... 9.16	fBodyAccJerk.bandsEnergy... 17.24
-1	-1
-1	-0.9999
-0.9999	-0.9998
-1	-0.9998
-1	-0.9999
-1	-0.9999

Table 634: Table continues below

fBodyAccJerk.bandsEnergy... 25.32	fBodyAccJerk.bandsEnergy... 33.40
-1	-0.9999
-1	-0.9999
-0.9998	-0.9999
-0.9999	-1
-0.9999	-1
-0.9999	-0.9999

Table 635: Table continues below

fBodyAccJerk.bandsEnergy... 41.48	fBodyAccJerk.bandsEnergy... 49.56
-0.9996	-0.9995
-0.9998	-0.9999
-0.9999	-0.9999
-0.9999	-0.9999
-0.9999	-1
-0.9999	-0.9999

Table 636: Table continues below

fBodyAccJerk.bandsEnergy... 57.64	fBodyAccJerk.bandsEnergy... 1.16
-1	-1
-1	-1
-1	-1
-1	-1
-1	-1
-1	-1

Table 637: Table continues below

fBodyAccJerk.bandsEnergy... 17.32	fBodyAccJerk.bandsEnergy... 33.48
-1	-0.9998
-1	-0.9999
-0.9998	-0.9999
-0.9998	-1
-0.9999	-1
-0.9999	-0.9999

Table 638: Table continues below

fBodyAccJerk.bandsEnergy... 49.64	fBodyAccJerk.bandsEnergy... 1.24
-0.9995	-1
-0.9999	-1
-0.9999	-0.9999
-0.9999	-0.9999
-1	-1
-0.9999	-1

Table 639: Table continues below

fBodyAccJerk.bandsEnergy... 25.48	fBodyAccJerk.bandsEnergy... 1.8.1
-0.9999	-0.9999
-0.9999	-0.9999
-0.9998	-0.9998
-0.9999	-0.9999
-0.9999	-0.9999
-0.9999	-0.9999

Table 640: Table continues below

fBodyAccJerk.bandsEnergy... 9.16.1	fBodyAccJerk.bandsEnergy... 17.24.1
-0.9999	-0.9998
-0.9998	-0.9995
-0.9997	-0.9996
-0.9998	-0.9999
-0.9999	-0.9998
-0.9999	-0.9998

Table 641: Table continues below

fBodyAccJerk.bandsEnergy... 25.32.1	fBodyAccJerk.bandsEnergy... 33.40.1
-0.9999	-0.9997
-0.9998	-0.9996
-0.9998	-0.9997
-0.9999	-0.9997
-0.9999	-0.9997

fBodyAccJerk.bandsEnergy... 25.32.1	fBodyAccJerk.bandsEnergy... 33.40.1
-0.9998	-0.9999

Table 642: Table continues below

fBodyAccJerk.bandsEnergy... 41.48.1	fBodyAccJerk.bandsEnergy... 49.56.1
-0.9997	-0.9996
-0.9997	-0.9996
-0.9996	-0.9997
-0.9998	-0.9997
-0.9998	-0.9995
-0.9997	-0.9996

Table 643: Table continues below

fBodyAccJerk.bandsEnergy... 57.64.1	fBodyAccJerk.bandsEnergy... 1.16.1
-0.9998	-0.9999
-0.9999	-0.9998
-1	-0.9997
-1	-0.9998
-1	-0.9999
-1	-0.9999

Table 644: Table continues below

fBodyAccJerk.bandsEnergy... 17.32.1	fBodyAccJerk.bandsEnergy... 33.48.1
-0.9998	-0.9997
-0.9995	-0.9996
-0.9996	-0.9996
-0.9999	-0.9997
-0.9998	-0.9997
-0.9998	-0.9998

Table 645: Table continues below

fBodyAccJerk.bandsEnergy... 49.64.1	fBodyAccJerk.bandsEnergy... 1.24.1
-0.9996	-0.9999
-0.9996	-0.9996
-0.9997	-0.9996
-0.9997	-0.9998
-0.9996	-0.9998
-0.9996	-0.9999

Table 646: Table continues below

fBodyAccJerk.bandsEnergy... 25.48.1	fBodyAccJerk.bandsEnergy... 1.8.2
-0.9998	-0.9994
-0.9998	-0.9999
-0.9998	-0.9999
-0.9999	-0.9999
-0.9999	-0.9998
-0.9998	-0.9999

Table 647: Table continues below

fBodyAccJerk.bandsEnergy... 9.16.2	fBodyAccJerk.bandsEnergy... 17.24.2
-0.9998	-1
-0.9998	-0.9998
-0.9998	-0.9997
-0.9997	-0.9998
-0.9999	-0.9999
-0.9998	-0.9999

Table 648: Table continues below

fBodyAccJerk.bandsEnergy... 25.32.2	fBodyAccJerk.bandsEnergy... 33.40.2
-0.9999	-0.9998
-0.9998	-0.9998
-0.9998	-0.9998
-0.9999	-0.9999
-0.9998	-0.9998
-0.9998	-0.9998

Table 649: Table continues below

fBodyAccJerk.bandsEnergy... 41.48.2	fBodyAccJerk.bandsEnergy... 49.56.2
-0.9998	-0.9988
-0.9998	-0.9996
-0.9996	-0.9995
-0.9997	-0.9992
-0.9997	-0.9992
-0.9996	-0.9994

Table 650: Table continues below

fBodyAccJerk.bandsEnergy... 57.64.2	fBodyAccJerk.bandsEnergy... 1.16.2
-0.9986	-0.9996
-1	-0.9999
-1	-0.9998
-0.9997	-0.9998
-1	-0.9999

fBodyAccJerk.bandsEnergy... 57.64.2	fBodyAccJerk.bandsEnergy... 1.16.2
-0.9999	-0.9998

Table 651: Table continues below

fBodyAccJerk.bandsEnergy... 17.32.2	fBodyAccJerk.bandsEnergy... 33.48.2
-1	-0.9998
-0.9998	-0.9998
-0.9998	-0.9997
-0.9999	-0.9998
-0.9999	-0.9997
-0.9999	-0.9997

Table 652: Table continues below

fBodyAccJerk.bandsEnergy... 49.64.2	fBodyAccJerk.bandsEnergy... 1.24.2
-0.9987	-0.9998
-0.9997	-0.9998
-0.9995	-0.9998
-0.9992	-0.9998
-0.9992	-0.9999
-0.9994	-0.9999

Table 653: Table continues below

fBodyAccJerk.bandsEnergy... 25.48.2	fBodyGyro.mad... X
-0.9999	-0.9865
-0.9998	-0.9794
-0.9998	-0.9756
-0.9999	-0.9897
-0.9998	-0.9826
-0.9998	-0.9834

Table 654: Table continues below

fBodyGyro.mad... Y	fBodyGyro.mad... Z	fBodyGyro.max... X
-0.9836	-0.9924	-0.9805
-0.9918	-0.988	-0.9874
-0.9937	-0.985	-0.9729
-0.9935	-0.9865	-0.9945
-0.9933	-0.9865	-0.988
-0.9929	-0.9841	-0.983

Table 655: Table continues below

fBodyGyro.max... Y	fBodyGyro.max... Z	fBodyGyro.min... X
-0.9723	-0.9949	-0.9976
-0.9848	-0.9902	-0.9869
-0.995	-0.9913	-0.9883
-0.9918	-0.9923	-0.9897
-0.9932	-0.9914	-0.9937
-0.9932	-0.9876	-0.9994

Table 656: Table continues below

fBodyGyro.min... Y	fBodyGyro.min... Z	fBodyGyro.sma..
-0.9841	-0.9943	-0.9853
-0.9991	-0.9944	-0.9869
-0.9972	-0.9936	-0.986
-0.9943	-0.9931	-0.9903
-0.9937	-0.9948	-0.9887
-0.9978	-0.9816	-0.9876

Table 657: Table continues below

fBodyGyro.energy... X	fBodyGyro.energy... Y	fBodyGyro.energy... Z
-0.9999	-0.9997	-0.9999
-0.9998	-0.9999	-0.9999
-0.9997	-1	-0.9998
-0.9999	-1	-0.9999
-0.9999	-1	-0.9999
-0.9999	-0.9999	-0.9998

Table 658: Table continues below

fBodyGyro.iqr... X	fBodyGyro.iqr... Y	fBodyGyro.iqr... Z
-0.9903	-0.9948	-0.9944
-0.9871	-0.9956	-0.9873
-0.9855	-0.9954	-0.9926
-0.9929	-0.9963	-0.9902
-0.9905	-0.9961	-0.9974
-0.9883	-0.9941	-0.9904

Table 659: Table continues below

fBodyGyro.entropy... X	fBodyGyro.entropy... Y	fBodyGyro.entropy... Z
-0.7124	-0.6448	-0.839
-0.6111	-0.7646	-0.7511
-0.591	-0.8083	-0.7511
-0.7237	-0.8038	-0.8173
-0.6526	-0.8272	-0.7375

fBodyGyro.entropy... X	fBodyGyro.entropy... Y	fBodyGyro.entropy... Z
-0.6782	-0.8083	-0.7511

Table 660: Table continues below

fBodyGyro.maxInds.X	fBodyGyro.maxInds.Y	fBodyGyro.maxInds.Z
-1	-1	-1
-1	-1	-1
-1	-0.871	-1
-1	-1	-0.7931
-1	-0.8065	-1
-0.9333	-0.9355	-0.931

Table 661: Table continues below

fBodyGyro.skewness... X	fBodyGyro.kurtosis... X
0.3773	0.1341
-0.4586	-0.797
0.09052	-0.2447
-0.5721	-0.8736
-0.3396	-0.7226
-0.004028	-0.3232

Table 662: Table continues below

fBodyGyro.skewness... Y	fBodyGyro.kurtosis... Y
0.2734	-0.09126
0.3876	0.1487
-0.4293	-0.8126
-0.1351	-0.5422
-0.2655	-0.69
-0.2901	-0.7054

Table 663: Table continues below

fBodyGyro.skewness... Z	fBodyGyro.kurtosis... Z
-0.4843	-0.7829
-0.1569	-0.4518
-0.392	-0.7675
-0.3794	-0.7565
-0.268	-0.6592
-0.235	-0.6081

Table 664: Table continues below

fBodyGyro.bandsEnergy... 1.8	fBodyGyro.bandsEnergy... 9.16
-0.9999	-0.9999
-0.9999	-0.9998
-0.9997	-0.9998
-1	-0.9999
-0.9999	-0.9999
-0.9999	-0.9999

Table 665: Table continues below

fBodyGyro.bandsEnergy... 17.24	fBodyGyro.bandsEnergy... 25.32
-1	-1
-0.9999	-0.9999
-0.9999	-0.9999
-0.9999	-1
-0.9999	-0.9999
-1	-1

Table 666: Table continues below

fBodyGyro.bandsEnergy... 33.40	fBodyGyro.bandsEnergy... 41.48
-0.9999	-1
-0.9999	-0.9999
-0.9998	-0.9998
-0.9999	-0.9999
-0.9999	-0.9999
-1	-1

Table 667: Table continues below

fBodyGyro.bandsEnergy... 49.56	fBodyGyro.bandsEnergy... 57.64
-0.9999	-1
-0.9998	-0.9998
-0.9999	-0.9999
-0.9998	-0.9999
-0.9999	-0.9999
-1	-1

Table 668: Table continues below

fBodyGyro.bandsEnergy... 1.16	fBodyGyro.bandsEnergy... 17.32
-0.9999	-1
-0.9998	-0.9999
-0.9997	-0.9999
-1	-0.9999
-0.9999	-0.9999

fBodyGyro.bandsEnergy... 1.16	fBodyGyro.bandsEnergy... 17.32
-0.9999	-1

Table 669: Table continues below

fBodyGyro.bandsEnergy... 33.48	fBodyGyro.bandsEnergy... 49.64
-0.9999	-1
-0.9999	-0.9998
-0.9998	-0.9999
-0.9999	-0.9999
-0.9999	-0.9999
-1	-1

Table 670: Table continues below

fBodyGyro.bandsEnergy... 1.24	fBodyGyro.bandsEnergy... 25.48
-0.9999	-1
-0.9998	-0.9999
-0.9997	-0.9999
-0.9999	-0.9999
-0.9999	-0.9999
-0.9999	-1

Table 671: Table continues below

fBodyGyro.bandsEnergy... 1.8.1	fBodyGyro.bandsEnergy... 9.16.1
-0.9995	-1
-0.9999	-1
-1	-1
-0.9999	-1
-0.9999	-1
-0.9999	-1

Table 672: Table continues below

fBodyGyro.bandsEnergy... 17.24.1	fBodyGyro.bandsEnergy... 25.32.1
-1	-1
-1	-1
-1	-1
-1	-1
-1	-1
-1	-1

Table 673: Table continues below

fBodyGyro.bandsEnergy... 33.40.1	fBodyGyro.bandsEnergy... 41.48.1
-1	-0.9998
-1	-1
-1	-0.9999
-1	-1
-1	-1
-1	-1

Table 674: Table continues below

fBodyGyro.bandsEnergy... 49.56.1	fBodyGyro.bandsEnergy... 57.64.1
-0.9983	-0.999
-1	-1
-1	-1
-1	-1
-1	-1
-1	-1

Table 675: Table continues below

fBodyGyro.bandsEnergy... 1.16.1	fBodyGyro.bandsEnergy... 17.32.1
-0.9996	-1
-0.9999	-1
-1	-1
-0.9999	-1
-0.9999	-1
-0.9999	-1

Table 676: Table continues below

fBodyGyro.bandsEnergy... 33.48.1	fBodyGyro.bandsEnergy... 49.64.1
-0.9999	-0.9984
-1	-1
-1	-1
-1	-1
-1	-1
-1	-1

