Codebook for final3

Autogenerated data summary from dataMaid

2018-04-22 18:51:03

# Data report overview

The dataset examined has the following dimensions:

|  |  |
| --- | --- |
| Feature | Result |
| Number of observations | 180 |
| Number of variables | 82 |

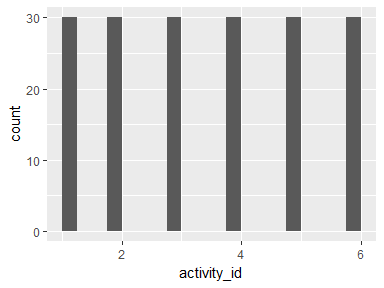
# Codebook summary table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Label | Variable | Class | # unique values | Missing |  |
|  | [**activity\_id**](#activity_id) | integer | 6 | 0.00 % |  |
|  | [**activity\_name**](#activity_name) | character | 6 | 0.00 % |  |
|  | [**subject\_id**](#subject_id) | integer | 30 | 0.00 % |  |
|  | [**timeBodyAccelerometer-mean()-X**](#timebodyaccelerometer-mean-x) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyAccelerometer-mean()-Y**](#timebodyaccelerometer-mean-y) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyAccelerometer-mean()-Z**](#timebodyaccelerometer-mean-z) | numeric | 180 | 0.00 % |  |
|  | [**timeGravityAccelerometer-mean()-X**](#timegravityaccelerometer-mean-x) | numeric | 180 | 0.00 % |  |
|  | [**timeGravityAccelerometer-mean()-Y**](#timegravityaccelerometer-mean-y) | numeric | 180 | 0.00 % |  |
|  | [**timeGravityAccelerometer-mean()-Z**](#timegravityaccelerometer-mean-z) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyAccelerometerJerk-mean()-X**](#timebodyaccelerometerjerk-mean-x) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyAccelerometerJerk-mean()-Y**](#timebodyaccelerometerjerk-mean-y) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyAccelerometerJerk-mean()-Z**](#timebodyaccelerometerjerk-mean-z) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscope-mean()-X**](#timebodygyroscope-mean-x) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscope-mean()-Y**](#timebodygyroscope-mean-y) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscope-mean()-Z**](#timebodygyroscope-mean-z) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscopeJerk-mean()-X**](#timebodygyroscopejerk-mean-x) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscopeJerk-mean()-Y**](#timebodygyroscopejerk-mean-y) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscopeJerk-mean()-Z**](#timebodygyroscopejerk-mean-z) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyAccelerometerMagnitude-mean()**](#timebodyaccelerometermagnitude-mean) | numeric | 180 | 0.00 % |  |
|  | [**timeGravityAccelerometerMagnitude-mean()**](#timegravityaccelerometermagnitude-mean) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyAccelerometerJerkMagnitude-mean()**](#timebodyaccelerometerjerkmagnitude-mean) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscopeMagnitude-mean()**](#timebodygyroscopemagnitude-mean) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscopeJerkMagnitude-mean()**](#timebodygyroscopejerkmagnitude-mean) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometer-mean()-X**](#frequencybodyaccelerometer-mean-x) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometer-mean()-Y**](#frequencybodyaccelerometer-mean-y) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometer-mean()-Z**](#frequencybodyaccelerometer-mean-z) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometer-meanFreq()-X**](#frequencybodyaccelerometer-meanfreq-x) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometer-meanFreq()-Y**](#frequencybodyaccelerometer-meanfreq-y) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometer-meanFreq()-Z**](#frequencybodyaccelerometer-meanfreq-z) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometerJerk-mean()-X**](#frequencybodyaccelerometerjerk-mean-x) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometerJerk-mean()-Y**](#frequencybodyaccelerometerjerk-mean-y) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometerJerk-mean()-Z**](#frequencybodyaccelerometerjerk-mean-z) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometerJerk-meanFreq()-X**](#frequencybodyaccelerometerjerk-meanfreq-x) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometerJerk-meanFreq()-Y**](#frequencybodyaccelerometerjerk-meanfreq-y) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometerJerk-meanFreq()-Z**](#frequencybodyaccelerometerjerk-meanfreq-z) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyGyroscope-mean()-X**](#frequencybodygyroscope-mean-x) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyGyroscope-mean()-Y**](#frequencybodygyroscope-mean-y) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyGyroscope-mean()-Z**](#frequencybodygyroscope-mean-z) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyGyroscope-meanFreq()-X**](#frequencybodygyroscope-meanfreq-x) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyGyroscope-meanFreq()-Y**](#frequencybodygyroscope-meanfreq-y) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyGyroscope-meanFreq()-Z**](#frequencybodygyroscope-meanfreq-z) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometerMagnitude-mean()**](#frequencybodyaccelerometermagnitude-mean) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometerMagnitude-meanFreq()**](#frequencybodyaccelerometermagnitude-meanfreq) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometerJerkMagnitude-mean()**](#frequencybodyaccelerometerjerkmagnitude-mean) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometerJerkMagnitude-meanFreq()**](#frequencybodyaccelerometerjerkmagnitude-meanfreq) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyGyroscopeMagnitude-mean()**](#frequencybodygyroscopemagnitude-mean) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyGyroscopeMagnitude-meanFreq()**](#frequencybodygyroscopemagnitude-meanfreq) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyGyroscopeJerkMagnitude-mean()**](#frequencybodygyroscopejerkmagnitude-mean) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyGyroscopeJerkMagnitude-meanFreq()**](#frequencybodygyroscopejerkmagnitude-meanfreq) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyAccelerometer-std()-X**](#timebodyaccelerometer-std-x) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyAccelerometer-std()-Y**](#timebodyaccelerometer-std-y) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyAccelerometer-std()-Z**](#timebodyaccelerometer-std-z) | numeric | 180 | 0.00 % |  |
|  | [**timeGravityAccelerometer-std()-X**](#timegravityaccelerometer-std-x) | numeric | 180 | 0.00 % |  |
|  | [**timeGravityAccelerometer-std()-Y**](#timegravityaccelerometer-std-y) | numeric | 180 | 0.00 % |  |
|  | [**timeGravityAccelerometer-std()-Z**](#timegravityaccelerometer-std-z) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyAccelerometerJerk-std()-X**](#timebodyaccelerometerjerk-std-x) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyAccelerometerJerk-std()-Y**](#timebodyaccelerometerjerk-std-y) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyAccelerometerJerk-std()-Z**](#timebodyaccelerometerjerk-std-z) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscope-std()-X**](#timebodygyroscope-std-x) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscope-std()-Y**](#timebodygyroscope-std-y) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscope-std()-Z**](#timebodygyroscope-std-z) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscopeJerk-std()-X**](#timebodygyroscopejerk-std-x) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscopeJerk-std()-Y**](#timebodygyroscopejerk-std-y) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscopeJerk-std()-Z**](#timebodygyroscopejerk-std-z) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyAccelerometerMagnitude-std()**](#timebodyaccelerometermagnitude-std) | numeric | 180 | 0.00 % |  |
|  | [**timeGravityAccelerometerMagnitude-std()**](#timegravityaccelerometermagnitude-std) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyAccelerometerJerkMagnitude-std()**](#timebodyaccelerometerjerkmagnitude-std) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscopeMagnitude-std()**](#timebodygyroscopemagnitude-std) | numeric | 180 | 0.00 % |  |
|  | [**timeBodyGyroscopeJerkMagnitude-std()**](#timebodygyroscopejerkmagnitude-std) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometer-std()-X**](#frequencybodyaccelerometer-std-x) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometer-std()-Y**](#frequencybodyaccelerometer-std-y) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometer-std()-Z**](#frequencybodyaccelerometer-std-z) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometerJerk-std()-X**](#frequencybodyaccelerometerjerk-std-x) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometerJerk-std()-Y**](#frequencybodyaccelerometerjerk-std-y) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometerJerk-std()-Z**](#frequencybodyaccelerometerjerk-std-z) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyGyroscope-std()-X**](#frequencybodygyroscope-std-x) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyGyroscope-std()-Y**](#frequencybodygyroscope-std-y) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyGyroscope-std()-Z**](#frequencybodygyroscope-std-z) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometerMagnitude-std()**](#frequencybodyaccelerometermagnitude-std) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyAccelerometerJerkMagnitude-std()**](#frequencybodyaccelerometerjerkmagnitude-std) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyGyroscopeMagnitude-std()**](#frequencybodygyroscopemagnitude-std) | numeric | 180 | 0.00 % |  |
|  | [**frequencyBodyGyroscopeJerkMagnitude-std()**](#frequencybodygyroscopejerkmagnitude-std) | numeric | 180 | 0.00 % |  |

