Codebook for tidy\_data

Autogenerated data summary from dataMaid

2019-12-10 12:12:13

# Data report overview

The dataset examined has the following dimensions:

|  |  |
| --- | --- |
| Feature | Result |
| Number of observations | 180 |
| Number of variables | 68 |

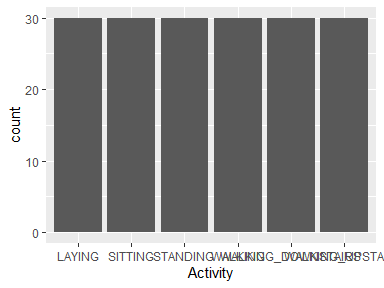
# Codebook summary table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Label | Variable | Class | # unique values | Missing | Description |
|  | [**Activity**](#activity) | factor | 6 | 0.00 % | Activity performed by the subjects. One of six possible factors. |
|  | [**Subject**](#subject) | factor | 30 | 0.00 % | Numeric factor denoting the 30 subjects that participated in this study. |
|  | [**time-body-acceleration-mean()-X**](#time-body-acceleration-mean-x) | numeric | 180 | 0.00 % | Average of the X-axis data for the mean of the body acceleration in the time domain. |
|  | [**time-body-acceleration-mean()-Y**](#time-body-acceleration-mean-y) | numeric | 180 | 0.00 % | Average of the Y-axis data for the mean of the body acceleration in the time domain. |
|  | [**time-body-acceleration-mean()-Z**](#time-body-acceleration-mean-z) | numeric | 180 | 0.00 % | Average of the Z-axis data for the mean of the body acceleration in the time domain. |
|  | [**time-body-acceleration-std()-X**](#time-body-acceleration-std-x) | numeric | 180 | 0.00 % | Average of the X-axis data for the standard deviation of the body acceleration in the time domain. |
|  | [**time-body-acceleration-std()-Y**](#time-body-acceleration-std-y) | numeric | 180 | 0.00 % | Average of the Y-axis data for the standard deviation of the body acceleration in the time domain. |
|  | [**time-body-acceleration-std()-Z**](#time-body-acceleration-std-z) | numeric | 180 | 0.00 % | Average of the Z-axis data for the standard deviation of the body acceleration in the time domain. |
|  | [**time-gravity-acceleration-mean()-X**](#time-gravity-acceleration-mean-x) | numeric | 180 | 0.00 % | Average of the X-axis data for the mean of the gravity acceleration in the time domain. |
|  | [**time-gravity-acceleration-mean()-Y**](#time-gravity-acceleration-mean-y) | numeric | 180 | 0.00 % | Average of the Y-axis data for the mean of the gravity acceleration in the time domain. |
|  | [**time-gravity-acceleration-mean()-Z**](#time-gravity-acceleration-mean-z) | numeric | 180 | 0.00 % | Average of the Z-axis data for the mean of the gravity acceleration in the time domain. |
|  | [**time-gravity-acceleration-std()-X**](#time-gravity-acceleration-std-x) | numeric | 180 | 0.00 % | Average of the X-axis data for the standard deviation of the gravity acceleration in the time domain. |
|  | [**time-gravity-acceleration-std()-Y**](#time-gravity-acceleration-std-y) | numeric | 180 | 0.00 % | Average of the Y-axis data for the standard deviation of the gravity acceleration in the time domain. |
|  | [**time-gravity-acceleration-std()-Z**](#time-gravity-acceleration-std-z) | numeric | 180 | 0.00 % | Average of the Z-axis data for the standard deviation of the gravity acceleration in the time domain. |
|  | [**time-body-acceleration-Jerk-mean()-X**](#time-body-acceleration-jerk-mean-x) | numeric | 180 | 0.00 % | Average of the X-axis data for the mean of the body jerk acceleration in the time domain. |
|  | [**time-body-acceleration-Jerk-mean()-Y**](#time-body-acceleration-jerk-mean-y) | numeric | 180 | 0.00 % | Average of the Y-axis data for the mean of the body jerk acceleration in the time domain. |