Table 677: Table continues below

fBodyGyro.bandsEnergy... 1.24.1	fBodyGyro.bandsEnergy... 25.48.1
-0.9996	-1
-0.9999	-1
-1	-1
-0.9999	-1
-0.9999	-1

fBodyGyro.bandsEnergy... 1.24.1	fBodyGyro.bandsEnergy... 25.48.1
-0.9999	-1

Table 678: Table continues below

fBodyGyro.bandsEnergy... 1.8.2	fBodyGyro.bandsEnergy... 9.16.2
-1	-1
-0.9999	-1
-0.9999	-0.9999
-0.9999	-1
-0.9999	-1
-0.9998	-0.9999

Table 679: Table continues below

fBodyGyro.bandsEnergy... 17.24.2	fBodyGyro.bandsEnergy... 25.32.2
-0.9999	-1
-0.9999	-1
-0.9999	-1
-1	-1
-1	-1
-1	-0.9999

Table 680: Table continues below

fBodyGyro.bandsEnergy... 33.40.2	fBodyGyro.bandsEnergy... 41.48.2
-0.9999	-0.9998
-1	-0.9999
-1	-0.9999
-0.9999	-0.9999
-0.9999	-0.9999
-0.9999	-0.9999

Table 681: Table continues below

fBodyGyro.bandsEnergy... 49.56.2	fBodyGyro.bandsEnergy... 57.64.2
-0.9991	-0.9999
-1	-1
-0.9999	-1
-0.9999	-0.9999
-0.9999	-1
-0.9996	-0.9996

Table 682: Table continues below

fBodyGyro.bandsEnergy. . . 1.16.2	fBodyGyro.bandsEnergy. . . 17.32.2
-1	-0.9999
-0.9999	-0.9999
-0.9999	-0.9999
-0.9999	-0.9999
-0.9999	-1
-0.9998	-0.9999

Table 683: Table continues below

fBodyGyro.bandsEnergy. . . 33.48.2	fBodyGyro.bandsEnergy. . . 49.64.2
-0.9999	-0.9994
-1	-1
-0.9999	-0.9999
-0.9999	-0.9999
-0.9999	-0.9999
-0.9999	-0.9996

Table 684: Table continues below

fBodyGyro.bandsEnergy. . . 1.24.2	fBodyGyro.bandsEnergy. . . 25.48.2
-0.9999	-1
-0.9999	-1
-0.9999	-1
-0.9999	-1
-0.9999	-1
-0.9998	-0.9999

Table 685: Table continues below

fBodyAccMag.mad..	fBodyAccMag.max..	fBodyAccMag.min..
-0.9489	-0.9743	-0.9257
-0.9758	-0.9782	-0.9869
-0.9856	-0.9931	-0.9898
-0.9835	-0.9902	-0.9982
-0.9923	-0.9905	-0.9878
-0.9939	-0.9954	-0.9895

Table 686: Table continues below

fBodyAccMag.sma..	fBodyAccMag.energy..	fBodyAccMag.iqr..
-0.9522	-0.9983	-0.9733
-0.9809	-0.9995	-0.9845
-0.9878	-0.9998	-0.9892
-0.9875	-0.9998	-0.9832
-0.9936	-0.9999	-0.9973

fBodyAccMag.sma..	fBodyAccMag.energy..	fBodyAccMag.iqr..
-0.9948	-0.9999	-0.9922

Table 687: Table continues below

fBodyAccMag.entropy..	fBodyAccMag.maxInds	fBodyAccMag.skewness..
-0.6464	-0.7931	-0.4365
-0.8167	-1	-0.122
-0.907	-0.8621	-0.6187
-0.907	-1	-0.4684
-0.907	-1	-0.1127
-1	-1	-0.5946

Table 688: Table continues below

fBodyAccMag.kurtosis..	fBodyBodyAccJerkMag.mad..
-0.7968	-0.992
-0.4495	-0.9897
-0.8797	-0.9873
-0.7565	-0.9891
-0.4818	-0.9933
-0.8092	-0.9943

Table 689: Table continues below

fBodyBodyAccJerkMag.max..	fBodyBodyAccJerkMag.min..
-0.9934	-0.9882
-0.9945	-0.9895
-0.9932	-0.9999
-0.9945	-0.9956
-0.9955	-0.9822
-0.9945	-0.983

Table 690: Table continues below

fBodyBodyAccJerkMag.sma..	fBodyBodyAccJerkMag.energy..
-0.9937	-0.9999
-0.9903	-0.9999
-0.9893	-0.9998
-0.9928	-0.9999
-0.9955	-0.9999
-0.9947	-0.9999

Table 691: Table continues below

fBodyBodyAccJerkMag.iqr..	fBodyBodyAccJerkMag.entropy..
-0.9914	-1
-0.9911	-1
-0.9867	-1
-0.9881	-1
-0.9942	-1
-0.9967	-1

Table 692: Table continues below

fBodyBodyAccJerkMag.maxInds	fBodyBodyAccJerkMag.skewness..
-0.9365	-0.5161
-0.8413	-0.6249
-0.9048	-0.7247
1	-0.7011
-1	-0.5289
-1	-0.5209

Table 693: Table continues below

fBodyBodyAccJerkMag.kurtosis..	fBodyBodyGyroMag.mad..
-0.8028	-0.9737
-0.9002	-0.9827
-0.9285	-0.9843
-0.9096	-0.9868
-0.8589	-0.9877
-0.8025	-0.9855

Table 694: Table continues below

fBodyBodyGyroMag.max..	fBodyBodyGyroMag.min..
-0.9523	-0.9895
-0.9863	-0.9918
-0.991	-0.9957
-0.9867	-0.9962
-0.9915	-0.9984
-0.9882	-0.9948

Table 695: Table continues below

fBodyBodyGyroMag.sma..	fBodyBodyGyroMag.energy..
-0.9801	-0.9992
-0.9883	-0.9998
-0.9893	-0.9999
-0.9894	-0.9999
-0.9914	-0.9999

fBodyBodyGyroMag.sma..	fBodyBodyGyroMag.energy..
-0.9905	-0.9999

Table 696: Table continues below

fBodyBodyGyroMag.iqr..	fBodyBodyGyroMag.entropy..
-0.9927	-0.7013
-0.994	-0.7207
-0.9932	-0.7365
-0.9891	-0.7209
-0.9893	-0.7634
-0.992	-0.7686

Table 697: Table continues below

fBodyBodyGyroMag.maxInds	fBodyBodyGyroMag.skewness..
-1	0.5862
-0.9487	-0.3363
-0.7949	-0.5354
-1	-0.2301
-0.8974	-0.5103
-1	-0.346

Table 698: Table continues below

fBodyBodyGyroMag.kurtosis..	fBodyBodyGyroJerkMag.mad..
0.3746	-0.9899
-0.72	-0.9954
-0.8719	-0.9946
-0.5112	-0.9957
-0.8307	-0.9953
-0.7273	-0.9944

Table 699: Table continues below

fBodyBodyGyroJerkMag.max..	fBodyBodyGyroJerkMag.min..
-0.9924	-0.991
-0.9969	-0.9944
-0.9961	-0.9959
-0.9953	-0.9957
-0.9956	-0.9974
-0.9961	-0.9985

Table 700: Table continues below

fBodyBodyGyroJerkMag.sma..	fBodyBodyGyroJerkMag.energy..
-0.992	-0.9999
-0.9959	-1
-0.995	-1
-0.9952	-1
-0.9951	-1
-0.9951	-1

Table 701: Table continues below

fBodyBodyGyroJerkMag.iqr..	fBodyBodyGyroJerkMag.entropy..
-0.9905	-0.8713
-0.9945	-1
-0.9938	-1
-0.9952	-0.9557
-0.9955	-1
-0.9945	-1

Table 702: Table continues below

fBodyBodyGyroJerkMag.maxInds	fBodyBodyGyroJerkMag.skewness..
-1	-0.2987
-1	-0.5951
-0.5556	-0.3907
-0.9365	-0.1173
-0.9365	-0.3515
-1	-0.5454

fBodyBodyGyroJerkMag.kurtosis..
-0.7103
-0.8615
-0.7601
-0.4828
-0.6992
-0.8446

c. Create tidy dataset with the average of each variable for each activity and each subject

```
smartphoneDatasetAverages <- smartphoneDatasetReduced %>%
  group_by(subject, ActivityName) %>%
  summarise_each(funs(mean),
    vars=-one_of(c('subject', 'ActivityLabel', 'ActivityName')) )
```

```
str(smartphoneDatasetAverages)
```

```
## Classes 'grouped_df', 'tbl_df', 'tbl' and 'data.frame': 180 obs. of 477 variables:
## $ subject : int 1 1 1 1 1 1 2 2 2 2 ...
## $ ActivityName : Factor w/ 6 levels "LAYING","SITTING",...: 1 2 3 4 5 6 1 2 3 4
## $ tBodyAcc.mad...X : num -0.9321 -0.9795 -0.9961 -0.3407 -0.0441 ...
## $ tBodyAcc.mad...Y : num -0.8409 -0.9197 -0.9718 0.0618 -0.1074 ...
## $ tBodyAcc.mad...Z : num -0.822 -0.939 -0.979 -0.25 -0.212 ...
## $ tBodyAcc.max...X : num -0.906 -0.927 -0.939 -0.103 0.389 ...
## $ tBodyAcc.max...Y : num -0.5016 -0.5174 -0.5609 -0.0557 -0.0953 ...
## $ tBodyAcc.max...Z : num -0.703 -0.786 -0.813 -0.255 -0.317 ...
## $ tBodyAcc.min...X : num 0.7431 0.8203 0.8489 0.1196 0.0157 ...
## $ tBodyAcc.min...Y : num 0.5849 0.6828 0.685 -0.0212 -0.0437 ...
## $ tBodyAcc.min...Z : num 0.758 0.822 0.838 0.437 0.305 ...
## $ tBodyAcc.sma... : num -0.842 -0.946 -0.984 -0.126 0.008 ...
## $ tBodyAcc.energy...X : num -0.984 -0.998 -1 -0.739 -0.463 ...
## $ tBodyAcc.energy...Y : num -0.948 -0.99 -0.999 -0.758 -0.813 ...
## $ tBodyAcc.energy...Z : num -0.905 -0.987 -0.999 -0.748 -0.724 ...
## $ tBodyAcc.iqr...X : num -0.94 -0.983 -0.996 -0.424 -0.225 ...
## $ tBodyAcc.iqr...Y : num -0.877 -0.932 -0.974 -0.299 -0.399 ...
## $ tBodyAcc.iqr...Z : num -0.823 -0.943 -0.979 -0.252 -0.206 ...
## $ tBodyAcc.entropy...X : num -0.372 -0.594 -0.654 0.359 0.237 ...
## $ tBodyAcc.entropy...Y : num -0.491 -0.399 -0.563 0.437 0.376 ...
## $ tBodyAcc.entropy...Z : num -0.402 -0.5213 -0.5895 0.0424 0.1697 ...
## $ tBodyAcc.arCoeff...X.1 : num 0.043 0.152 0.297 -0.335 -0.395 ...
## $ tBodyAcc.arCoeff...X.2 : num 0.00523 -0.05942 -0.14551 0.34841 0.36759 ...
## $ tBodyAcc.arCoeff...X.3 : num -0.0323 0.041 0.1136 -0.1492 -0.31 ...
## $ tBodyAcc.arCoeff...X.4 : num 0.14657 -0.00412 0.0807 0.07994 0.2763 ...
## $ tBodyAcc.arCoeff...Y.1 : num 0.176 0.169 0.185 -0.167 -0.121 ...
## $ tBodyAcc.arCoeff...Y.2 : num -0.104 -0.129 -0.138 0.175 0.155 ...
## $ tBodyAcc.arCoeff...Y.3 : num 0.1842 0.1851 0.1903 0.1678 0.0867 ...
## $ tBodyAcc.arCoeff...Y.4 : num 0.0105 -0.117 -0.0158 -0.0514 0.0377 ...
## $ tBodyAcc.arCoeff...Z.1 : num 0.2091 0.2589 0.2799 -0.1189 0.0804 ...
## $ tBodyAcc.arCoeff...Z.2 : num -0.1219 -0.1171 -0.1279 0.1673 0.0878 ...
## $ tBodyAcc.arCoeff...Z.3 : num 0.09054 0.08508 0.11685 0.00262 0.02916 ...
## $ tBodyAcc.arCoeff...Z.4 : num 0.00239 -0.02272 -0.10391 -0.27517 -0.2914 ...
## $ tBodyAcc.correlation...X.Y : num -0.0409 -0.4029 0.1284 -0.1437 -0.4542 ...
## $ tBodyAcc.correlation...X.Z : num -0.00933 -0.20119 -0.00543 -0.19123 -0.22554 ...
## $ tBodyAcc.correlation...Y.Z : num -0.0234 0.1183 0.2883 0.3802 0.0757 ...
## $ tGravityAcc.mad...X : num -0.899 -0.969 -0.994 -0.977 -0.951 ...
## $ tGravityAcc.mad...Y : num -0.91 -0.938 -0.981 -0.972 -0.938 ...
## $ tGravityAcc.mad...Z : num -0.855 -0.95 -0.977 -0.95 -0.898 ...
## $ tGravityAcc.max...X : num -0.28 0.768 0.87 0.869 0.876 ...
## $ tGravityAcc.max...Y : num 0.685 0.188 -0.288 -0.294 -0.27 ...
## $ tGravityAcc.max...Z : num 0.4694 0.3319 0.0097 -0.0629 -0.0465 ...
## $ tGravityAcc.min...X : num -0.236 0.843 0.961 0.947 0.936 ...
## $ tGravityAcc.min...Y : num 0.692 0.205 -0.248 -0.26 -0.256 ...
## $ tGravityAcc.min...Z : num 0.41387 0.32184 0.00938 -0.07849 -0.0863 ...
## $ tGravityAcc.sma... : num 0.248 0.225 -0.244 -0.142 -0.206 ...
## $ tGravityAcc.energy...X : num -0.907 0.575 0.846 0.826 0.817 ...
## $ tGravityAcc.energy...Y : num 0.165 -0.88 -0.862 -0.864 -0.879 ...
## $ tGravityAcc.energy...Z : num -0.32 -0.779 -0.995 -0.986 -0.988 ...
## $ tGravityAcc.iqr...X : num -0.906 -0.972 -0.994 -0.978 -0.953 ...
```

```

## $ tGravityAcc.iqr...Y : num -0.916 -0.944 -0.981 -0.973 -0.941 ...
## $ tGravityAcc.iqr...Z : num -0.863 -0.954 -0.978 -0.955 -0.907 ...
## $ tGravityAcc.entropy...X : num -0.518 -0.686 -0.886 -0.667 -0.445 ...
## $ tGravityAcc.entropy...Y : num -0.554 -0.489 -1 -1 -1 ...
## $ tGravityAcc.entropy...Z : num -0.58 -0.626 -0.852 -0.993 -0.98 ...
## $ tGravityAcc.arCoeff...X.1 : num -0.594 -0.53 -0.383 -0.298 -0.571 ...
## $ tGravityAcc.arCoeff...X.2 : num 0.609 0.543 0.404 0.383 0.63 ...
## $ tGravityAcc.arCoeff...X.3 : num -0.625 -0.555 -0.425 -0.464 -0.688 ...
## $ tGravityAcc.arCoeff...X.4 : num 0.64 0.568 0.447 0.543 0.745 ...
## $ tGravityAcc.arCoeff...Y.1 : num -0.3854 -0.4613 -0.394 0.0308 -0.2103 ...
## $ tGravityAcc.arCoeff...Y.2 : num 0.3503 0.414 0.3507 0.0226 0.2307 ...
## $ tGravityAcc.arCoeff...Y.3 : num -0.356 -0.401 -0.347 -0.147 -0.307 ...
## $ tGravityAcc.arCoeff...Y.4 : num 0.378 0.404 0.36 0.296 0.403 ...
## $ tGravityAcc.arCoeff...Z.1 : num -0.542 -0.449 -0.393 -0.251 -0.204 ...
## $ tGravityAcc.arCoeff...Z.2 : num 0.557 0.467 0.408 0.275 0.223 ...
## $ tGravityAcc.arCoeff...Z.3 : num -0.571 -0.484 -0.424 -0.297 -0.241 ...
## $ tGravityAcc.arCoeff...Z.4 : num 0.583 0.498 0.436 0.314 0.256 ...
## $ tGravityAcc.correlation...X.Y : num -0.0846 -0.7392 0.4726 0.3214 0.2295 ...
## $ tGravityAcc.correlation...X.Z : num -0.0781 -0.4975 0.1378 -0.0401 -0.2974 ...
## $ tGravityAcc.correlation...Y.Z : num -0.209 0.301 0.47 0.281 0.101 ...
## $ tBodyAccJerk.mad...X : num -0.96363 -0.98773 -0.99478 -0.1022 -0.00217 ...
## $ tBodyAccJerk.mad...Y : num -0.9337 -0.9808 -0.9841 0.0859 -0.0851 ...
## $ tBodyAccJerk.mad...Z : num -0.959 -0.987 -0.991 -0.468 -0.316 ...
## $ tBodyAccJerk.max...X : num -0.957 -0.986 -0.994 -0.291 -0.17 ...
## $ tBodyAccJerk.max...Y : num -0.944 -0.988 -0.99 -0.314 -0.388 ...
## $ tBodyAccJerk.max...Z : num -0.958 -0.988 -0.992 -0.672 -0.486 ...
## $ tBodyAccJerk.min...X : num 0.948 0.984 0.992 -0.03 -0.061 ...
## $ tBodyAccJerk.min...Y : num 0.9266 0.9841 0.9895 0.0992 0.2839 ...
## $ tBodyAccJerk.min...Z : num 0.93 0.985 0.989 0.434 0.348 ...
## $ tBodyAccJerk.sma.. : num -0.9536 -0.9872 -0.9926 -0.1257 -0.0774 ...
## $ tBodyAccJerk.energy...X : num -0.996 -0.999 -1 -0.6 -0.505 ...
## $ tBodyAccJerk.energy...Y : num -0.983 -0.999 -1 -0.42 -0.581 ...
## $ tBodyAccJerk.energy...Z : num -0.995 -1 -1 -0.869 -0.773 ...
## $ tBodyAccJerk.iqr...X : num -0.9692 -0.989 -0.9936 -0.0685 0.0339 ...
## $ tBodyAccJerk.iqr...Y : num -0.958 -0.984 -0.984 -0.128 -0.252 ...
## $ tBodyAccJerk.iqr...Z : num -0.967 -0.988 -0.99 -0.452 -0.344 ...
## $ tBodyAccJerk.entropy...X : num -0.565 -0.74 -0.818 0.67 0.601 ...
## $ tBodyAccJerk.entropy...Y : num -0.603 -0.768 -0.752 0.635 0.596 ...
## $ tBodyAccJerk.entropy...Z : num -0.608 -0.751 -0.784 0.559 0.59 ...
## $ tBodyAccJerk.arCoeff...X.1 : num 0.0481 0.1976 0.2736 -0.317 -0.3626 ...
## $ tBodyAccJerk.arCoeff...X.2 : num 0.178 0.195 0.157 0.294 0.241 ...
## $ tBodyAccJerk.arCoeff...X.3 : num 0.08419 0.2403 0.26327 0.11896 0.00448 ...
## $ tBodyAccJerk.arCoeff...X.4 : num 0.1577 0.1547 0.2504 -0.0221 -0.1606 ...
## $ tBodyAccJerk.arCoeff...Y.1 : num 0.15 0.205 0.167 -0.276 -0.215 ...
## $ tBodyAccJerk.arCoeff...Y.2 : num 0.0328 0.0562 0.0293 0.1841 0.1801 ...
## $ tBodyAccJerk.arCoeff...Y.3 : num 0.229 0.281 0.194 0.12 0.124 ...
## $ tBodyAccJerk.arCoeff...Y.4 : num 0.345 0.323 0.424 0.435 0.319 ...
## $ tBodyAccJerk.arCoeff...Z.1 : num 0.143 0.1799 0.2236 -0.0837 0.0834 ...
## $ tBodyAccJerk.arCoeff...Z.2 : num -0.025 0.0472 0.0548 0.1861 0.2812 ...
## [list output truncated]
## - attr(*, "vars")=List of 1
## ..$ : symbol subject
## - attr(*, "drop")= logi TRUE