# Variable list

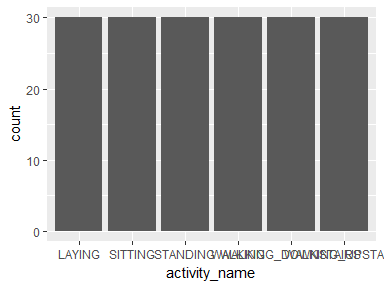
## activity\_id

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | integer |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 6 |
| Median | 3.5 |
| 1st and 3rd quartiles | 2; 5 |
| Min. and max. | 1; 6 |



## activity\_name

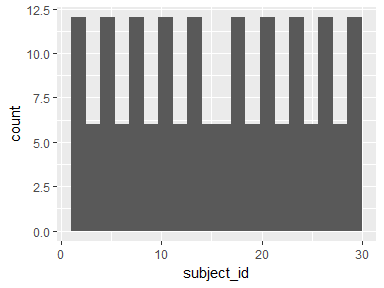
|  |  |
| --- | --- |
| Feature | Result |
| Variable type | character |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 6 |
| Mode | “LAYING” |



* Observed factor levels: "LAYING", "SITTING", "STANDING", "WALKING", "WALKING\_DOWNSTAIRS", "WALKING\_UPSTAIRS".

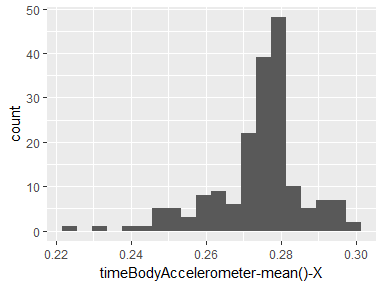
## subject\_id

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | integer |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 30 |
| Median | 15.5 |
| 1st and 3rd quartiles | 8; 23 |
| Min. and max. | 1; 30 |



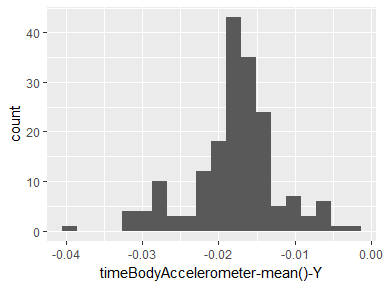
## timeBodyAccelerometer-mean()-X

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0.28 |
| 1st and 3rd quartiles | 0.27; 0.28 |
| Min. and max. | 0.22; 0.3 |



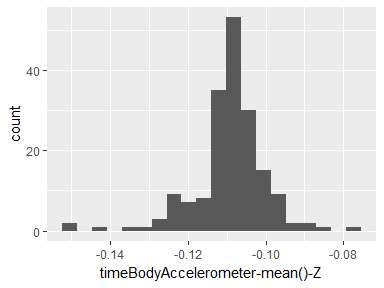
## timeBodyAccelerometer-mean()-Y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.02 |
| 1st and 3rd quartiles | -0.02; -0.01 |
| Min. and max. | -0.04; 0 |



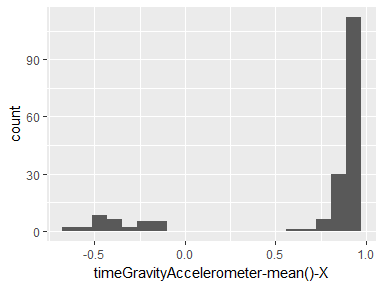
## timeBodyAccelerometer-mean()-Z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.11 |
| 1st and 3rd quartiles | -0.11; -0.1 |
| Min. and max. | -0.15; -0.08 |



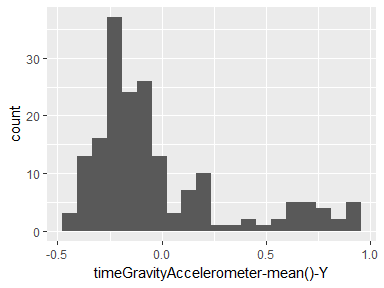
## timeGravityAccelerometer-mean()-X

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0.92 |
| 1st and 3rd quartiles | 0.84; 0.94 |
| Min. and max. | -0.68; 0.97 |



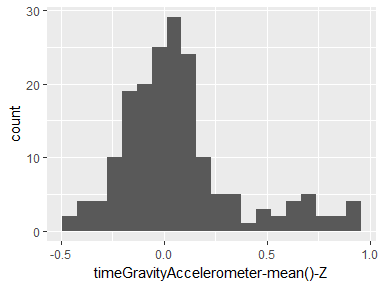
## timeGravityAccelerometer-mean()-Y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.13 |
| 1st and 3rd quartiles | -0.23; 0.09 |
| Min. and max. | -0.48; 0.96 |



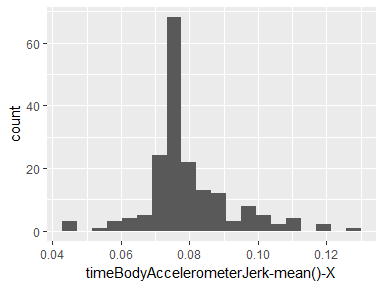
## timeGravityAccelerometer-mean()-Z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0.02 |
| 1st and 3rd quartiles | -0.12; 0.15 |
| Min. and max. | -0.5; 0.96 |