|  | [**time-body-acceleration-Jerk-mean()-Z**](#time-body-acceleration-jerk-mean-z) | numeric | 180 | 0.00 % | Average of the Z-axis data for the mean of the body jerk acceleration in the time domain. |
|  | [**time-body-acceleration-Jerk-std()-X**](#time-body-acceleration-jerk-std-x) | numeric | 180 | 0.00 % | Average of the X-axis data for the standard deviaton of the body jerk acceleration in the time domain. |
|  | [**time-body-acceleration-Jerk-std()-Y**](#time-body-acceleration-jerk-std-y) | numeric | 180 | 0.00 % | Average of the Y-axis data for the standard deviaton of the body jerk acceleration in the time domain. |
|  | [**time-body-acceleration-Jerk-std()-Z**](#time-body-acceleration-jerk-std-z) | numeric | 180 | 0.00 % | Average of the Z-axis data for the standard deviaton of the body jerk acceleration in the time domain. |
|  | [**time-body-gyroscope-mean()-X**](#time-body-gyroscope-mean-x) | numeric | 180 | 0.00 % | Average of the X-axis data for the mean of the body gyroscope in the time domain. |
|  | [**time-body-gyroscope-mean()-Y**](#time-body-gyroscope-mean-y) | numeric | 180 | 0.00 % | Average of the Y-axis data for the mean of the body gyroscope in the time domain. |
|  | [**time-body-gyroscope-mean()-Z**](#time-body-gyroscope-mean-z) | numeric | 180 | 0.00 % | Average of the Z-axis data for the mean of the body gyroscope in the time domain. |
|  | [**time-body-gyroscope-std()-X**](#time-body-gyroscope-std-x) | numeric | 180 | 0.00 % | Average of the X-axis data for the standard deviation of the body gyroscope in the time domain. |
|  | [**time-body-gyroscope-std()-Y**](#time-body-gyroscope-std-y) | numeric | 180 | 0.00 % | Average of the Y-axis data for the standard deviation of the body gyroscope in the time domain. |
|  | [**time-body-gyroscope-std()-Z**](#time-body-gyroscope-std-z) | numeric | 180 | 0.00 % | Average of the Z-axis data for the standard deviation of the body gyroscope in the time domain. |
|  | [**time-body-gyroscope-Jerk-mean()-X**](#time-body-gyroscope-jerk-mean-x) | numeric | 180 | 0.00 % | Average of the X-axis data for the mean of the body jerk gyroscope in the time domain. |
|  | [**time-body-gyroscope-Jerk-mean()-Y**](#time-body-gyroscope-jerk-mean-y) | numeric | 180 | 0.00 % | Average of the Y-axis data for the mean of the body jerk gyroscope in the time domain. |
|  | [**time-body-gyroscope-Jerk-mean()-Z**](#time-body-gyroscope-jerk-mean-z) | numeric | 180 | 0.00 % | Average of the Z-axis data for the mean of the body jerk gyroscope in the time domain. |
|  | [**time-body-gyroscope-Jerk-std()-X**](#time-body-gyroscope-jerk-std-x) | numeric | 180 | 0.00 % | Average of the X-axis data for the standard deviation of the body jerk gyroscope in the time domain. |
|  | [**time-body-gyroscope-Jerk-std()-Y**](#time-body-gyroscope-jerk-std-y) | numeric | 180 | 0.00 % | Average of the Y-axis data for the standard deviation of the body jerk gyroscope in the time domain. |
|  | [**time-body-gyroscope-Jerk-std()-Z**](#time-body-gyroscope-jerk-std-z) | numeric | 180 | 0.00 % | Average of the Z-axis data for the standard deviation of the body jerk gyroscope in the time domain. |
|  | [**time-body-acceleration-magnitude-mean()**](#time-body-acceleration-magnitude-mean) | numeric | 180 | 0.00 % | Average of the mean of the body acceleration magnitude in the time domain. |
|  | [**time-body-acceleration-magnitude-std()**](#time-body-acceleration-magnitude-std) | numeric | 180 | 0.00 % | Average of the standard deviation of the body acceleration magnitude in the time domain. |