```



```
pander(head(smartphoneDatasetAverages), split.table = 80, style = 'rmarkdown')
```

Table 704: Table continues below

subject	ActivityName	tBodyAcc.mad...X	tBodyAcc.mad...Y
1	LAYING	-0.93211117	-0.840910589
1	SITTING	-0.97951458	-0.919658954
1	STANDING	-0.99614135	-0.971758757
1	WALKING	-0.34069902	0.061811080
1	WALKING_DOWNSTAIRS	-0.04411722	-0.107395631
1	WALKING_UPSTAIRS	-0.40283278	0.007676899

Table 705: Table continues below

tBodyAcc.mad...Z	tBodyAcc.max...X	tBodyAcc.max...Y
-0.8217700	-0.9062060	-0.50155399
-0.9388341	-0.9274782	-0.51735078
-0.9793175	-0.9392893	-0.56094062
-0.2501253	-0.1031247	-0.05572988
-0.2120401	0.3889697	-0.09528396
0.0359905	-0.1594485	-0.10268846

Table 706: Table continues below

tBodyAcc.max...Z	tBodyAcc.min...X	tBodyAcc.min...Y
-0.7025580	0.74306899	0.58489767
-0.7863673	0.82026505	0.68277578
-0.8128041	0.84894646	0.68499497
-0.2552877	0.11964841	-0.02122044
-0.3167494	0.01568141	-0.04372597
-0.1605097	0.23818244	0.14396100

Table 707: Table continues below

tBodyAcc.min...Z	tBodyAcc.sma..	tBodyAcc.energy...X
0.7577358	-0.842018280	-0.9835018
0.8221896	-0.945740773	-0.9975018
0.8377197	-0.984382640	-0.9999467
0.4374052	-0.125750239	-0.7394838
0.3045744	0.007998987	-0.4631248
0.4415539	-0.096812593	-0.7884759

tBodyAcc.energy... Y	tBodyAcc.energy... Z	tBodyAcc.iqr... X
----------------------	----------------------	-------------------

Table 708: Table continues below

tBodyAcc.energy... Y	tBodyAcc.energy... Z	tBodyAcc.iqr... X
-0.9480965	-0.9051668	-0.9398550
-0.9898636	-0.9868347	-0.9832279
-0.9993029	-0.9989566	-0.9962049
-0.7582110	-0.7477083	-0.4243014
-0.8128522	-0.7242915	-0.2247894
-0.8046602	-0.5658932	-0.4962244

Table 709: Table continues below

tBodyAcc.iqr... Y	tBodyAcc.iqr... Z	tBodyAcc.entropy... X
-0.8772040	-0.82321253	-0.3722307
-0.9320317	-0.94285470	-0.5940654
-0.9735164	-0.97859993	-0.6537325
-0.2993585	-0.25246647	0.3585656
-0.3989968	-0.20578724	0.2367034
-0.1920700	0.07219152	0.4311695

Table 710: Table continues below

tBodyAcc.entropy... Y	tBodyAcc.entropy... Z	tBodyAcc.arCoeff... X.1
-0.4911670	-0.401980046	0.04298785
-0.3993903	-0.521304053	0.15245585
-0.5626777	-0.589450454	0.29742441
0.4372342	0.042367505	-0.33495937
0.3761608	0.169733415	-0.39487858
0.3272780	-0.006474543	-0.52440043

Table 711: Table continues below

tBodyAcc.arCoeff... X.2	tBodyAcc.arCoeff... X.3
0.005230114	-0.03233075
-0.059416814	0.04103966
-0.145505504	0.11364183
0.348408026	-0.14918512
0.367594987	-0.31002598
0.438563589	-0.23977634

Table 712: Table continues below

tBodyAcc.arCoeff... X.4	tBodyAcc.arCoeff... Y.1
0.146565224	0.1760364
-0.004120594	0.1686773

tBodyAcc.arCoeff. . . X.4	tBodyAcc.arCoeff. . . Y.1
0.080701496	0.1853334
0.079940776	-0.1673599
0.276300964	-0.1214362
0.134340678	-0.3273971

Table 713: Table continues below

tBodyAcc.arCoeff. . . Y.2	tBodyAcc.arCoeff. . . Y.3
-0.1043183	0.18416567
-0.1291126	0.18512800
-0.1383467	0.19032210
0.1749647	0.16775547
0.1553329	0.08668247
0.2265896	0.04002441

Table 714: Table continues below

tBodyAcc.arCoeff. . . Y.4	tBodyAcc.arCoeff. . . Z.1
0.01050049	0.20911534
-0.11697624	0.25887896
-0.01577167	0.27988505
-0.05144678	-0.11890120
0.03767169	0.08037503
0.03678109	-0.46866860

Table 715: Table continues below

tBodyAcc.arCoeff. . . Z.2	tBodyAcc.arCoeff. . . Z.3
-0.12190814	0.090544313
-0.11714901	0.085076822
-0.12787673	0.116846826
0.16726373	0.002621202
0.08777778	0.029159833
0.30759539	-0.168581579

Table 716: Table continues below

tBodyAcc.arCoeff. . . Z.4	tBodyAcc.correlation. . . X.Y
0.002393976	-0.04089106
-0.022719591	-0.40286263
-0.103911304	0.12839875
-0.275173844	-0.14372190
-0.291398958	-0.45424312
0.013781655	-0.38736204

Table 717: Table continues below

tBodyAcc.correlation... X.Z	tBodyAcc.correlation... Y.Z
-0.009325204	-0.02336595
-0.201194423	0.11826186
-0.005432774	0.28831048
-0.191228477	0.38020121
-0.225544974	0.07568451
-0.177008077	0.16162811

Table 718: Table continues below

tGravityAcc.mad... X	tGravityAcc.mad... Y	tGravityAcc.mad... Z
-0.8992961	-0.9099388	-0.8549670
-0.9693410	-0.9376805	-0.9500701
-0.9938101	-0.9812112	-0.9770414
-0.9769474	-0.9717013	-0.9496565
-0.9514257	-0.9378718	-0.8979147
-0.9582450	-0.9538444	-0.9150716

Table 719: Table continues below

tGravityAcc.max... X	tGravityAcc.max... Y	tGravityAcc.max... Z
-0.2803737	0.6851135	0.469392976
0.7684527	0.1881734	0.331910236
0.8701221	-0.2883329	0.009700546
0.8689208	-0.2936115	-0.062886066
0.8758657	-0.2696104	-0.046482764
0.8345665	-0.3652606	-0.061189665

Table 720: Table continues below

tGravityAcc.min... X	tGravityAcc.min... Y	tGravityAcc.min... Z
-0.2361577	0.6921133	0.413874033
0.8433857	0.2053390	0.321842867
0.9611683	-0.2480249	0.009381415
0.9470067	-0.2600943	-0.078494017
0.9355633	-0.2555172	-0.086297714
0.8981125	-0.3439932	-0.094407806

Table 721: Table continues below

tGravityAcc.sma..	tGravityAcc.energy... X	tGravityAcc.energy... Y
0.24817269	-0.9074594	0.1645735
0.22533694	0.5746962	-0.8795340
-0.24389006	0.8461752	-0.8617612
-0.14176147	0.8259611	-0.8637802
-0.20632098	0.8174068	-0.8790048

tGravityAcc.sma..	tGravityAcc.energy... X	tGravityAcc.energy... Y
0.01413365	0.7193423	-0.7697150

Table 722: Table continues below

tGravityAcc.energy... Z	tGravityAcc.iqr... X	tGravityAcc.iqr... Y
-0.3199090	-0.9063836	-0.9156269
-0.7790821	-0.9719316	-0.9437355
-0.9948569	-0.9939784	-0.9812852
-0.9855503	-0.9775712	-0.9725789
-0.9876191	-0.9527157	-0.9409138
-0.9853006	-0.9619271	-0.9571509

Table 723: Table continues below

tGravityAcc.iqr... Z	tGravityAcc.entropy... X
-0.8625466	-0.5178317
-0.9537040	-0.6860086
-0.9783567	-0.8863281
-0.9549259	-0.6665531
-0.9072576	-0.4447591
-0.9242944	-0.2875238