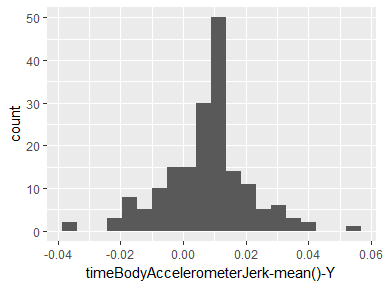
## timeBodyAccelerometerJerk-mean()-X

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0.08 |
| 1st and 3rd quartiles | 0.07; 0.08 |
| Min. and max. | 0.04; 0.13 |



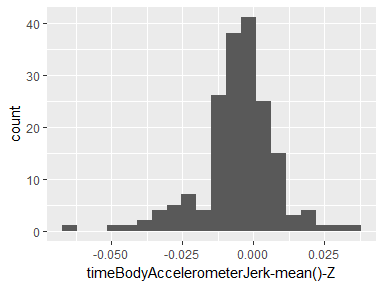
## timeBodyAccelerometerJerk-mean()-Y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0.01 |
| 1st and 3rd quartiles | 0; 0.01 |
| Min. and max. | -0.04; 0.06 |



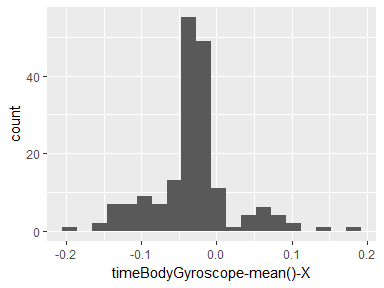
## timeBodyAccelerometerJerk-mean()-Z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0 |
| 1st and 3rd quartiles | -0.01; 0 |
| Min. and max. | -0.07; 0.04 |



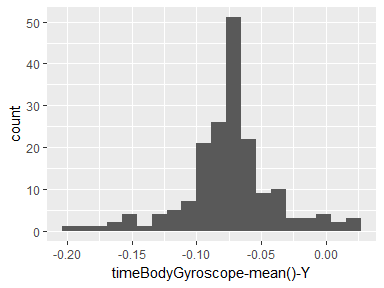
## timeBodyGyroscope-mean()-X

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.03 |
| 1st and 3rd quartiles | -0.05; -0.02 |
| Min. and max. | -0.21; 0.19 |



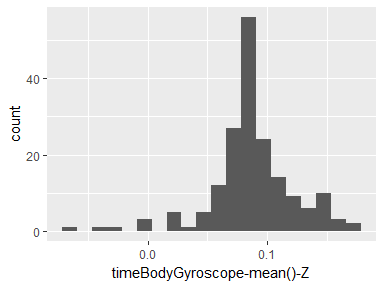
## timeBodyGyroscope-mean()-Y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.07 |
| 1st and 3rd quartiles | -0.09; -0.06 |
| Min. and max. | -0.2; 0.03 |



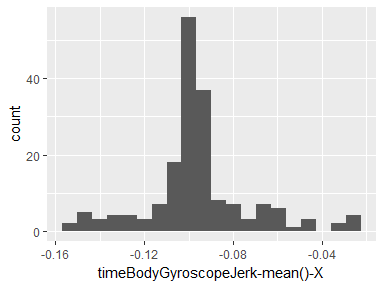
## timeBodyGyroscope-mean()-Z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0.09 |
| 1st and 3rd quartiles | 0.07; 0.1 |
| Min. and max. | -0.07; 0.18 |



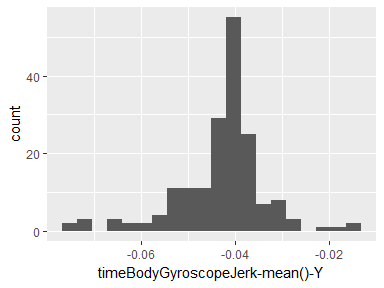
## timeBodyGyroscopeJerk-mean()-X

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.1 |
| 1st and 3rd quartiles | -0.1; -0.09 |
| Min. and max. | -0.16; -0.02 |



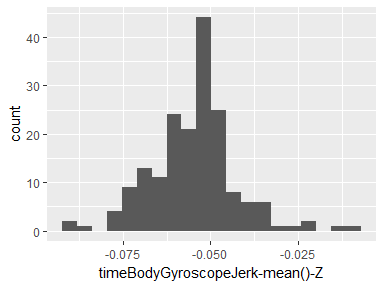
## timeBodyGyroscopeJerk-mean()-Y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.04 |
| 1st and 3rd quartiles | -0.05; -0.04 |
| Min. and max. | -0.08; -0.01 |



## timeBodyGyroscopeJerk-mean()-Z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.05 |
| 1st and 3rd quartiles | -0.06; -0.05 |
| Min. and max. | -0.09; -0.01 |



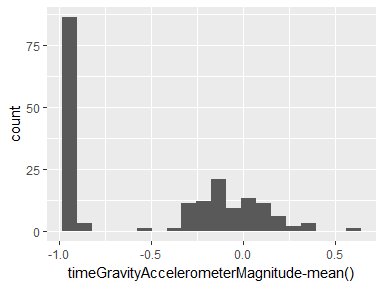
## timeBodyAccelerometerMagnitude-mean()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.48 |
| 1st and 3rd quartiles | -0.96; -0.09 |
| Min. and max. | -0.99; 0.64 |



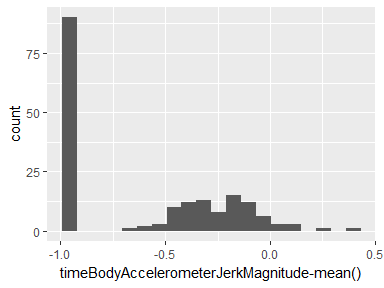
## timeGravityAccelerometerMagnitude-mean()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.48 |
| 1st and 3rd quartiles | -0.96; -0.09 |
| Min. and max. | -0.99; 0.64 |



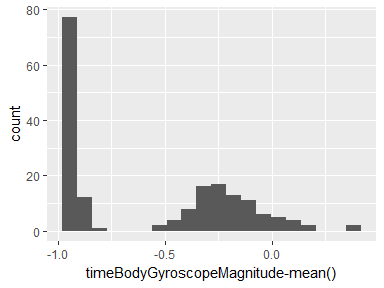
## timeBodyAccelerometerJerkMagnitude-mean()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.82 |
| 1st and 3rd quartiles | -0.98; -0.25 |
| Min. and max. | -0.99; 0.43 |