|  | [**time-gravity-acceleration-magnitude-mean()**](#time-gravity-acceleration-magnitude-mean) | numeric | 180 | 0.00 % | Average of the mean of the gravity acceleration magnitude in the time domain. |
|  | [**time-gravity-acceleration-magnitude-std()**](#time-gravity-acceleration-magnitude-std) | numeric | 180 | 0.00 % | Average of the standard deviation of the gravity acceleration magnitude in the time domain. |
|  | [**time-body-acceleration-Jerkmagnitude-mean()**](#X7afe1a7fe7d13d83d87f4bbd2000cf0811e690b) | numeric | 180 | 0.00 % | Average of the mean of the body jerk acceleration magnitude in the time domain. |
|  | [**time-body-acceleration-Jerkmagnitude-std()**](#time-body-acceleration-jerkmagnitude-std) | numeric | 180 | 0.00 % | Average of the standard deviation of the body jerk acceleration magnitude in the time domain. |
|  | [**time-body-gyroscope-magnitude-mean()**](#time-body-gyroscope-magnitude-mean) | numeric | 180 | 0.00 % | Average of the mean of the body gyroscope magnitude in the time domain. |
|  | [**time-body-gyroscope-magnitude-std()**](#time-body-gyroscope-magnitude-std) | numeric | 180 | 0.00 % | Average of the standard deviation of the body gyroscope magnitude in the time domain. |
|  | [**time-body-gyroscope-Jerkmagnitude-mean()**](#time-body-gyroscope-jerkmagnitude-mean) | numeric | 180 | 0.00 % | Average of the mean of the body jerk gyroscope magnitude in the time domain. |
|  | [**time-body-gyroscope-Jerkmagnitude-std()**](#time-body-gyroscope-jerkmagnitude-std) | numeric | 180 | 0.00 % | Average of the standard deviation of the body jerk gyroscope magnitude in the time domain. |
|  | [**frequency-body-acceleration-mean()-X**](#frequency-body-acceleration-mean-x) | numeric | 180 | 0.00 % | Average of the mean of the X-axis body acceleration in the frequency domain. |
|  | [**frequency-body-acceleration-mean()-Y**](#frequency-body-acceleration-mean-y) | numeric | 180 | 0.00 % | Average of the mean of the Y-axis body acceleration in the frequency domain. |
|  | [**frequency-body-acceleration-mean()-Z**](#frequency-body-acceleration-mean-z) | numeric | 180 | 0.00 % | Average of the mean of the Z-axis body acceleration in the frequency domain. |
|  | [**frequency-body-acceleration-std()-X**](#frequency-body-acceleration-std-x) | numeric | 180 | 0.00 % | Average of the standard deviation of the X-axis body acceleration in the frequency domain. |
|  | [**frequency-body-acceleration-std()-Y**](#frequency-body-acceleration-std-y) | numeric | 180 | 0.00 % | Average of the standard deviation of the Y-axis body acceleration in the frequency domain. |
|  | [**frequency-body-acceleration-std()-Z**](#frequency-body-acceleration-std-z) | numeric | 180 | 0.00 % | Average of the standard deviation of the Z-axis body acceleration in the frequency domain. |
|  | [**frequency-body-acceleration-Jerk-mean()-X**](#frequency-body-acceleration-jerk-mean-x) | numeric | 180 | 0.00 % | Average of the mean of the X-axis body jerk acceleration in the frequency domain. |
|  | [**frequency-body-acceleration-Jerk-mean()-Y**](#frequency-body-acceleration-jerk-mean-y) | numeric | 180 | 0.00 % | Average of the mean of the Y-axis body jerk acceleration in the frequency domain. |
|  | [**frequency-body-acceleration-Jerk-mean()-Z**](#frequency-body-acceleration-jerk-mean-z) | numeric | 180 | 0.00 % | Average of the mean of the Z-axis body jerk acceleration in the frequency domain. |