Table 724: Table continues below

tGravityAcc.entropy... Y	tGravityAcc.entropy... Z
-0.5543984	-0.5801460
-0.4894243	-0.6264383
-1.0000000	-0.8521908
-1.0000000	-0.9925093
-1.0000000	-0.9804127
-1.0000000	-1.0000000

Table 725: Table continues below

tGravityAcc.arCoeff... X.1	tGravityAcc.arCoeff... X.2
-0.5936728	0.6091290
-0.5303114	0.5429455
-0.3832728	0.4043261
-0.2980462	0.3828239
-0.5713492	0.6304882
-0.6436913	0.6867823

Table 726: Table continues below

tGravityAcc.arCoeff. . . X.3	tGravityAcc.arCoeff. . . X.4
-0.6245765	0.6401484
-0.5554719	0.5680201
-0.4254214	0.4466577
-0.4644014	0.5426353
-0.6884779	0.7453184
-0.7291331	0.7707991

Table 727: Table continues below

tGravityAcc.arCoeff. . . Y.1	tGravityAcc.arCoeff. . . Y.2
-0.3853901	0.3503157
-0.4612740	0.4140068
-0.3939920	0.3506950
0.0308226	0.0225500
-0.2103374	0.2307304
-0.4969284	0.5203897

Table 728: Table continues below

tGravityAcc.arCoeff. . . Y.3	tGravityAcc.arCoeff. . . Y.4
-0.3555783	0.3782580
-0.4010792	0.4037347
-0.3466557	0.3599776
-0.1472684	0.2957570
-0.3065733	0.4031204
-0.5787715	0.6490695

Table 729: Table continues below

tGravityAcc.arCoeff. . . Z.1	tGravityAcc.arCoeff. . . Z.2
-0.5420241	0.5568121
-0.4490019	0.4666393
-0.3928909	0.4083910
-0.2508763	0.2749297
-0.2042952	0.2234360
-0.6870266	0.7006556

Table 730: Table continues below

tGravityAcc.arCoeff. . . Z.3	tGravityAcc.arCoeff. . . Z.4
-0.5712462	0.5825630
-0.4839871	0.4984202
-0.4237448	0.4364489
-0.2968023	0.3141364
-0.2413568	0.2558416

tGravityAcc.arCoeff. . . Z.3	tGravityAcc.arCoeff. . . Z.4
-0.7133233	0.7220187

Table 731: Table continues below

tGravityAcc.correlation. . . X.Y	tGravityAcc.correlation. . . X.Z
-0.08459196	-0.07809749
-0.73917827	-0.49745395
0.47257472	0.13784963
0.32142289	-0.04008333
0.22949434	-0.29744534
0.59938395	-0.37282873

Table 732: Table continues below

tGravityAcc.correlation. . . Y.Z	tBodyAccJerk.mad. . . X
-0.2091177	-0.963631469
0.3014193	-0.987729817
0.4698583	-0.994776982
0.2812603	-0.102204922
0.1013046	-0.002168423
-0.1780037	-0.428955457

Table 733: Table continues below

tBodyAccJerk.mad. . . Y	tBodyAccJerk.mad. . . Z	tBodyAccJerk.max. . . X
-0.93373280	-0.9592706	-0.9565454
-0.98080889	-0.9874534	-0.9857528
-0.98408542	-0.9913748	-0.9943054
0.08590901	-0.4675564	-0.2908758
-0.08510379	-0.3162824	-0.1696941
-0.33899924	-0.6775879	-0.6139677

Table 734: Table continues below

tBodyAccJerk.max. . . Y	tBodyAccJerk.max. . . Z	tBodyAccJerk.min. . . X
-0.9442716	-0.9580605	0.94774509
-0.9875569	-0.9884450	0.98395364
-0.9898829	-0.9916339	0.99245927
-0.3139741	-0.6724978	-0.03003246
-0.3884990	-0.4857193	-0.06103930
-0.6400117	-0.8072301	0.31241887

Table 735: Table continues below

tBodyAccJerk.min. . . Y	tBodyAccJerk.min. . . Z	tBodyAccJerk.sma..
0.9266072	0.9302030	-0.95358887
0.9840925	0.9847152	-0.98720677
0.9894923	0.9894274	-0.99258740
0.0991777	0.4339613	-0.12570995
0.2838570	0.3484437	-0.07736445
0.4860609	0.7013882	-0.45898796

Table 736: Table continues below

tBodyAccJerk.energy. . . X	tBodyAccJerk.energy. . . Y
-0.9961046	-0.9833744
-0.9994554	-0.9991868
-0.9999452	-0.9997299
-0.6002425	-0.4203958
-0.5050023	-0.5814447
-0.8426275	-0.7993123

Table 737: Table continues below

tBodyAccJerk.energy. . . Z	tBodyAccJerk.iqr. . . X	tBodyAccJerk.iqr. . . Y
-0.9945657	-0.96916741	-0.9584240
-0.9995623	-0.98902343	-0.9836275
-0.9998502	-0.99360623	-0.9837984
-0.8686611	-0.06845488	-0.1279251
-0.7734162	0.03392950	-0.2523412
-0.9526280	-0.37320836	-0.4256898

Table 738: Table continues below

tBodyAccJerk.iqr. . . Z	tBodyAccJerk.entropy. . . X
-0.9671317	-0.5648898
-0.9877271	-0.7404379
-0.9899750	-0.8179703
-0.4520597	0.6701692
-0.3444283	0.6006602
-0.6518156	0.5791127

Table 739: Table continues below

tBodyAccJerk.entropy. . . Y	tBodyAccJerk.entropy. . . Z
-0.6033536	-0.6081230
-0.7678416	-0.7511539
-0.7518649	-0.7835125
0.6354087	0.5588242
0.5960076	0.5899132

tBodyAccJerk.entropy... Y	tBodyAccJerk.entropy... Z
0.5532759	0.3840775

Table 740: Table continues below

tBodyAccJerk.arCoeff... X.1	tBodyAccJerk.arCoeff... X.2
0.04806876	0.1780201
0.19758090	0.1951483
0.27363003	0.1567542
-0.31701486	0.2941894
-0.36256129	0.2410871
-0.45983058	0.2352777

Table 741: Table continues below

tBodyAccJerk.arCoeff... X.3	tBodyAccJerk.arCoeff... X.4
0.084193144	0.1577279
0.240299444	0.1546680
0.263266077	0.2504107
0.118957118	-0.0221305
0.004481283	-0.1605919
0.075341999	-0.1660824

Table 742: Table continues below

tBodyAccJerk.arCoeff... Y.1	tBodyAccJerk.arCoeff... Y.2
0.1504213	0.03281382
0.2049490	0.05623699
0.1670493	0.02928544
-0.2755097	0.18413286
-0.2146633	0.18008640
-0.3684657	0.09956520

Table 743: Table continues below

tBodyAccJerk.arCoeff... Y.3	tBodyAccJerk.arCoeff... Y.4
0.22873536	0.3454073
0.28057755	0.3225941
0.19443601	0.4240109
0.11964226	0.4354656
0.12407152	0.3186118
0.08028114	0.1450331

Table 744: Table continues below

tBodyAccJerk.arCoeff. . . Z.1	tBodyAccJerk.arCoeff. . . Z.2
0.14295898	-0.02502642
0.17992617	0.04720967
0.22358065	0.05484808
-0.08370980	0.18610145
0.08343247	0.28117456
-0.40798456	0.04742565

Table 745: Table continues below

tBodyAccJerk.arCoeff. . . Z.3	tBodyAccJerk.arCoeff. . . Z.4
0.01432693	0.12751491
0.03201766	0.21750794
0.10730327	0.21095676
0.14940776	-0.03839233
0.15894791	0.18990840
-0.06272104	-0.30526422

Table 746: Table continues below

tBodyAccJerk.correlation. . . X.Y	tBodyAccJerk.correlation. . . X.Z
-0.04245357	0.1461746
-0.19177940	0.1599291
-0.08295162	0.1560326
-0.19130986	-0.3621062
-0.26008294	-0.3578387
-0.31129400	-0.1693776

Table 747: Table continues below

tBodyAccJerk.correlation. . . Y.Z	tBodyGyro.mad. . . X
-0.02201220	-0.9002609
0.01656442	-0.9809583
0.07443266	-0.9879369
0.49055492	-0.4973291
0.11603402	-0.4764148
0.31290970	-0.5507836

Table 748: Table continues below

tBodyGyro.mad. . . Y	tBodyGyro.mad. . . Z	tBodyGyro.max. . . X
-0.95821198	-0.9168894	-0.7801817
-0.97185443	-0.9440741	-0.8754239
-0.98832415	-0.9813625	-0.8737757
-0.08649614	-0.3713422	-0.4680432
-0.15928051	-0.1850247	-0.4664805

tBodyGyro.mad...Y	tBodyGyro.mad...Z	tBodyGyro.max...X
-0.01720822	-0.5309723	-0.4098683

Table 749: Table continues below

tBodyGyro.max...Y	tBodyGyro.max...Z	tBodyGyro.min...X
-0.9109539	-0.6745925	0.7084468
-0.9361427	-0.7292407	0.8198539
-0.9464916	-0.7494582	0.8400163
-0.3575682	-0.2716557	0.3279870
-0.3845627	-0.1670954	0.3529552
-0.4007862	-0.3233025	0.5854055

Table 750: Table continues below

tBodyGyro.min...Y	tBodyGyro.min...Z	tBodyGyro.sma..
0.8873412	0.77020356	-0.8792919
0.8939552	0.78285404	-0.9292634
0.9117687	0.81397251	-0.9755916
0.4439597	0.23891810	-0.1558465
0.3146856	-0.07883265	-0.0675193
0.3719378	0.42151589	-0.1405436

Table 751: Table continues below

tBodyGyro.energy...X	tBodyGyro.energy...Y	tBodyGyro.energy...Z
-0.9643197	-0.9943598	-0.9758361
-0.9967566	-0.9936743	-0.9805527
-0.9997844	-0.9992937	-0.9981563
-0.8631766	-0.5543509	-0.7977226
-0.7903365	-0.6081748	-0.6389919
-0.8343761	-0.4873433	-0.8774883

Table 752: Table continues below

tBodyGyro.iqr...X	tBodyGyro.iqr...Y	tBodyGyro.iqr...Z
-0.9336619	-0.97096374	-0.9405962
-0.9873663	-0.98494460	-0.9584043
-0.9893707	-0.98951219	-0.9843293
-0.5284705	-0.15791752	-0.4637319
-0.5018125	-0.23115893	-0.3503135
-0.5619129	-0.05348662	-0.6122871

Table 753: Table continues below

tBodyGyro.entropy... X	tBodyGyro.entropy... Y	tBodyGyro.entropy... Z
-0.2446240	-0.40846671	-0.1589754
-0.7193059	-0.57700512	-0.3073671
-0.3581497	-0.43261387	-0.4700053
0.2592242	0.00389538	0.3306114
0.2470139	0.18670198	0.3631209
0.1294998	0.07907992	0.2172943

Table 754: Table continues below

tBodyGyro.arCoeff... X.1	tBodyGyro.arCoeff... X.2
-0.07687025	0.01704794
0.10944161	-0.09204775
-0.05881315	-0.05457403
-0.36069119	0.28336076
-0.41189522	0.29618799
-0.50504786	0.32718253

Table 755: Table continues below

tBodyGyro.arCoeff... X.3	tBodyGyro.arCoeff... X.4
0.1905997	-0.03501599
0.2587339	-0.17624405
0.2743048	-0.05324967
0.2661756	-0.29886837
0.1314289	-0.27461675
0.1919801	-0.35679357

Table 756: Table continues below

tBodyGyro.arCoeff... Y.1	tBodyGyro.arCoeff... Y.2
-0.05703822	0.041213170
0.01632625	0.008601471
0.05712351	-0.093288294
-0.30838247	0.332334580
-0.05663254	0.134957722
-0.51006336	0.419752388

Table 757: Table continues below

tBodyGyro.arCoeff... Y.3	tBodyGyro.arCoeff... Y.4
-0.006613402	0.08947603
0.041453800	0.02031781
0.112829492	0.13861586
-0.225108977	0.19182497
-0.065591269	0.11550593

tBodyGyro.arCoeff. . . Y.3	tBodyGyro.arCoeff. . . Y.4
-0.181171540	0.04087486

Table 758: Table continues below

tBodyGyro.arCoeff. . . Z.1	tBodyGyro.arCoeff. . . Z.2
0.0599717	-0.08777096
0.1194011	-0.15331400
0.2108101	-0.21566889
-0.1935609	0.22265414
-0.2556778	0.26542554
-0.2933358	0.26671041

Table 759: Table continues below

tBodyGyro.arCoeff. . . Z.3	tBodyGyro.arCoeff. . . Z.4
0.07506247	0.05831145
0.11381816	0.03506431
0.17100238	0.09159661
-0.17202986	0.31253269
-0.21049517	0.30435250
-0.11683705	0.15020086

Table 760: Table continues below

tBodyGyro.correlation. . . X.Y	tBodyGyro.correlation. . . X.Z
-0.056377898	0.252542753
0.007677586	0.152511136
-0.026294700	-0.005127138
0.012969686	-0.063032931
-0.010104948	-0.191032660
-0.169734055	-0.364162676

Table 761: Table continues below

tBodyGyro.correlation. . . Y.Z	tBodyGyroJerk.mad. . . X
0.04403706	-0.9442482
-0.23337043	-0.9929650
-0.45989716	-0.9929755
0.10770237	-0.2180478
-0.28004233	-0.4845154
0.00374637	-0.6043355

Table 762: Table continues below

tBodyGyroJerk.mad. . . Y	tBodyGyroJerk.mad. . . Z	tBodyGyroJerk.max. . . X
-0.9743550	-0.9645410	-0.8947560
-0.9912176	-0.9897088	-0.9904723
-0.9956683	-0.9925782	-0.9927009
-0.3280241	-0.4029645	-0.2942974
-0.2730809	-0.2705162	-0.5230537
-0.6048723	-0.6121372	-0.6240613