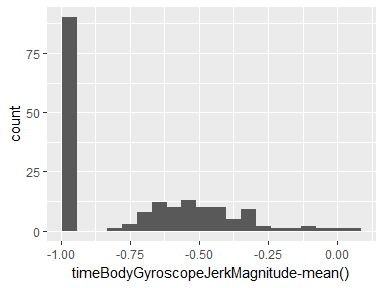
## timeBodyGyroscopeMagnitude-mean()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.66 |
| 1st and 3rd quartiles | -0.95; -0.22 |
| Min. and max. | -0.98; 0.42 |



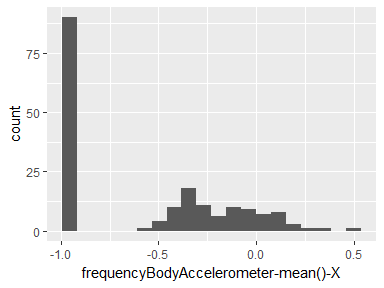
## timeBodyGyroscopeJerkMagnitude-mean()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.86 |
| 1st and 3rd quartiles | -0.99; -0.51 |
| Min. and max. | -1; 0.09 |



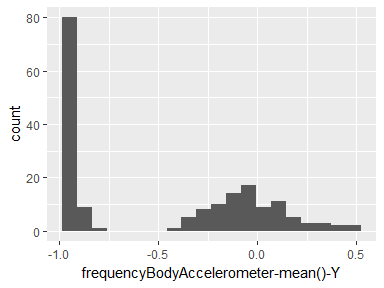
## frequencyBodyAccelerometer-mean()-X

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.77 |
| 1st and 3rd quartiles | -0.98; -0.22 |
| Min. and max. | -1; 0.54 |



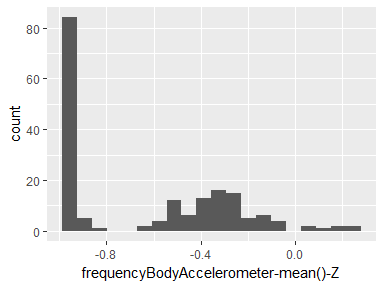
## frequencyBodyAccelerometer-mean()-Y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.59 |
| 1st and 3rd quartiles | -0.95; -0.06 |
| Min. and max. | -0.99; 0.52 |



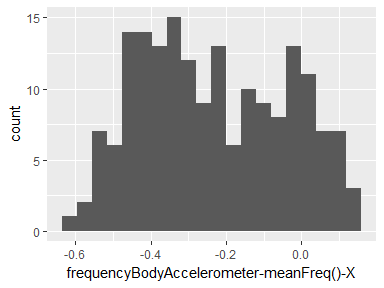
## frequencyBodyAccelerometer-mean()-Z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.72 |
| 1st and 3rd quartiles | -0.96; -0.32 |
| Min. and max. | -0.99; 0.28 |



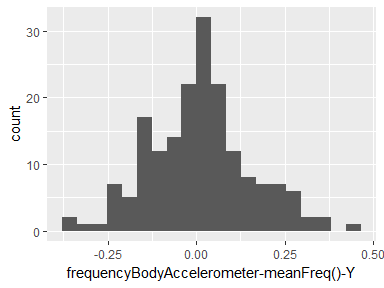
## frequencyBodyAccelerometer-meanFreq()-X

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.26 |
| 1st and 3rd quartiles | -0.39; -0.06 |
| Min. and max. | -0.64; 0.16 |



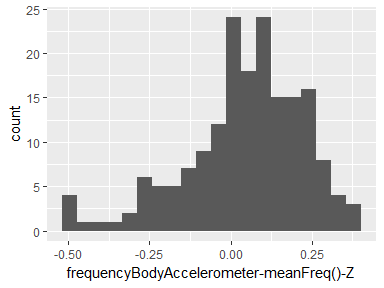
## frequencyBodyAccelerometer-meanFreq()-Y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0.01 |
| 1st and 3rd quartiles | -0.08; 0.09 |
| Min. and max. | -0.38; 0.47 |



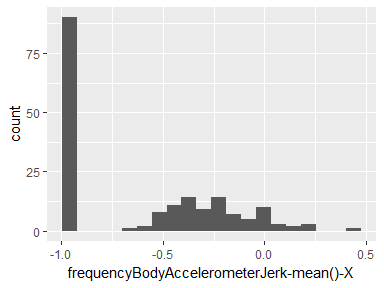
## frequencyBodyAccelerometer-meanFreq()-Z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0.07 |
| 1st and 3rd quartiles | -0.04; 0.18 |
| Min. and max. | -0.52; 0.4 |



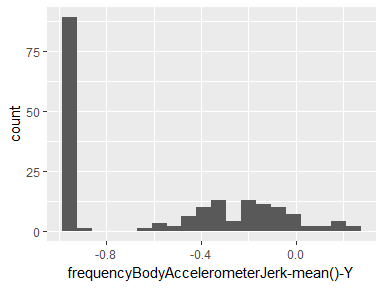
## frequencyBodyAccelerometerJerk-mean()-X

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.81 |
| 1st and 3rd quartiles | -0.98; -0.28 |
| Min. and max. | -0.99; 0.47 |



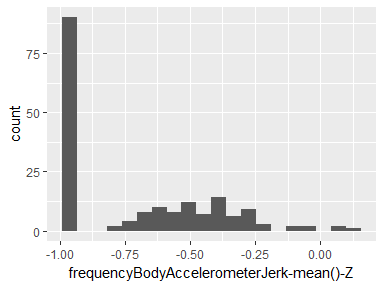
## frequencyBodyAccelerometerJerk-mean()-Y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.78 |
| 1st and 3rd quartiles | -0.97; -0.2 |
| Min. and max. | -0.99; 0.28 |



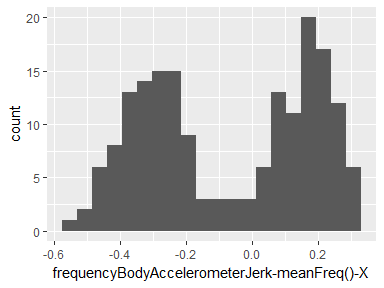
## frequencyBodyAccelerometerJerk-mean()-Z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.87 |
| 1st and 3rd quartiles | -0.98; -0.47 |
| Min. and max. | -0.99; 0.16 |



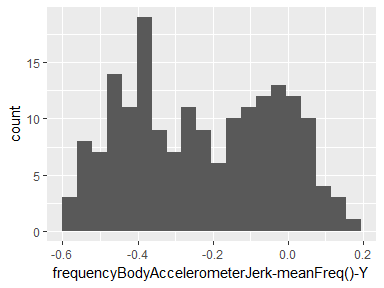
## frequencyBodyAccelerometerJerk-meanFreq()-X

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.06 |
| 1st and 3rd quartiles | -0.29; 0.18 |
| Min. and max. | -0.58; 0.33 |