|  | [**frequency-body-acceleration-Jerk-std()-X**](#frequency-body-acceleration-jerk-std-x) | numeric | 180 | 0.00 % | Average of the standard deviation of the X-axis body jerk acceleration in the frequency domain. |
|  | [**frequency-body-acceleration-Jerk-std()-Y**](#frequency-body-acceleration-jerk-std-y) | numeric | 180 | 0.00 % | Average of the standard deviation of the Y-axis body jerk acceleration in the frequency domain. |
|  | [**frequency-body-acceleration-Jerk-std()-Z**](#frequency-body-acceleration-jerk-std-z) | numeric | 180 | 0.00 % | Average of the standard deviation of the Z-axis body jerk acceleration in the frequency domain. |
|  | [**frequency-body-gyroscope-mean()-X**](#frequency-body-gyroscope-mean-x) | numeric | 180 | 0.00 % | Average of the mean of the X-axis body gyroscope in the frequency domain. |
|  | [**frequency-body-gyroscope-mean()-Y**](#frequency-body-gyroscope-mean-y) | numeric | 180 | 0.00 % | Average of the mean of the Y-axis body gyroscope in the frequency domain. |
|  | [**frequency-body-gyroscope-mean()-Z**](#frequency-body-gyroscope-mean-z) | numeric | 180 | 0.00 % | Average of the mean of the Z-axis body gyroscope in the frequency domain. |
|  | [**frequency-body-gyroscope-std()-X**](#frequency-body-gyroscope-std-x) | numeric | 180 | 0.00 % | Average of the standard deviation of the X-axis body gyroscope in the frequency domain. |
|  | [**frequency-body-gyroscope-std()-Y**](#frequency-body-gyroscope-std-y) | numeric | 180 | 0.00 % | Average of the standard deviation of the Y-axis body gyroscope in the frequency domain. |
|  | [**frequency-body-gyroscope-std()-Z**](#frequency-body-gyroscope-std-z) | numeric | 180 | 0.00 % | Average of the standard deviation of the Z-axis body gyroscope in the frequency domain. |
|  | [**frequency-body-acceleration-magnitude-mean()**](#X631f200b1cfca88b09dd325efd446bde5632fd6) | numeric | 180 | 0.00 % | Average of the mean of the body acceleration magnitude in the frequency domain. |
|  | [**frequency-body-acceleration-magnitude-std()**](#Xf3dd119a0e522c356c69022db6d900c116f2888) | numeric | 180 | 0.00 % | Average of the standard deviation of the body acceleration magnitude in the frequency domain. |
|  | [**frequency-body-body-acceleration-Jerkmagnitude-mean()**](#Xf7a44f0302eb329c6b8fb08249af3f580576d14) | numeric | 180 | 0.00 % | Average of the mean of the body jerk acceleration magnitude in the frequency domain. |
|  | [**frequency-body-body-acceleration-Jerkmagnitude-std()**](#Xf7a54626f113c9c945eafa99a97ee98a1b3bcad) | numeric | 180 | 0.00 % | Average of the standard deviation of the body jerk acceleration magnitude in the frequency domain. |
|  | [**frequency-body-body-gyroscope-magnitude-mean()**](#X71b4211f4c9a14682ca130f175279817b6e04d6) | numeric | 180 | 0.00 % | Average of the mean of the body gyroscope magnitude in the frequency domain. |
|  | [**frequency-body-body-gyroscope-magnitude-std()**](#X7047b50860684b5545ed71dbb8633442c56cb98) | numeric | 180 | 0.00 % | Average of the standard deviation of the body gyroscope magnitude in the frequency domain. |
|  | [**frequency-body-body-gyroscope-Jerkmagnitude-mean()**](#X6eb8673a97b31bd7843ffe113d1addd7d17c179) | numeric | 180 | 0.00 % | Average of the mean of the body jerk gyroscope magnitude in the frequency domain. |
|  | [**frequency-body-body-gyroscope-Jerkmagnitude-std()**](#X83aa2c0da9c2d19a7670d5b544dcf73db24f51c) | numeric | 180 | 0.00 % | Average of the standard deviation of the body gyroscope jerk magnitude in the frequency domain. |