Table 763: Table continues below

tBodyGyroJerk.max. . . Y	tBodyGyroJerk.max. . . Z	tBodyGyroJerk.min. . . X
-0.9675340	-0.9431307	0.8921296
-0.9895097	-0.9841178	0.9915565
-0.9949064	-0.9895764	0.9930772
-0.4285675	-0.4094326	0.3536942
-0.3903621	-0.2264322	0.5110383
-0.6735920	-0.6037766	0.6744383

Table 764: Table continues below

tBodyGyroJerk.min. . . Y	tBodyGyroJerk.min. . . Z	tBodyGyroJerk.sma..
0.9668706	0.9630758	-0.9647977
0.9920502	0.9891289	-0.9920426
0.9950945	0.9935781	-0.9949822
0.4215186	0.5802893	-0.3127430
0.3251766	0.4990784	-0.3278141
0.7076457	0.6963470	-0.6053038

Table 765: Table continues below

tBodyGyroJerk.energy. . . X	tBodyGyroJerk.energy. . . Y
-0.9817180	-0.9972689
-0.9996812	-0.9996254
-0.9999385	-0.9999675
-0.6816437	-0.7524622
-0.8622233	-0.6995352
-0.9232456	-0.9183592

Table 766: Table continues below

tBodyGyroJerk.energy. . . Z	tBodyGyroJerk.iqr. . . X
-0.9958013	-0.9706401
-0.9994259	-0.9954955
-0.9998987	-0.9929661
-0.8181353	-0.3197524
-0.7251920	-0.4964796

tBodyGyroJerk.energy... Z	tBodyGyroJerk.iqr... X
-0.9194542	-0.6010555

Table 767: Table continues below

tBodyGyroJerk.iqr... Y	tBodyGyroJerk.iqr... Z
-0.9820309	-0.9749177
-0.9944368	-0.9931478
-0.9960482	-0.9930978
-0.3555391	-0.4325687
-0.3118979	-0.3027897
-0.6065881	-0.6390506

Table 768: Table continues below

tBodyGyroJerk.entropy... X	tBodyGyroJerk.entropy... Y
-0.5337483	-0.5231753
-0.7667772	-0.6218793
-0.6596698	-0.6972130
0.6339959	0.6131644
0.5800647	0.6978608
0.5094591	0.5068394

Table 769: Table continues below

tBodyGyroJerk.entropy... Z	tBodyGyroJerk.arCoeff... X.1
-0.4939804	0.05755809
-0.6266356	0.27166046
-0.6093014	0.08082995
0.6073034	-0.24401458
0.6052032	-0.20729497
0.5665555	-0.27339298

Table 770: Table continues below

tBodyGyroJerk.arCoeff... X.2	tBodyGyroJerk.arCoeff... X.3
-0.04829237	0.1965256
-0.05225652	0.3797194
-0.14648476	0.1993470
0.10333722	0.2955189
0.14348697	0.1720449
0.10881790	0.1765596

Table 771: Table continues below

tBodyGyroJerk.arCoeff. . . X.4	tBodyGyroJerk.arCoeff. . . Y.1
0.1377094	0.01183212
0.1587657	0.08938639
0.1671408	0.10343256
0.2514680	-0.26332333
0.2023798	-0.02338134
0.2043630	-0.39479293

Table 772: Table continues below

tBodyGyroJerk.arCoeff. . . Y.2	tBodyGyroJerk.arCoeff. . . Y.3
0.16729282	0.14202830
0.18973173	0.22593149
0.04279012	0.15322977
0.33600748	0.06917033
0.29152263	0.15523578
0.28043105	0.13572779

Table 773: Table continues below

tBodyGyroJerk.arCoeff. . . Y.4	tBodyGyroJerk.arCoeff. . . Z.1
0.09577668	0.1914907
0.14767695	0.2660854
0.20245858	0.3003266
-0.07383286	-0.2124668
0.11853768	-0.2493752
-0.21724656	-0.2624044

Table 774: Table continues below

tBodyGyroJerk.arCoeff. . . Z.2	tBodyGyroJerk.arCoeff. . . Z.3
-0.07645285	0.22038479
-0.10382764	0.23861884
-0.12771451	0.18537343
0.22478886	-0.08450608
0.21772018	-0.04550625
0.20855125	-0.01212874

Table 775: Table continues below

tBodyGyroJerk.arCoeff. . . Z.4	tBodyGyroJerk.correlation. . . X.Y
-0.11228117	0.06825486
-0.04843378	-0.09938148
0.11913541	0.10645140
0.09525219	0.48278055
-0.03059537	0.37772385

tBodyGyroJerk.arCoeff. . . Z.4	tBodyGyroJerk.correlation. . . X.Y
0.06481649	0.31480308

Table 776: Table continues below

tBodyGyroJerk.correlation. . . X.Z	tBodyGyroJerk.correlation. . . Y.Z
-0.03878093	-0.094974300
0.11770855	0.002847985
-0.03748210	-0.228165476
-0.33459385	-0.071551364
-0.24153300	-0.251421071
-0.30190859	-0.240762605

Table 777: Table continues below

tBodyAccMag.mad..	tBodyAccMag.max..	tBodyAccMag.min..
-0.8101694	-0.82747922	-0.9473612
-0.9313857	-0.94243514	-0.9852757
-0.9828146	-0.98240300	-0.9931116
-0.2974258	-0.18562292	-0.7231983
-0.1001382	0.07052481	-0.6864485
-0.3882412	-0.28977188	-0.7666844

Table 778: Table continues below

tBodyAccMag.sma..	tBodyAccMag.energy..	tBodyAccMag.iqr..
-0.84192915	-0.9343487	-0.8233198
-0.94853679	-0.9891603	-0.9379448
-0.98427821	-0.9993357	-0.9811450
-0.13697118	-0.6059341	-0.3767658
0.02718829	-0.4216812	-0.2504970
-0.12992763	-0.6200956	-0.4523966

Table 779: Table continues below

tBodyAccMag.entropy..	tBodyAccMag.arCoeff..1
-0.3131750	0.03545197
-0.5657979	0.14584735
-0.6630201	0.19925257
0.8313323	0.08881873
0.8671834	-0.12089368
0.8036495	-0.33909830

Table 780: Table continues below

tBodyAccMag.arCoeff..2	tBodyAccMag.arCoeff..3
-0.04554509	0.03519635
-0.13525983	0.15324102
-0.18667025	0.24034954
-0.13399373	0.08856821
0.05326677	0.13907453
0.24879433	-0.13735975

Table 781: Table continues below

tBodyAccMag.arCoeff..4	tGravityAccMag.mad..	tGravityAccMag.max..
-0.02424775	-0.8101694	-0.82747922
-0.17159435	-0.9313857	-0.94243514
-0.24814202	-0.9828146	-0.98240300
0.08175130	-0.2974258	-0.18562292
-0.15330044	-0.1001382	0.07052481
0.09631390	-0.3882412	-0.28977188

Table 782: Table continues below

tGravityAccMag.min..	tGravityAccMag.sma..	tGravityAccMag.energy..
-0.9473612	-0.84192915	-0.9343487
-0.9852757	-0.94853679	-0.9891603
-0.9931116	-0.98427821	-0.9993357
-0.7231983	-0.13697118	-0.6059341
-0.6864485	0.02718829	-0.4216812
-0.7666844	-0.12992763	-0.6200956

Table 783: Table continues below

tGravityAccMag.iqr..	tGravityAccMag.entropy..
-0.8233198	-0.3131750
-0.9379448	-0.5657979
-0.9811450	-0.6630201
-0.3767658	0.8313323
-0.2504970	0.8671834
-0.4523966	0.8036495

Table 784: Table continues below

tGravityAccMag.arCoeff..1	tGravityAccMag.arCoeff..2
0.03545197	-0.04554509
0.14584735	-0.13525983
0.19925257	-0.18667025
0.08881873	-0.13399373
-0.12089368	0.05326677

tGravityAccMag.arCoeff..1	tGravityAccMag.arCoeff..2
-0.33909830	0.24879433

Table 785: Table continues below

tGravityAccMag.arCoeff..3	tGravityAccMag.arCoeff..4
0.03519635	-0.02424775
0.15324102	-0.17159435
0.24034954	-0.24814202
0.08856821	0.08175130
0.13907453	-0.15330044
-0.13735975	0.09631390

Table 786: Table continues below

tBodyAccJerkMag.mad..	tBodyAccJerkMag.max..	tBodyAccJerkMag.min..
-0.93581214	-0.93145621	-0.9762301
-0.98452462	-0.98424757	-0.9840637
-0.99359290	-0.99170628	-0.9871309
-0.12869637	-0.10356916	-0.4705203
-0.06114107	-0.08132189	-0.5292571
-0.52092394	-0.43633184	-0.5982944

Table 787: Table continues below

tBodyAccJerkMag.sma..	tBodyAccJerkMag.energy..
-0.95439626	-0.9915835
-0.98736420	-0.9993553
-0.99236779	-0.9998626
-0.14142881	-0.5953347
-0.08944748	-0.5469687
-0.46650345	-0.8494112

Table 788: Table continues below

tBodyAccJerkMag.iqr..	tBodyAccJerkMag.entropy..
-0.9580173	-0.6292466
-0.9863645	-0.7989282
-0.9942230	-0.8445074
-0.2810385	0.7694893
-0.1646940	0.8005103
-0.5956613	0.5785325

Table 789: Table continues below

tBodyAccJerkMag.arCoeff..1	tBodyAccJerkMag.arCoeff..2
0.23144186	-0.14578922
0.24920841	-0.23436722
0.33412037	-0.25640676
0.09475079	-0.10451412
-0.03415933	-0.05164543
-0.09511673	0.26200685

Table 790: Table continues below

tBodyAccJerkMag.arCoeff..3	tBodyAccJerkMag.arCoeff..4
-0.11161103	-0.07899093
-0.03083179	-0.06031373
-0.05495399	-0.12816310
-0.22493414	0.20417766
-0.01689147	0.11097135
-0.31699706	0.02280133

Table 791: Table continues below

tBodyGyroMag.mad..	tBodyGyroMag.max..	tBodyGyroMag.min..
-0.83451700	-0.8298188	-0.9096780
-0.92350725	-0.9520837	-0.9187667
-0.97584113	-0.9826250	-0.9766373
-0.06236237	-0.3506753	-0.5576393
-0.15534898	-0.2641137	-0.3717925
-0.04055823	-0.3191390	-0.5416978

Table 792: Table continues below

tBodyGyroMag.sma..	tBodyGyroMag.energy..	tBodyGyroMag.iqr..
-0.87475955	-0.9646336	-0.88047691
-0.93089249	-0.9897051	-0.91891681
-0.97649379	-0.9990393	-0.97611519
-0.16097955	-0.6116389	-0.04466918
-0.07574125	-0.5493533	-0.22008380
-0.12673559	-0.5723859	-0.05910046

Table 793: Table continues below

tBodyGyroMag.entropy..	tBodyGyroMag.arCoeff..1
0.02924497	-0.10763116
-0.18145531	0.08949033
-0.29544124	0.07840505
0.40487144	0.23797624
0.37259459	0.36714369

tBodyGyroMag.entropy..	tBodyGyroMag.arCoeff..1
0.38794284	-0.36502588

Table 794: Table continues below

tBodyGyroMag.arCoeff..2	tBodyGyroMag.arCoeff..3
0.007911827	-0.009417441
-0.171379818	0.166649814
-0.186654435	0.163825722
-0.230007313	0.165740730
-0.451662070	0.423461961
0.279921259	-0.049197680

Table 795: Table continues below

tBodyGyroMag.arCoeff..4	tBodyGyroJerkMag.mad..
0.08640855	-0.9481355
-0.11297332	-0.9887253
-0.03672864	-0.9952802
-0.18978924	-0.3618429
-0.29588380	-0.3716243
-0.09774661	-0.6641965

Table 796: Table continues below

tBodyGyroJerkMag.max..	tBodyGyroJerkMag.min..
-0.9338483	-0.9837098
-0.9894196	-0.9929035
-0.9942118	-0.9913425
-0.3312678	-0.5318855
-0.2815201	-0.4467973
-0.6578277	-0.6038820

Table 797: Table continues below

tBodyGyroJerkMag.sma..	tBodyGyroJerkMag.energy..
-0.9634610	-0.9938344
-0.9919763	-0.9996116
-0.9949668	-0.9999551
-0.2987037	-0.7458002
-0.2954638	-0.7357102
-0.5948829	-0.9192297

Table 798: Table continues below

tBodyGyroJerkMag.iqr..	tBodyGyroJerkMag.entropy..
-0.9634867	-0.4558073
-0.9898980	-0.7094877
-0.9956375	-0.7163922
-0.3622541	0.9177510
-0.4304080	0.8896726
-0.6700259	0.8395744

Table 799: Table continues below

tBodyGyroJerkMag.arCoeff..1	tBodyGyroJerkMag.arCoeff..2
0.3586679	-0.29063813
0.3537118	-0.37711160
0.4793992	-0.32011972
0.2843557	-0.13073781
0.4258421	-0.41359511
0.1839434	-0.05942833

Table 800: Table continues below

tBodyGyroJerkMag.arCoeff..3	tBodyGyroJerkMag.arCoeff..4
-0.039707980	-0.11107707
-0.001182209	-0.00177421
0.002191950	-0.28577784
-0.116305623	-0.18747154
-0.057998379	0.05726683
-0.140911849	-0.16356432

Table 801: Table continues below

fBodyAcc.mad... X	fBodyAcc.mad... Y	fBodyAcc.mad... Z
-0.93574144	-0.856260899	-0.8519192
-0.97889599	-0.943206733	-0.9517072
-0.99559671	-0.978165208	-0.9832195
-0.17202765	0.094650805	-0.2889015
0.07289958	-0.006524166	-0.2624054
-0.34428834	-0.130576928	-0.2636667