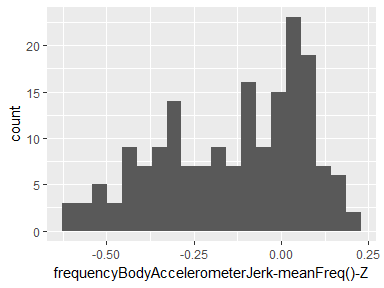
## frequencyBodyAccelerometerJerk-meanFreq()-Y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.23 |
| 1st and 3rd quartiles | -0.4; -0.05 |
| Min. and max. | -0.6; 0.2 |



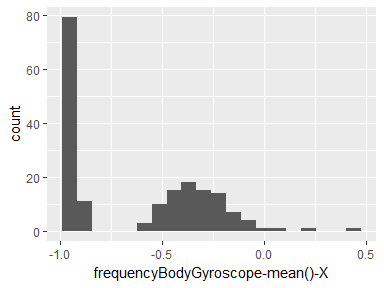
## frequencyBodyAccelerometerJerk-meanFreq()-Z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.09 |
| 1st and 3rd quartiles | -0.31; 0.04 |
| Min. and max. | -0.63; 0.23 |



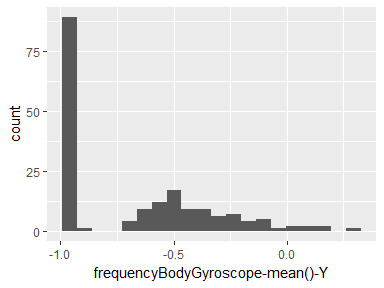
## frequencyBodyGyroscope-mean()-X

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.73 |
| 1st and 3rd quartiles | -0.97; -0.34 |
| Min. and max. | -0.99; 0.47 |



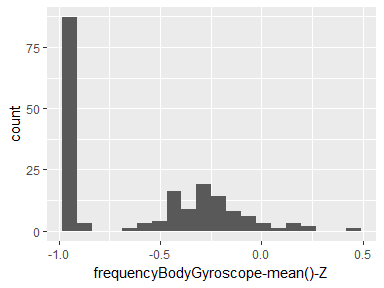
## frequencyBodyGyroscope-mean()-Y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.81 |
| 1st and 3rd quartiles | -0.97; -0.45 |
| Min. and max. | -0.99; 0.33 |



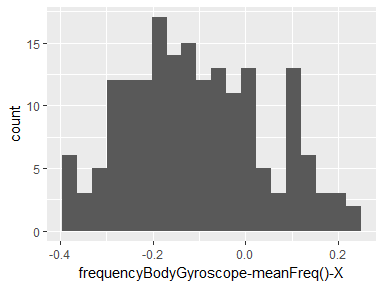
## frequencyBodyGyroscope-mean()-Z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.79 |
| 1st and 3rd quartiles | -0.96; -0.26 |
| Min. and max. | -0.99; 0.49 |



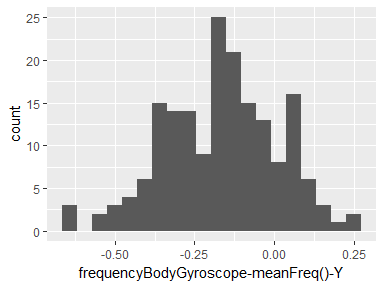
## frequencyBodyGyroscope-meanFreq()-X

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.12 |
| 1st and 3rd quartiles | -0.21; 0 |
| Min. and max. | -0.4; 0.25 |



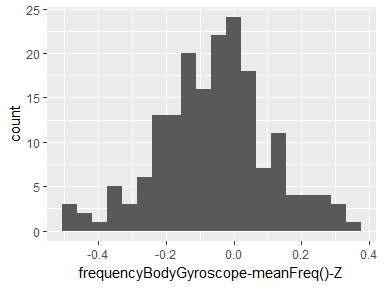
## frequencyBodyGyroscope-meanFreq()-Y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.16 |
| 1st and 3rd quartiles | -0.29; -0.04 |
| Min. and max. | -0.67; 0.27 |



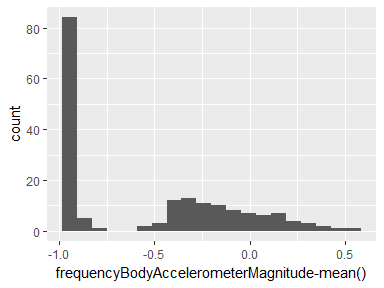
## frequencyBodyGyroscope-meanFreq()-Z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.05 |
| 1st and 3rd quartiles | -0.15; 0.04 |
| Min. and max. | -0.51; 0.38 |



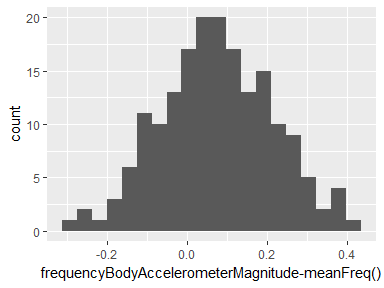
## frequencyBodyAccelerometerMagnitude-mean()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.67 |
| 1st and 3rd quartiles | -0.96; -0.16 |
| Min. and max. | -0.99; 0.59 |



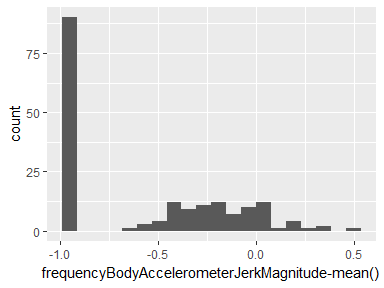
## frequencyBodyAccelerometerMagnitude-meanFreq()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0.08 |
| 1st and 3rd quartiles | -0.01; 0.17 |
| Min. and max. | -0.31; 0.44 |



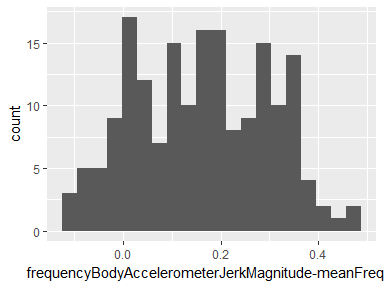
## frequencyBodyAccelerometerJerkMagnitude-mean()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.79 |
| 1st and 3rd quartiles | -0.98; -0.19 |
| Min. and max. | -0.99; 0.54 |



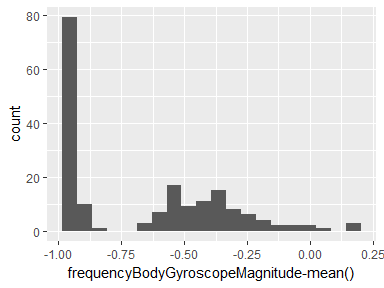
## frequencyBodyAccelerometerJerkMagnitude-meanFreq()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0.17 |
| 1st and 3rd quartiles | 0.05; 0.28 |
| Min. and max. | -0.13; 0.49 |