# Variable list

## Activity

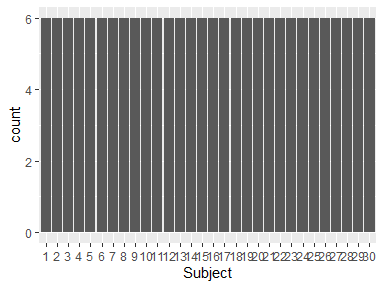
|  |  |
| --- | --- |
| Feature | Result |
| Variable type | factor |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 6 |
| Mode | “LAYING” |
| Reference category | LAYING |



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

## Subject

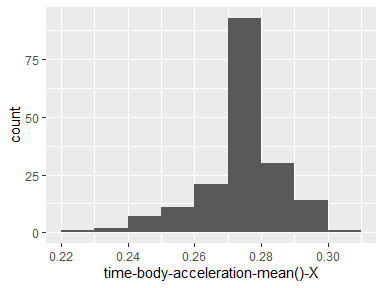
|  |  |
| --- | --- |
| Feature | Result |
| Variable type | factor |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 30 |
| Mode | “1” |
| Reference category | 1 |



* Observed factor levels: "1", "10", "11", "12", "13", "14", "15", "16", "17", "18", "19", "2", "20", "21", "22", "23", "24", "25", "26", "27", "28", "29", "3", "30", "4", "5", "6", "7", "8", "9".