Table 802: Table continues below

fBodyAcc.max... X	fBodyAcc.max... Y	fBodyAcc.max... Z
-0.92343510	-0.85743161	-0.7930289
-0.97732192	-0.91609143	-0.9248872
-0.99640866	-0.97335798	-0.9721280
-0.52725251	-0.30590329	-0.2997035
-0.09918687	-0.42106736	-0.3105164

fBodyAcc.max. . . X	fBodyAcc.max. . . Y	fBodyAcc.max. . . Z
-0.36191312	-0.04335502	0.3047612

Table 803: Table continues below

fBodyAcc.min. . . X	fBodyAcc.min. . . Y	fBodyAcc.min. . . Z
-0.9645798	-0.9412312	-0.9470158
-0.9795532	-0.9489945	-0.9624612
-0.9953193	-0.9877670	-0.9898383
-0.7249964	-0.7226078	-0.8241520
-0.5663893	-0.7492015	-0.7620255
-0.7709280	-0.7947780	-0.8976861

Table 804: Table continues below

fBodyAcc.sma..	fBodyAcc.energy. . . X	fBodyAcc.energy. . . Y
-0.89158521	-0.9897356	-0.9319765
-0.96181319	-0.9983408	-0.9850843
-0.98873969	-0.9999590	-0.9987338
-0.03547449	-0.7392362	-0.3702795
0.09656391	-0.4631486	-0.5147193
-0.25895738	-0.7885199	-0.4924192

Table 805: Table continues below

fBodyAcc.energy. . . Z	fBodyAcc.iqr. . . X	fBodyAcc.iqr. . . Y
-0.9421188	-0.94834302	-0.9354206
-0.9879913	-0.98351573	-0.9767323
-0.9991007	-0.99330556	-0.9859882
-0.7166224	-0.15836619	-0.1852281
-0.6925961	0.03637357	-0.1334225
-0.5098080	-0.39041376	-0.4408503

Table 806: Table continues below

fBodyAcc.iqr. . . Z	fBodyAcc.entropy. . . X	fBodyAcc.entropy. . . Y
-0.9536027	-0.7066715	-0.6929238
-0.9798091	-0.8797242	-0.8079809
-0.9857957	-0.9851326	-0.8717285
-0.4689636	0.6294205	0.5876419
-0.3440136	0.7187189	0.5945783
-0.6837052	0.4420472	0.4177606

Table 807: Table continues below

fBodyAcc.entropy... Z	fBodyAcc.maxInds.X	fBodyAcc.maxInds.Y
-0.6440962	-0.7638710	-0.8173333
-0.8212339	-0.7954701	-0.9716312
-0.8757984	-0.7078515	-0.9094340
0.4394694	-0.7426146	-0.6378947
0.5593153	-0.7761685	-0.6816327
0.2455902	-0.8064516	-0.8012579

Table 808: Table continues below

fBodyAcc.maxInds.Z	fBodyAcc.skewness... X	fBodyAcc.kurtosis... X
-0.8538462	-0.065800898	-0.3650783
-0.8985270	-0.270834729	-0.5765751
-0.8824383	-0.496340033	-0.7988900
-0.9198381	-0.345909744	-0.7407595
-0.9246468	0.004943292	-0.3581660
-0.9230769	0.181692105	-0.1283688

Table 809: Table continues below

fBodyAcc.skewness... Y	fBodyAcc.kurtosis... Y	fBodyAcc.skewness... Z
-0.2532926	-0.52608129	-0.2758351
0.1758800	-0.06303877	-0.3152491
-0.2329204	-0.53268663	-0.3619938
-0.4008693	-0.76507381	-0.2508316
-0.4979847	-0.80778621	-0.3384393
0.1568642	-0.11615567	0.4726367

Table 810: Table continues below

fBodyAcc.kurtosis... Z	fBodyAcc.bandsEnergy... 1.8
-0.4853672	-0.9872843
-0.5143127	-0.9979327
-0.5557945	-0.9999583
-0.5338147	-0.7931194
-0.5640978	-0.4354079
0.2820412	-0.7603698

Table 811: Table continues below

fBodyAcc.bandsEnergy... 9.16	fBodyAcc.bandsEnergy... 17.24
-0.9976762	-0.9953485
-0.9996855	-0.9990174
-0.9999732	-0.9999316
-0.7809174	-0.3689556
-0.7124456	-0.4478219

fBodyAcc.bandsEnergy... 9.16	fBodyAcc.bandsEnergy... 17.24
-0.9186790	-0.7922985

Table 812: Table continues below

fBodyAcc.bandsEnergy... 25.32	fBodyAcc.bandsEnergy... 33.40
-0.9938769	-0.9962045
-0.9994447	-0.9992156
-0.9999009	-0.9999118
-0.6681426	-0.8367383
-0.4961651	-0.6982546
-0.8931763	-0.9323399

Table 813: Table continues below

fBodyAcc.bandsEnergy... 41.48	fBodyAcc.bandsEnergy... 49.56
-0.9968519	-0.9968434
-0.9991174	-0.9992440
-0.9999138	-0.9999436
-0.8230816	-0.8778689
-0.6641490	-0.7980321
-0.9235733	-0.9451035

Table 814: Table continues below

fBodyAcc.bandsEnergy... 57.64	fBodyAcc.bandsEnergy... 1.16
-0.9964651	-0.9891654
-0.9989115	-0.9982591
-0.9999739	-0.9999612
-0.9287484	-0.7703158
-0.7903131	-0.4645445
-0.9504819	-0.7847287

Table 815: Table continues below

fBodyAcc.bandsEnergy... 17.32	fBodyAcc.bandsEnergy... 33.48
-0.9941868	-0.9964622
-0.9989971	-0.9991939
-0.9999178	-0.9999276
-0.3594583	-0.8316329
-0.3757939	-0.6854826
-0.7898941	-0.9290683

Table 816: Table continues below

fBodyAcc.bandsEnergy... 49.64	fBodyAcc.bandsEnergy... 1.24
-0.9967166	-0.9896066
-0.9991326	-0.9983148
-0.9999538	-0.9999608
-0.8949224	-0.7417900
-0.7954449	-0.4633572
-0.9469062	-0.7852683

Table 817: Table continues below

fBodyAcc.bandsEnergy... 25.48	fBodyAcc.bandsEnergy... 1.8.1
-0.9939361	-0.9132222
-0.9992246	-0.9795867
-0.9999032	-0.9983638
-0.6821271	-0.6484280
-0.4890609	-0.6603970
-0.8896339	-0.4033196

Table 818: Table continues below

fBodyAcc.bandsEnergy... 9.16.1	fBodyAcc.bandsEnergy... 17.24.1
-0.9861262	-0.9949467
-0.9987483	-0.9988237
-0.9997769	-0.9997784
-0.3576428	-0.5798404
-0.6272106	-0.6507066
-0.8482673	-0.8784164

Table 819: Table continues below

fBodyAcc.bandsEnergy... 25.32.1	fBodyAcc.bandsEnergy... 33.40.1
-0.9883432	-0.9695501
-0.9986741	-0.9970546
-0.9997098	-0.9994166
-0.7633384	-0.6893480
-0.7329344	-0.7381454
-0.9033362	-0.8857545

Table 820: Table continues below

fBodyAcc.bandsEnergy... 41.48.1	fBodyAcc.bandsEnergy... 49.56.1
-0.9820553	-0.9623414
-0.9958254	-0.9939046
-0.9994298	-0.9993886
-0.6678350	-0.6713164
-0.7128865	-0.7750697

fBodyAcc.bandsEnergy... 41.48.1	fBodyAcc.bandsEnergy... 49.56.1
-0.8562082	-0.8786889

Table 821: Table continues below

fBodyAcc.bandsEnergy... 57.64.1	fBodyAcc.bandsEnergy... 1.16.1
-0.9844723	-0.9263861
-0.9918992	-0.9837311
-0.9994244	-0.9986481
-0.8374666	-0.4001599
-0.9041955	-0.5480128
-0.9206460	-0.4647536

Table 822: Table continues below

fBodyAcc.bandsEnergy... 17.32.1	fBodyAcc.bandsEnergy... 33.48.1
-0.9917553	-0.9708889
-0.9984876	-0.9962779
-0.9997095	-0.9993874
-0.5256044	-0.6455030
-0.5852935	-0.6984590
-0.8545819	-0.8613499

Table 823: Table continues below

fBodyAcc.bandsEnergy... 49.64.1	fBodyAcc.bandsEnergy... 1.24.1
-0.9704583	-0.9318355
-0.9928604	-0.9849261
-0.9993842	-0.9987269
-0.7307590	-0.3777084
-0.8222580	-0.5253285
-0.8924547	-0.4894023

Table 824: Table continues below

fBodyAcc.bandsEnergy... 25.48.1	fBodyAcc.bandsEnergy... 1.8.2
-0.9823412	-0.9303008
-0.9978826	-0.9849013
-0.9996161	-0.9989121
-0.7146510	-0.7381686
-0.7086311	-0.7755835
-0.8853738	-0.3851093

Table 825: Table continues below

fBodyAcc.bandsEnergy... 9.16.2	fBodyAcc.bandsEnergy... 17.24.2
-0.9859060	-0.9980479
-0.9987282	-0.9993453
-0.9997534	-0.9997999
-0.8858250	-0.8174615
-0.8285852	-0.7336840
-0.9553417	-0.9535204

Table 826: Table continues below

fBodyAcc.bandsEnergy... 25.32.2	fBodyAcc.bandsEnergy... 33.40.2
-0.9979330	-0.9949395
-0.9994000	-0.9989036
-0.9998261	-0.9997649
-0.9154489	-0.9447720
-0.8051013	-0.8620320
-0.9808488	-0.9832160

Table 827: Table continues below

fBodyAcc.bandsEnergy... 41.48.2	fBodyAcc.bandsEnergy... 49.56.2
-0.9870911	-0.9819113
-0.9976887	-0.9957484
-0.9995440	-0.9994906
-0.8760760	-0.8657000
-0.7515620	-0.7896905
-0.9618261	-0.9650173

Table 828: Table continues below

fBodyAcc.bandsEnergy... 57.64.2	fBodyAcc.bandsEnergy... 1.16.2
-0.9810401	-0.9397683
-0.9911154	-0.9875511
-0.9995205	-0.9990821
-0.9041153	-0.7539042
-0.8517412	-0.7653568
-0.9714209	-0.4940808

Table 829: Table continues below

fBodyAcc.bandsEnergy... 17.32.2	fBodyAcc.bandsEnergy... 33.48.2
-0.9980396	-0.9925846
-0.9993985	-0.9985556
-0.9998428	-0.9997365
-0.8529890	-0.9230291
-0.7595847	-0.8235511

fBodyAcc.bandsEnergy... 17.32.2	fBodyAcc.bandsEnergy... 33.48.2
-0.9634530	-0.9765067

Table 830: Table continues below

fBodyAcc.bandsEnergy... 49.64.2	fBodyAcc.bandsEnergy... 1.24.2
-0.9815053	-0.9415331
-0.9943323	-0.9878794
-0.9995044	-0.9990931
-0.8760844	-0.7247823
-0.8065147	-0.7184184
-0.9666487	-0.5025069

Table 831: Table continues below

fBodyAcc.bandsEnergy... 25.48.2	fBodyAccJerk.mad... X
-0.9964246	-0.95323929
-0.9991759	-0.98511925
-0.9998173	-0.99339736
-0.9176265	0.01872177
-0.8103776	0.12286892
-0.9796272	-0.35450401

Table 832: Table continues below

fBodyAccJerk.mad... Y	fBodyAccJerk.mad... Z	fBodyAccJerk.max... X
-0.9304323	-0.9568036	-0.9752261
-0.9826505	-0.9872156	-0.9895356
-0.9867699	-0.9916709	-0.9961425
0.0141932	-0.5059293	-0.2851062
-0.1252158	-0.3518174	-0.2875782
-0.3974591	-0.7018053	-0.5835640

Table 833: Table continues below

fBodyAccJerk.max... Y	fBodyAccJerk.max... Z	fBodyAccJerk.min... X
-0.946810974	-0.9656612	-0.9844682
-0.985096348	-0.9888625	-0.9896901
-0.989317848	-0.9922288	-0.9958380
0.004541403	-0.5730579	-0.7376273
-0.339690981	-0.4601479	-0.7086812
-0.488773794	-0.7584358	-0.8555113

Table 834: Table continues below

fBodyAccJerk.min. . . Y	fBodyAccJerk.min. . . Z	fBodyAccJerk.sma..
-0.9672748	-0.9705455	-0.93656285
-0.9896534	-0.9850071	-0.98458017
-0.9910935	-0.9858546	-0.99141478
-0.6506381	-0.7833361	-0.09062759
-0.7366601	-0.6718056	0.01472969
-0.8214015	-0.8724306	-0.44383860

Table 835: Table continues below

fBodyAccJerk.energy. . . X	fBodyAccJerk.energy. . . Y
-0.9961064	-0.9834041
-0.9994561	-0.9992022
-0.9999452	-0.9997310
-0.5996437	-0.4206677
-0.5045824	-0.5815838
-0.8424488	-0.7994429

Table 836: Table continues below

fBodyAccJerk.energy. . . Z	fBodyAccJerk.iqr. . . X	fBodyAccJerk.iqr. . . Y
-0.9945833	-0.9529067	-0.9415874
-0.9995699	-0.9849635	-0.9851741
-0.9998506	-0.9925597	-0.9883640
-0.8687256	-0.1064999	-0.3068448
-0.7734915	0.0905160	-0.2923193
-0.9526463	-0.4245868	-0.5418571

Table 837: Table continues below

fBodyAccJerk.iqr. . . Z	fBodyAccJerk.entropy. . . X
-0.9547821	-0.8448482
-0.9851976	-0.9570389
-0.9893112	-1.0000000
-0.5351169	0.6294895
-0.3632567	0.7218251
-0.7117774	0.3972909