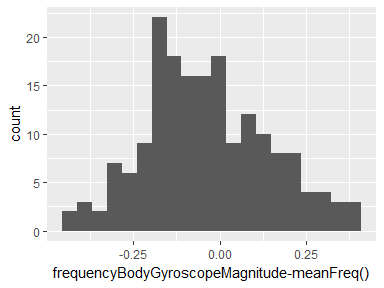
## frequencyBodyGyroscopeMagnitude-mean()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.77 |
| 1st and 3rd quartiles | -0.96; -0.41 |
| Min. and max. | -0.99; 0.2 |



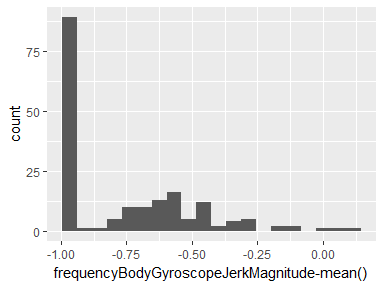
## frequencyBodyGyroscopeMagnitude-meanFreq()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.05 |
| 1st and 3rd quartiles | -0.17; 0.08 |
| Min. and max. | -0.46; 0.41 |



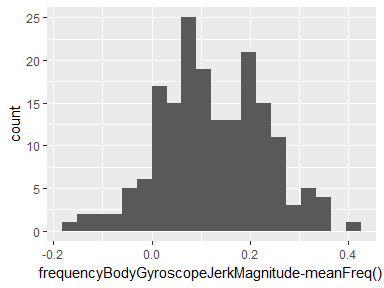
## frequencyBodyGyroscopeJerkMagnitude-mean()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.88 |
| 1st and 3rd quartiles | -0.98; -0.58 |
| Min. and max. | -1; 0.15 |



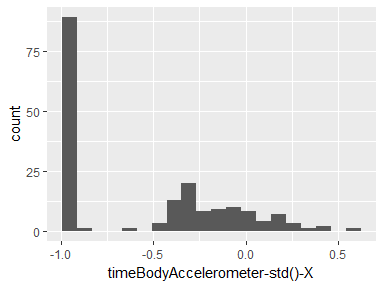
## frequencyBodyGyroscopeJerkMagnitude-meanFreq()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0.11 |
| 1st and 3rd quartiles | 0.05; 0.21 |
| Min. and max. | -0.18; 0.43 |



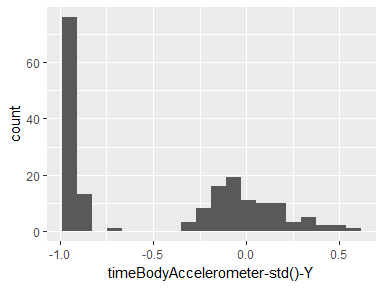
## timeBodyAccelerometer-std()-X

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.75 |
| 1st and 3rd quartiles | -0.98; -0.2 |
| Min. and max. | -1; 0.63 |



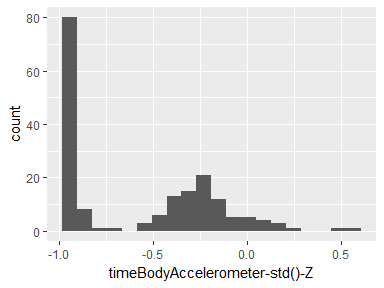
## timeBodyAccelerometer-std()-Y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.51 |
| 1st and 3rd quartiles | -0.94; -0.03 |
| Min. and max. | -0.99; 0.62 |



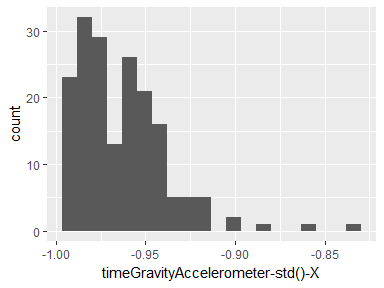
## timeBodyAccelerometer-std()-Z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.65 |
| 1st and 3rd quartiles | -0.95; -0.23 |
| Min. and max. | -0.99; 0.61 |



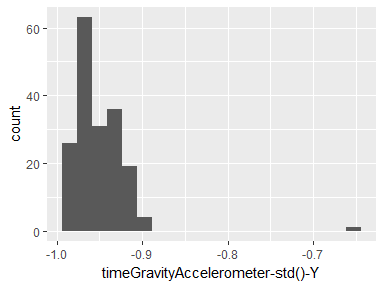
## timeGravityAccelerometer-std()-X

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.97 |
| 1st and 3rd quartiles | -0.98; -0.95 |
| Min. and max. | -1; -0.83 |



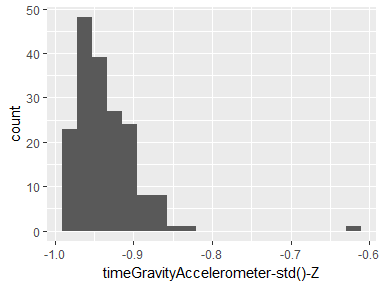
## timeGravityAccelerometer-std()-Y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.96 |
| 1st and 3rd quartiles | -0.97; -0.94 |
| Min. and max. | -0.99; -0.64 |



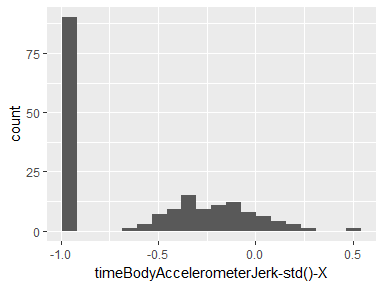
## timeGravityAccelerometer-std()-Z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.95 |
| 1st and 3rd quartiles | -0.96; -0.92 |
| Min. and max. | -0.99; -0.61 |



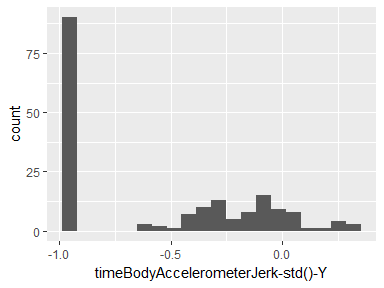
## timeBodyAccelerometerJerk-std()-X

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.81 |
| 1st and 3rd quartiles | -0.98; -0.22 |
| Min. and max. | -0.99; 0.54 |



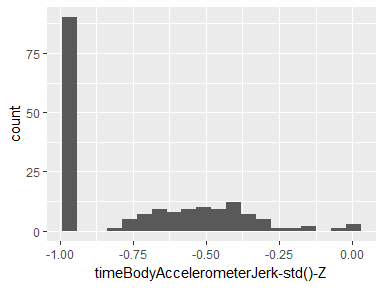
## timeBodyAccelerometerJerk-std()-Y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.78 |
| 1st and 3rd quartiles | -0.97; -0.15 |
| Min. and max. | -0.99; 0.36 |



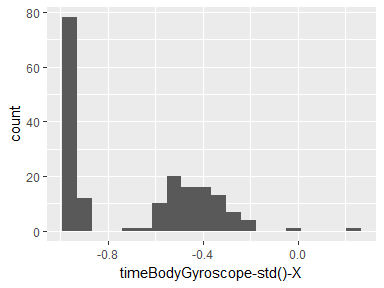
## timeBodyAccelerometerJerk-std()-Z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.88 |
| 1st and 3rd quartiles | -0.98; -0.51 |
| Min. and max. | -0.99; 0.03 |



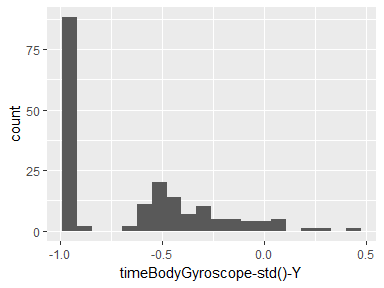
## timeBodyGyroscope-std()-X

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.79 |
| 1st and 3rd quartiles | -0.97; -0.44 |
| Min. and max. | -0.99; 0.27 |



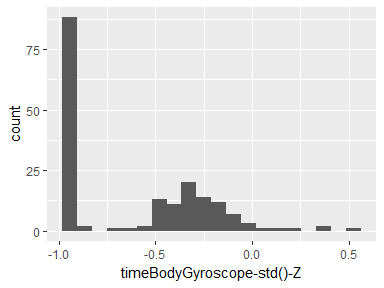
## timeBodyGyroscope-std()-Y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.8 |
| 1st and 3rd quartiles | -0.96; -0.42 |
| Min. and max. | -0.99; 0.48 |



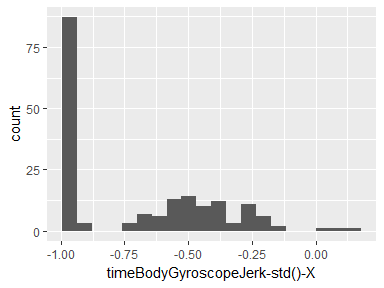
## timeBodyGyroscope-std()-Z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.8 |
| 1st and 3rd quartiles | -0.96; -0.31 |
| Min. and max. | -0.99; 0.56 |



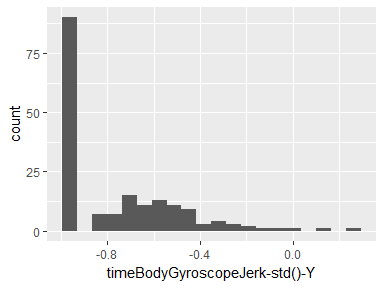
## timeBodyGyroscopeJerk-std()-X

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.84 |
| 1st and 3rd quartiles | -0.98; -0.46 |
| Min. and max. | -1; 0.18 |



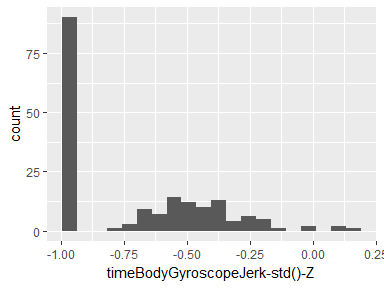
## timeBodyGyroscopeJerk-std()-Y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.89 |
| 1st and 3rd quartiles | -0.98; -0.59 |
| Min. and max. | -1; 0.3 |



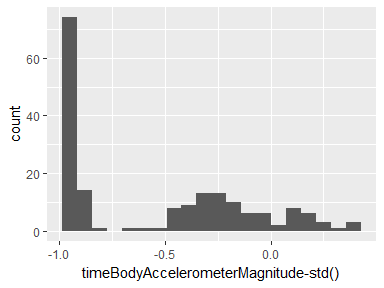
## timeBodyGyroscopeJerk-std()-Z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.86 |
| 1st and 3rd quartiles | -0.98; -0.47 |
| Min. and max. | -1; 0.19 |



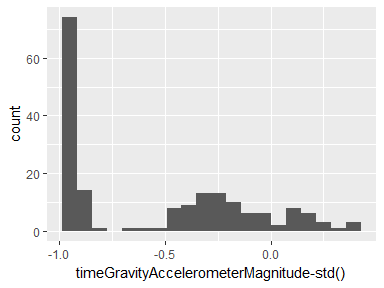
## timeBodyAccelerometerMagnitude-std()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.61 |
| 1st and 3rd quartiles | -0.94; -0.21 |
| Min. and max. | -0.99; 0.43 |



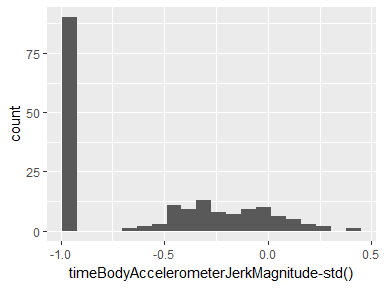
## timeGravityAccelerometerMagnitude-std()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.61 |
| 1st and 3rd quartiles | -0.94; -0.21 |
| Min. and max. | -0.99; 0.43 |



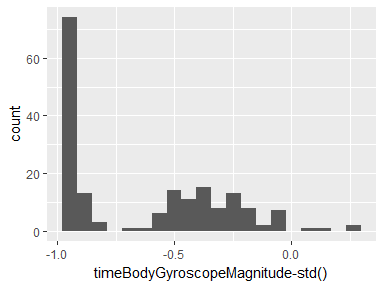
## timeBodyAccelerometerJerkMagnitude-std()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.8 |
| 1st and 3rd quartiles | -0.98; -0.22 |
| Min. and max. | -0.99; 0.45 |



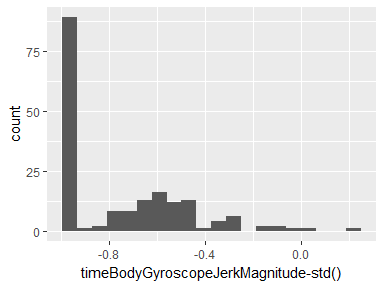
## timeBodyGyroscopeMagnitude-std()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.74 |
| 1st and 3rd quartiles | -0.95; -0.36 |
| Min. and max. | -0.98; 0.3 |



## timeBodyGyroscopeJerkMagnitude-std()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.88 |
| 1st and 3rd quartiles | -0.98; -0.58 |
| Min. and max. | -1; 0.25 |



## frequencyBodyAccelerometer-std()-X

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.75 |
| 1st and 3rd quartiles | -0.98; -0.2 |
| Min. and max. | -1; 0.66 |