Table 838: Table continues below

fBodyAccJerk.entropy. . . Y	fBodyAccJerk.entropy. . . Z
-0.8005118	-0.82864684
-0.9597208	-0.96761326
-0.9950023	-1.00000000
0.6547045	0.34420145
0.6125947	0.49239454

fBodyAccJerk.entropy... Y	fBodyAccJerk.entropy... Z
0.3887947	0.07514114

Table 839: Table continues below

fBodyAccJerk.maxInds.X	fBodyAccJerk.maxInds.Y
-0.2320000	-0.2592000
-0.1182979	-0.2434043
-0.1101887	-0.3200000
-0.3612632	-0.4585263
-0.5224490	-0.4024490
-0.6369811	-0.6966038

Table 840: Table continues below

fBodyAccJerk.maxInds.Z	fBodyAccJerk.skewness... X
-0.3112000	-0.5066258
-0.2212766	-0.4097051
-0.1207547	-0.5177485
-0.2471579	-0.1446579
-0.1673469	-0.3136842
-0.7600000	-0.2262546

Table 841: Table continues below

fBodyAccJerk.kurtosis... X	fBodyAccJerk.skewness... Y
-0.8428437	-0.5005657
-0.7648851	-0.4836771
-0.8407187	-0.5570120
-0.6257938	-0.1080720
-0.7290540	-0.4058334
-0.7003565	-0.2910811

Table 842: Table continues below

fBodyAccJerk.kurtosis... Y	fBodyAccJerk.skewness... Z
-0.8796357	-0.5870873
-0.8556566	-0.5967979
-0.9119207	-0.5695311
-0.6152643	-0.3419586
-0.8501573	-0.3852569
-0.7636985	-0.3969061

Table 843: Table continues below

fBodyAccJerk.kurtosis... Z	fBodyAccJerk.bandsEnergy... 1.8
-0.8632942	-0.9985240
-0.8799132	-0.9997805
-0.8678681	-0.9999899
-0.7338552	-0.8207592
-0.7621969	-0.5966515
-0.7865458	-0.8407847

Table 844: Table continues below

fBodyAccJerk.bandsEnergy... 9.16	fBodyAccJerk.bandsEnergy... 17.24
-0.9977596	-0.9960555
-0.9997178	-0.9992136
-0.9999727	-0.9999347
-0.7546017	-0.4271980
-0.7306866	-0.4728378
-0.9172132	-0.8133301

Table 845: Table continues below

fBodyAccJerk.bandsEnergy... 25.32	fBodyAccJerk.bandsEnergy... 33.40
-0.9943353	-0.9969586
-0.9996033	-0.9995051
-0.9998974	-0.9999123
-0.6673959	-0.8509754
-0.5379413	-0.7534584
-0.9081909	-0.9432277

Table 846: Table continues below

fBodyAccJerk.bandsEnergy... 41.48	fBodyAccJerk.bandsEnergy... 49.56
-0.9973905	-0.9977340
-0.9995257	-0.9997069
-0.9998978	-0.9999231
-0.7904480	-0.8473816
-0.6793909	-0.8301353
-0.9214666	-0.9536931

Table 847: Table continues below

fBodyAccJerk.bandsEnergy... 57.64	fBodyAccJerk.bandsEnergy... 1.16
-0.9997972	-0.9979056
-0.9997677	-0.9997224
-0.9999867	-0.9999794
-0.9665562	-0.7626004
-0.9614574	-0.6471430

fBodyAccJerk.bandsEnergy... 57.64	fBodyAccJerk.bandsEnergy... 1.16
-0.9895429	-0.8757947

Table 848: Table continues below

fBodyAccJerk.bandsEnergy... 17.32	fBodyAccJerk.bandsEnergy... 33.48
-0.9943888	-0.9968970
-0.9992120	-0.9994861
-0.9999135	-0.9999128
-0.3991690	-0.8136738
-0.3784517	-0.7024676
-0.8114962	-0.9295598

Table 849: Table continues below

fBodyAccJerk.bandsEnergy... 49.64	fBodyAccJerk.bandsEnergy... 1.24
-0.9977341	-0.9968131
-0.9996671	-0.9994802
-0.9999219	-0.9999631
-0.8435591	-0.5898445
-0.8256258	-0.5151824
-0.9524734	-0.8289207

Table 850: Table continues below

fBodyAccJerk.bandsEnergy... 25.48	fBodyAccJerk.bandsEnergy... 1.8.1
-0.9937447	-0.9608459
-0.9993739	-0.9989897
-0.9998777	-0.9997885
-0.6292478	-0.7014629
-0.4589435	-0.6934974
-0.8848956	-0.5870257

Table 851: Table continues below

fBodyAccJerk.bandsEnergy... 9.16.1	fBodyAccJerk.bandsEnergy... 17.24.1
-0.9910523	-0.9955194
-0.9994134	-0.9992594
-0.9998444	-0.9997703
-0.3970838	-0.5164553
-0.6844172	-0.5942168
-0.8586759	-0.8604962

Table 852: Table continues below

fBodyAccJerk.bandsEnergy... 25.32.1	fBodyAccJerk.bandsEnergy... 33.40.1
-0.9909073	-0.9771664
-0.9996931	-0.9994325
-0.9997818	-0.9996284
-0.7762726	-0.7505874
-0.7443305	-0.7735775
-0.9111173	-0.9157345

Table 853: Table continues below

fBodyAccJerk.bandsEnergy... 41.48.1	fBodyAccJerk.bandsEnergy... 49.56.1
-0.9846656	-0.9712729
-0.9992103	-0.9997062
-0.9995898	-0.9997263
-0.6623615	-0.7474661
-0.6877676	-0.8148412
-0.8665273	-0.9222878

Table 854: Table continues below

fBodyAccJerk.bandsEnergy... 57.64.1	fBodyAccJerk.bandsEnergy... 1.16.1
-0.9980884	-0.9826724
-0.9999352	-0.9992370
-0.9999478	-0.9998159
-0.9196634	-0.3829384
-0.9407126	-0.6416378
-0.9760759	-0.7745964

Table 855: Table continues below

fBodyAccJerk.bandsEnergy... 17.32.1	fBodyAccJerk.bandsEnergy... 33.48.1
-0.9924526	-0.9749225
-0.9993239	-0.9992484
-0.9997386	-0.9995698
-0.5416793	-0.6529472
-0.5833631	-0.6825006
-0.8563058	-0.8744926

Table 856: Table continues below

fBodyAccJerk.bandsEnergy... 49.64.1	fBodyAccJerk.bandsEnergy... 1.24.1
-0.9746597	-0.9854256
-0.9997391	-0.9991209
-0.9997583	-0.9997670
-0.7691929	-0.3382463
-0.8307240	-0.5606562

fBodyAccJerk.bandsEnergy... 49.64.1	fBodyAccJerk.bandsEnergy... 1.24.1
-0.9290772	-0.7746218

Table 857: Table continues below

fBodyAccJerk.bandsEnergy... 25.48.1	fBodyAccJerk.bandsEnergy... 1.8.2
-0.9846370	-0.9795454
-0.9995394	-0.9977472
-0.9997191	-0.9998128
-0.7256835	-0.8739266
-0.7170495	-0.9045908
-0.8958075	-0.8084024

Table 858: Table continues below

fBodyAccJerk.bandsEnergy... 9.16.2	fBodyAccJerk.bandsEnergy... 17.24.2
-0.9906347	-0.9985319
-0.9994809	-0.9997660
-0.9997847	-0.9998366
-0.8809250	-0.8235887
-0.8048144	-0.7319300
-0.9521591	-0.9577000

Table 859: Table continues below

fBodyAccJerk.bandsEnergy... 25.32.2	fBodyAccJerk.bandsEnergy... 33.40.2
-0.9985628	-0.9968051
-0.9997800	-0.9997064
-0.9998470	-0.9998102
-0.9181139	-0.9523466
-0.8111513	-0.8809039
-0.9826765	-0.9853250

Table 860: Table continues below

fBodyAccJerk.bandsEnergy... 41.48.2	fBodyAccJerk.bandsEnergy... 49.56.2
-0.9914364	-0.9832265
-0.9994937	-0.9995361
-0.9996696	-0.9995502
-0.8871184	-0.8436982
-0.7646908	-0.7454550
-0.9636543	-0.9635252

Table 861: Table continues below

fBodyAccJerk.bandsEnergy... 57.64.2	fBodyAccJerk.bandsEnergy... 1.16.2
-0.9982833	-0.9847572
-0.9998254	-0.9987893
-0.9998132	-0.9997826
-0.9496113	-0.8533825
-0.8791880	-0.7991462
-0.9835915	-0.8910687

Table 862: Table continues below

fBodyAccJerk.bandsEnergy... 17.32.2	fBodyAccJerk.bandsEnergy... 33.48.2
-0.9985765	-0.9949764
-0.9998023	-0.9996304
-0.9998712	-0.9997630
-0.8698324	-0.9294466
-0.7706897	-0.8378068
-0.9699408	-0.9777998

Table 863: Table continues below

fBodyAccJerk.bandsEnergy... 49.64.2	fBodyAccJerk.bandsEnergy... 1.24.2
-0.9838882	-0.9922768
-0.9995404	-0.9993441
-0.9995524	-0.9998329
-0.8459199	-0.8141406
-0.7446349	-0.7272801
-0.9635117	-0.9227556

Table 864: Table continues below

fBodyAccJerk.bandsEnergy... 25.48.2	fBodyGyro.mad... X
-0.9971799	-0.8533402
-0.9997474	-0.9776835
-0.9998401	-0.9864458
-0.9225912	-0.3682801
-0.8216472	-0.3960680
-0.9807865	-0.4997398

Table 865: Table continues below

fBodyGyro.mad... Y	fBodyGyro.mad... Z	fBodyGyro.max... X
-0.9546090	-0.90767530	-0.8943432
-0.9730484	-0.94930973	-0.9768642
-0.9896970	-0.98113844	-0.9872347
-0.1450288	-0.29193071	-0.5505177
-0.1935692	-0.05611646	-0.4622356

fBodyGyro.mad. . . Y	fBodyGyro.mad. . . Z	fBodyGyro.max. . . X
-0.2454333	-0.44641413	-0.5380787

Table 866: Table continues below

fBodyGyro.max. . . Y	fBodyGyro.max. . . Z	fBodyGyro.min. . . X
-0.9629820	-0.9330828	-0.9259028
-0.9684882	-0.9502253	-0.9845655
-0.9882245	-0.9850372	-0.9954453
-0.2415127	-0.6170280	-0.8884559
-0.3972422	-0.4343102	-0.8582808
0.2681946	-0.7266516	-0.9006387

Table 867: Table continues below

fBodyGyro.min. . . Y	fBodyGyro.min. . . Z	fBodyGyro.sma..
-0.9750025	-0.9568903	-0.90237593
-0.9848988	-0.9541175	-0.96953204
-0.9903857	-0.9860472	-0.98641394
-0.6930770	-0.8057102	-0.16782930
-0.6624799	-0.7754364	-0.09701272
-0.8241473	-0.8867619	-0.37108686

Table 868: Table continues below

fBodyGyro.energy. . . X	fBodyGyro.energy. . . Y	fBodyGyro.energy. . . Z
-0.9649420	-0.9948907	-0.9861949
-0.9981308	-0.9942752	-0.9929133
-0.9998409	-0.9998016	-0.9994438
-0.8590649	-0.5492390	-0.7816626
-0.8305013	-0.6119821	-0.6102791
-0.8799275	-0.4911571	-0.8719148

Table 869: Table continues below

fBodyGyro.iqr. . . X	fBodyGyro.iqr. . . Y	fBodyGyro.iqr. . . Z
-0.9110112	-0.9569886	-0.93644427
-0.9870995	-0.9875090	-0.97839513
-0.9914504	-0.9934151	-0.98890730
-0.3363607	-0.2434215	-0.35679338
-0.3654908	-0.1586969	-0.08162665
-0.5475100	-0.5015666	-0.49709244

Table 870: Table continues below

fBodyGyro.entropy... X	fBodyGyro.entropy... Y	fBodyGyro.entropy... Z
-0.5229729	-0.6149830	-0.5491439
-0.8010887	-0.7420728	-0.6834964
-0.7473070	-0.7689988	-0.7760667
0.5558923	0.7188579	0.5413516
0.5334831	0.7878759	0.6199339
0.4040008	0.5587276	0.4005691

Table 871: Table continues below

fBodyGyro.maxInds.X	fBodyGyro.maxInds.Y	fBodyGyro.maxInds.Z
-0.8760000	-0.9019355	-0.9696552
-0.8964539	-0.9148936	-0.9911959
-0.9182390	-0.8855752	-0.8802863
-0.3719298	-0.7792869	-0.6341198
-0.9197279	-0.8564845	-0.7522871
-0.8578616	-0.9354839	-0.8256344

Table 872: Table continues below

fBodyGyro.skewness... X	fBodyGyro.kurtosis... X
-0.1780861	-0.4686227
-0.2519808	-0.5253399
-0.1680748	-0.5097683
-0.2864037	-0.6258456
-0.1764747	-0.4543340
-0.1135742	-0.4079926

Table 873: Table continues below

fBodyGyro.skewness... Y	fBodyGyro.kurtosis... Y
-0.06489623	-0.3829740
-0.15971649	-0.5146210
-0.24769257	-0.6016066
-0.22119138	-0.6259255
-0.44151055	-0.7861640
0.49596030	0.2867791

Table 874: Table continues below

fBodyGyro.skewness... Z	fBodyGyro.kurtosis... Z
-0.05925932	-0.3707452
0.09161627	-0.2162528
-0.31511172	-0.6224829
-0.38249179	-0.7156141
-0.29900505	-0.6302684

fBodyGyro.skewness... Z	fBodyGyro.kurtosis... Z
-0.44195656	-0.7801476

Table 875: Table continues below

fBodyGyro.bandsEnergy... 1.8	fBodyGyro.bandsEnergy... 9.16
-0.9681661	-0.9694108
-0.9980475	-0.9997267
-0.9998429	-0.9999284
-0.9521085	-0.4559818
-0.8576697	-0.8104101
-0.8940281	-0.8769649

Table 876: Table continues below

fBodyGyro.bandsEnergy... 17.24	fBodyGyro.bandsEnergy... 25.32
-0.9863092	-0.9897104
-0.9996799	-0.9997711
-0.9999497	-0.9999622
-0.6982190	-0.9427608
-0.8461544	-0.9383740
-0.9330533	-0.9740367

Table 877: Table continues below

fBodyGyro.bandsEnergy... 33.40	fBodyGyro.bandsEnergy... 41.48
-0.9808054	-0.9781935
-0.9994907	-0.9993953
-0.9999324	-0.9999102
-0.9308505	-0.9061742
-0.9158383	-0.9083927
-0.9636581	-0.9585651

Table 878: Table continues below

fBodyGyro.bandsEnergy... 49.56	fBodyGyro.bandsEnergy... 57.64
-0.9763121	-0.9725660
-0.9991761	-0.9991539
-0.9999020	-0.9999245
-0.9305987	-0.9648468
-0.9236806	-0.9336095
-0.9603967	-0.9665481

Table 879: Table continues below

fBodyGyro.bandsEnergy... 1.16	fBodyGyro.bandsEnergy... 17.32
-0.9655680	-0.9847917
-0.9981225	-0.9996512
-0.9998419	-0.9999461
-0.8754482	-0.7339138
-0.8383352	-0.8511138
-0.8822803	-0.9355608

Table 880: Table continues below

fBodyGyro.bandsEnergy... 33.48	fBodyGyro.bandsEnergy... 49.64
-0.9778130	-0.9746545
-0.9994020	-0.9991663
-0.9999180	-0.9999120
-0.9138496	-0.9457530
-0.9043442	-0.9280740
-0.9579309	-0.9631186

Table 881: Table continues below

fBodyGyro.bandsEnergy... 1.24	fBodyGyro.bandsEnergy... 25.48
-0.9654115	-0.9861645
-0.9981376	-0.9996630
-0.9998422	-0.9999500
-0.8611125	-0.9337908
-0.8327108	-0.9278785
-0.8806455	-0.9691048

Table 882: Table continues below

fBodyGyro.bandsEnergy... 1.8.1	fBodyGyro.bandsEnergy... 9.16.1
-0.9947051	-0.9983642
-0.9901874	-0.9997574
-0.9997098	-0.9999567
-0.4586102	-0.9318743
-0.6154074	-0.9032415
-0.2020209	-0.9485038

Table 883: Table continues below

fBodyGyro.bandsEnergy... 17.24.1	fBodyGyro.bandsEnergy... 25.32.1
-0.9977716	-0.9985127
-0.9997993	-0.9999228
-0.9999857	-0.9999745
-0.8070904	-0.8465453
-0.8340458	-0.7516571

fBodyGyro.bandsEnergy... 17.24.1	fBodyGyro.bandsEnergy... 25.32.1
-0.9336654	-0.9688085

Table 884: Table continues below

fBodyGyro.bandsEnergy... 33.40.1	fBodyGyro.bandsEnergy... 41.48.1
-0.9991108	-0.9965341
-0.9998880	-0.9997681
-0.9999601	-0.9998831
-0.9164595	-0.8326821
-0.7923101	-0.6803189
-0.9781856	-0.9572815

Table 885: Table continues below

fBodyGyro.bandsEnergy... 49.56.1	fBodyGyro.bandsEnergy... 57.64.1
-0.9968637	-0.9975302
-0.9995953	-0.9996231
-0.9997804	-0.9997794
-0.8082130	-0.8936583
-0.7174428	-0.8917762
-0.9362617	-0.9555628

Table 886: Table continues below

fBodyGyro.bandsEnergy... 1.16.1	fBodyGyro.bandsEnergy... 17.32.1
-0.9953717	-0.9974653
-0.9932358	-0.9997891
-0.9997773	-0.9999792
-0.5911579	-0.7730722
-0.6781139	-0.7695766
-0.4292018	-0.9284973

Table 887: Table continues below

fBodyGyro.bandsEnergy... 33.48.1	fBodyGyro.bandsEnergy... 49.64.1
-0.9985729	-0.9967257
-0.9998627	-0.9995523
-0.9999443	-0.9997501
-0.8984006	-0.8191374
-0.7671884	-0.7545322
-0.9736699	-0.9359508

Table 888: Table continues below

fBodyGyro.bandsEnergy... 1.24.1	fBodyGyro.bandsEnergy... 25.48.1
-0.9946328	-0.9984168
-0.9936248	-0.9998985
-0.9997870	-0.9999635
-0.5277248	-0.8509095
-0.6214065	-0.7372692
-0.4382257	-0.9679148

Table 889: Table continues below

fBodyGyro.bandsEnergy... 1.8.2	fBodyGyro.bandsEnergy... 9.16.2
-0.9880327	-0.9944388
-0.9928250	-0.9994165
-0.9994913	-0.9998354
-0.8451110	-0.8586942
-0.7246288	-0.7478935
-0.9011641	-0.9306245

Table 890: Table continues below

fBodyGyro.bandsEnergy... 17.24.2	fBodyGyro.bandsEnergy... 25.32.2
-0.9970435	-0.9980043
-0.9995774	-0.9997113
-0.9999136	-0.9999165
-0.8780033	-0.9244339
-0.7518177	-0.8829034
-0.9367511	-0.9712110

Table 891: Table continues below

fBodyGyro.bandsEnergy... 33.40.2	fBodyGyro.bandsEnergy... 41.48.2
-0.9982128	-0.9965645
-0.9994771	-0.9988351
-0.9998752	-0.9997398
-0.9110970	-0.9017398
-0.8953176	-0.8636327
-0.9734925	-0.9648320

Table 892: Table continues below

fBodyGyro.bandsEnergy... 49.56.2	fBodyGyro.bandsEnergy... 57.64.2
-0.9922057	-0.9938101
-0.9976670	-0.9973620
-0.9994660	-0.9994918
-0.8935494	-0.9415065
-0.8710721	-0.9291458

fBodyGyro.bandsEnergy... 49.56.2	fBodyGyro.bandsEnergy... 57.64.2
-0.9593894	-0.9796621

Table 893: Table continues below

fBodyGyro.bandsEnergy... 1.16.2	fBodyGyro.bandsEnergy... 17.32.2
-0.9867535	-0.9962173
-0.9929803	-0.9994600
-0.9994629	-0.9998799
-0.8053078	-0.8470886
-0.6535663	-0.7066557
-0.8827311	-0.9257533

Table 894: Table continues below

fBodyGyro.bandsEnergy... 33.48.2	fBodyGyro.bandsEnergy... 49.64.2
-0.9977680	-0.9929035
-0.9993081	-0.9975346
-0.9998442	-0.9994775
-0.9082665	-0.9143997
-0.8864127	-0.8963208
-0.9710702	-0.9682035

Table 895: Table continues below

fBodyGyro.bandsEnergy... 1.24.2	fBodyGyro.bandsEnergy... 25.48.2
-0.9864204	-0.9979329
-0.9929584	-0.9995881
-0.9994556	-0.9998959
-0.7898329	-0.9194194
-0.6218498	-0.8839940
-0.8747858	-0.9711692

Table 896: Table continues below

fBodyAccMag.mad..	fBodyAccMag.max..	fBodyAccMag.min..
-0.82709156	-0.8151562	-0.9351469
-0.93913632	-0.9340357	-0.9466678
-0.98301947	-0.9845515	-0.9857847
-0.24128191	-0.6259353	-0.7460983
0.01523998	-0.4320158	-0.6688543
-0.32659315	-0.5560827	-0.8795116

Table 897: Table continues below

fBodyAccMag.sma..	fBodyAccMag.energy..	fBodyAccMag.iqr..
-0.86176765	-0.9177962	-0.9344150
-0.94778292	-0.9826289	-0.9781869
-0.98535636	-0.9991564	-0.9899554
-0.12862345	-0.6891312	-0.4154347
0.09658453	-0.4699991	-0.1457483
-0.35239594	-0.7658744	-0.4913448

Table 898: Table continues below

fBodyAccMag.entropy..	fBodyAccMag.maxInds	fBodyAccMag.skewness..
-0.6436069	-0.7337931	-0.2662463
-0.8363808	-0.8268525	-0.3739110
-0.9150009	-0.7683800	-0.4739434
0.5441659	-0.7444646	-0.5490767
0.6528181	-0.5679099	-0.4568287
0.4085541	-0.7800911	-0.2855997

Table 899: Table continues below

fBodyAccMag.kurtosis..	fBodyBodyAccJerkMag.mad..
-0.5083290	-0.928078752
-0.6081267	-0.982619722
-0.7139033	-0.990740054
-0.8350796	-0.042739345
-0.7391222	-0.004001386
-0.5962167	-0.447195783

Table 900: Table continues below

fBodyBodyAccJerkMag.max..	fBodyBodyAccJerkMag.min..
-0.9283772	-0.9608853
-0.9818425	-0.9838094
-0.9933872	-0.9891150
-0.2290054	-0.5178419
-0.2426685	-0.4088157
-0.6281504	-0.6896409

Table 901: Table continues below

fBodyBodyAccJerkMag.sma..	fBodyBodyAccJerkMag.energy..
-0.93330036	-0.9851435
-0.98526213	-0.9990586
-0.99254248	-0.9998848
-0.05711940	-0.5588509
0.02621849	-0.5106870

fBodyBodyAccJerkMag.sma..	fBodyBodyAccJerkMag.energy..
-0.44265216	-0.8569250

Table 902: Table continues below

fBodyBodyAccJerkMag.iqr..	fBodyBodyAccJerkMag.entropy..
-0.9482522	-0.8270531
-0.9870414	-0.9595897
-0.9912920	-0.9966584
-0.2219935	0.4782056
-0.1439582	0.5245508
-0.4772656	0.1930286

Table 903: Table continues below

fBodyBodyAccJerkMag.maxInds	fBodyBodyAccJerkMag.skewness..
-0.8355556	-0.3892077
-0.8169537	-0.4809422
-0.8784067	-0.5682180
-0.8907268	-0.1044194
-0.8937480	-0.1965650
-0.8873914	-0.3635797

Table 904: Table continues below

fBodyBodyAccJerkMag.kurtosis..	fBodyBodyGyroMag.mad..
-0.6737158	-0.8235538
-0.7505991	-0.9464133
-0.8327483	-0.9811028
-0.4780253	-0.2785706
-0.5393847	-0.3192209
-0.6868534	-0.1632036

Table 905: Table continues below

fBodyBodyGyroMag.max..	fBodyBodyGyroMag.min..
-0.8444810	-0.8943276
-0.9227275	-0.9519305
-0.9770746	-0.9861225
-0.3392300	-0.6794408
-0.4889929	-0.5684209
-0.2331877	-0.8269600

Table 906: Table continues below

fBodyBodyGyroMag.sma..	fBodyBodyGyroMag.energy..
-0.8621902	-0.9344745
-0.9584356	-0.9877750
-0.9846176	-0.9993098
-0.1992526	-0.6656557
-0.1857203	-0.6859500
-0.3259615	-0.6202411

Table 907: Table continues below

fBodyBodyGyroMag.iqr..	fBodyBodyGyroMag.entropy..
-0.8929952	-0.5157418
-0.9747347	-0.7087251
-0.9896208	-0.7681955
-0.2869483	0.6827668
-0.3448440	0.6802336
-0.3016438	0.5426704

Table 908: Table continues below

fBodyBodyGyroMag.maxInds	fBodyBodyGyroMag.skewness..
-0.9487179	-0.084338824
-0.9650846	-0.007757976
-0.9438800	-0.201169444
-0.8256410	-0.246856515
-0.7268446	-0.493999492
-0.8780842	-0.160914225

Table 909: Table continues below

fBodyBodyGyroMag.kurtosis..	fBodyBodyGyroJerkMag.mad..
-0.3915304	-0.9298067
-0.2844542	-0.9879884
-0.5144254	-0.9944237
-0.5408290	-0.3289896
-0.7715415	-0.2977704
-0.4962168	-0.6408444

Table 910: Table continues below

fBodyBodyGyroJerkMag.max..	fBodyBodyGyroJerkMag.min..
-0.9377540	-0.9730977
-0.9861011	-0.9922257
-0.9949012	-0.9938499
-0.3937528	-0.5931629
-0.5116245	-0.5294032

fBodyBodyGyroJerkMag.max..	fBodyBodyGyroJerkMag.min..
-0.7457105	-0.7822051

Table 911: Table continues below

fBodyBodyGyroJerkMag.sma..	fBodyBodyGyroJerkMag.energy..
-0.9423669	-0.9891302
-0.9897975	-0.9993870
-0.9948154	-0.9999560
-0.3193086	-0.7665591
-0.2819634	-0.7449599
-0.6346651	-0.9360200

Table 912: Table continues below

fBodyBodyGyroJerkMag.iqr..	fBodyBodyGyroJerkMag.entropy..
-0.9366498	-0.7209708
-0.9882867	-0.9366061
-0.9940676	-0.9567211
-0.2988463	0.5738279
-0.2843603	0.5869772
-0.6035512	0.3198930

Table 913: Table continues below

fBodyBodyGyroJerkMag.maxInds	fBodyBodyGyroJerkMag.skewness..
-0.9028571	-0.4232255
-0.8797703	-0.3839058
-0.8616352	-0.4557373
-0.8923977	-0.1349300
-0.8833819	-0.4277300
-0.8879904	-0.4385596

fBodyBodyGyroJerkMag.kurtosis..
-0.7073143
-0.6872528
-0.7132671
-0.4656628
-0.7705796
-0.7590598

Output

```
write.csv(smartphoneDataset, file = "smartphone_merged.csv"
          , row.names = FALSE, append = FALSE)
```

```
## Warning in write.csv(smartphoneDataset, file = "smartphone_merged.csv", :  
## attempt to set 'append' ignored
```

```
write.csv(smartphoneDatasetAverages, file = "smartphone_averages.csv"
          , row.names = FALSE, append = FALSE)
```

```
## Warning in write.csv(smartphoneDatasetAverages, file =  
## "smartphone_averages.csv", : attempt to set 'append' ignored
```