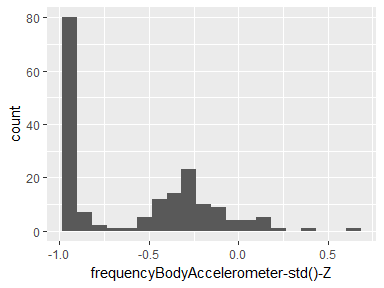
## frequencyBodyAccelerometer-std()-Y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.51 |
| 1st and 3rd quartiles | -0.94; -0.08 |
| Min. and max. | -0.99; 0.56 |



## frequencyBodyAccelerometer-std()-Z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.64 |
| 1st and 3rd quartiles | -0.95; -0.27 |
| Min. and max. | -0.99; 0.69 |



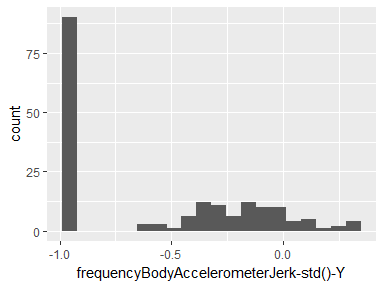
## frequencyBodyAccelerometerJerk-std()-X

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.83 |
| 1st and 3rd quartiles | -0.98; -0.25 |
| Min. and max. | -1; 0.48 |



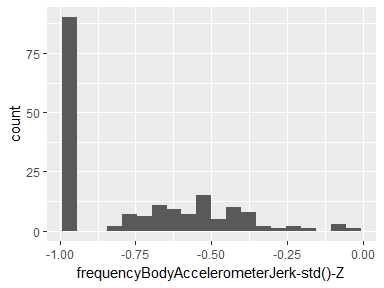
## frequencyBodyAccelerometerJerk-std()-Y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.79 |
| 1st and 3rd quartiles | -0.97; -0.17 |
| Min. and max. | -0.99; 0.35 |



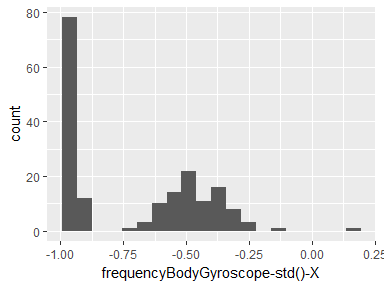
## frequencyBodyAccelerometerJerk-std()-Z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.9 |
| 1st and 3rd quartiles | -0.98; -0.54 |
| Min. and max. | -0.99; -0.01 |



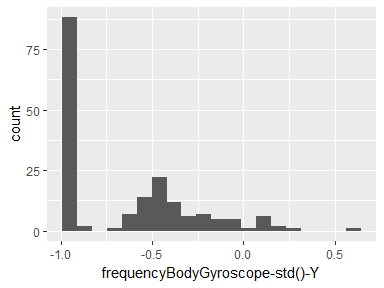
## frequencyBodyGyroscope-std()-X

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.81 |
| 1st and 3rd quartiles | -0.98; -0.48 |
| Min. and max. | -0.99; 0.2 |



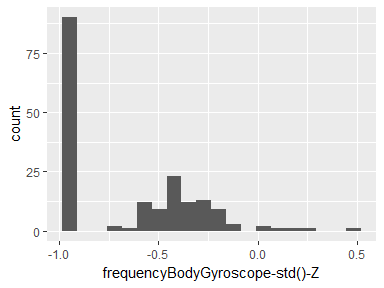
## frequencyBodyGyroscope-std()-Y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.8 |
| 1st and 3rd quartiles | -0.96; -0.42 |
| Min. and max. | -0.99; 0.65 |



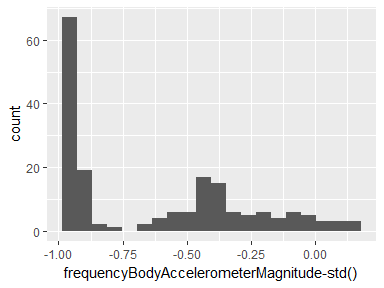
## frequencyBodyGyroscope-std()-Z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.82 |
| 1st and 3rd quartiles | -0.96; -0.39 |
| Min. and max. | -0.99; 0.52 |



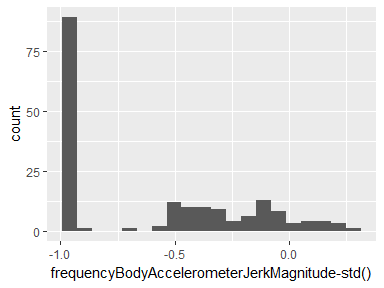
## frequencyBodyAccelerometerMagnitude-std()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.65 |
| 1st and 3rd quartiles | -0.95; -0.37 |
| Min. and max. | -0.99; 0.18 |



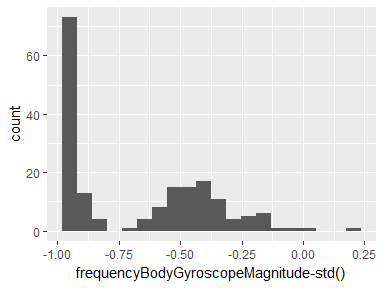
## frequencyBodyAccelerometerJerkMagnitude-std()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.81 |
| 1st and 3rd quartiles | -0.98; -0.27 |
| Min. and max. | -0.99; 0.32 |



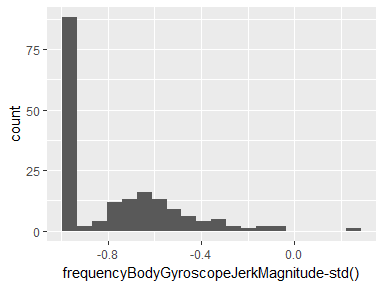
## frequencyBodyGyroscopeMagnitude-std()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.77 |
| 1st and 3rd quartiles | -0.95; -0.43 |
| Min. and max. | -0.98; 0.24 |



## frequencyBodyGyroscopeJerkMagnitude-std()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.89 |
| 1st and 3rd quartiles | -0.98; -0.61 |
| Min. and max. | -1; 0.29 |



Report generation information:

* Created by No Instance(s) Available..
* Report creation time: Sun Apr 22 2018 18:51:15
* dataMaid v1.1.0 [Pkg: 2018-02-06 from CRAN (R 3.4.4)]
* R version 3.4.3 (2017-11-30).
* Platform: x86\_64-w64-mingw32/x64 (64-bit)(Windows 7 x64 (build 7601) Service Pack 1).
* Function call: makeDataReport(data = data, mode = c("summarize", "visualize", "check"), smartNum = FALSE, file = normalizeFileName(paste0("codebook\_", dfname, vol, ".Rmd")), replace = ..1, checks = setChecks(character = list("showAllFactorLevels"), factor = list("showAllFactorLevels"), labelled = list("showAllFactorLevels"), numeric = NULL, integer = NULL, Date = NULL, logical = NULL), listChecks = FALSE, maxProbVals = Inf, codebook = TRUE, reportTitle = paste0("Codebook for ", dfname))