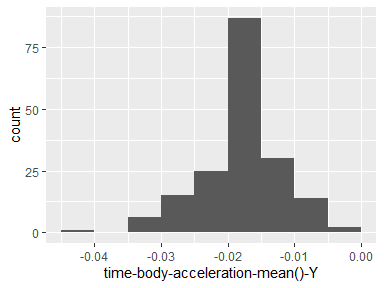
## time-body-acceleration-mean()-X

|  |  |
| --- | --- |
| 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 |



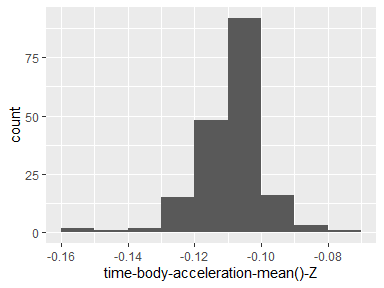
## time-body-acceleration-mean()-Y

|  |  |
| --- | --- |
| 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 |



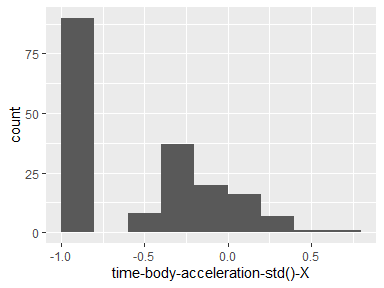
## time-body-acceleration-mean()-Z

|  |  |
| --- | --- |
| 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 |



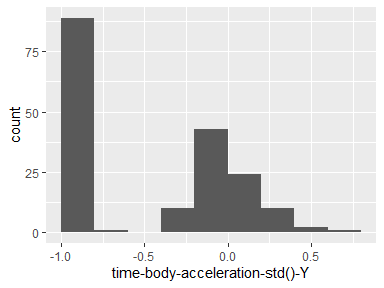
## time-body-acceleration-std()-X

|  |  |
| --- | --- |
| 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 |



## time-body-acceleration-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 |



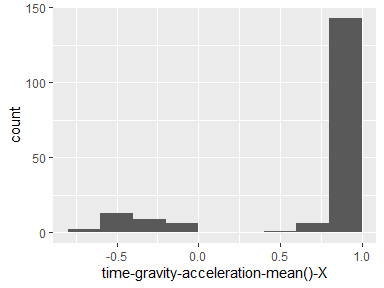
## time-body-acceleration-std()-Z

|  |  |
| --- | --- |
| 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 |



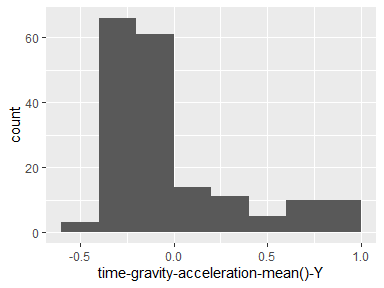
## time-gravity-acceleration-mean()-X

|  |  |
| --- | --- |
| 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 |



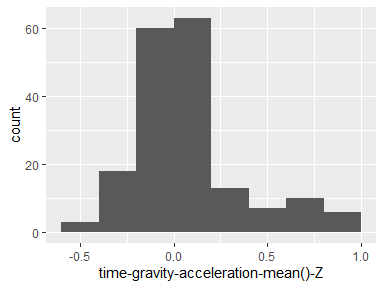
## time-gravity-acceleration-mean()-Y

|  |  |
| --- | --- |
| 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 |



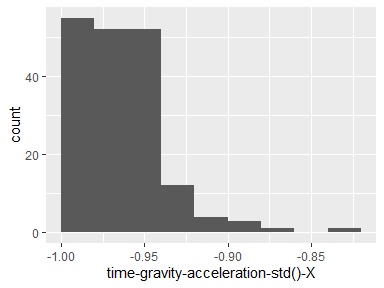
## time-gravity-acceleration-mean()-Z

|  |  |
| --- | --- |
| 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 |



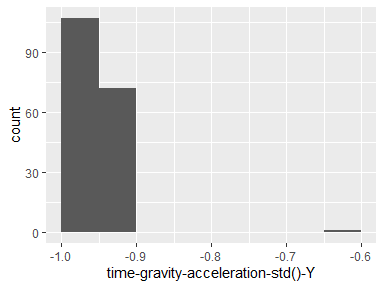
## time-gravity-acceleration-std()-X

|  |  |
| --- | --- |
| 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 |



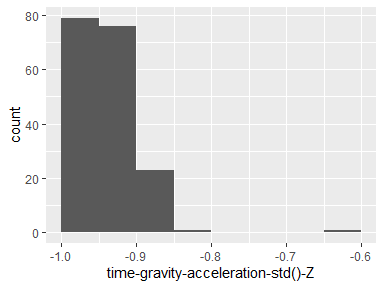
## time-gravity-acceleration-std()-Y

|  |  |
| --- | --- |
| 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 |



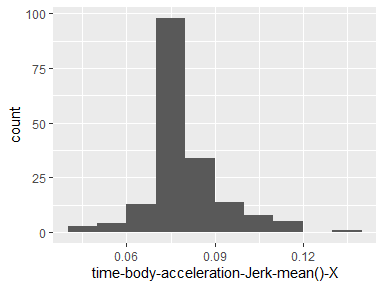
## time-gravity-acceleration-std()-Z

|  |  |
| --- | --- |
| 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 |



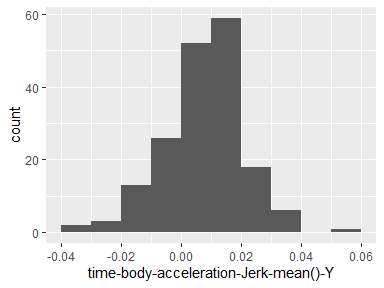
## time-body-acceleration-Jerk-mean()-X

|  |  |
| --- | --- |
| 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 |



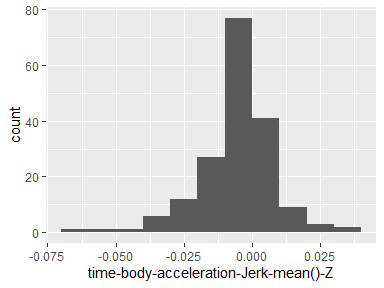
## time-body-acceleration-Jerk-mean()-Y

|  |  |
| --- | --- |
| 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 |



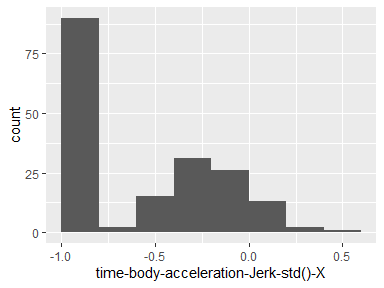
## time-body-acceleration-Jerk-mean()-Z

|  |  |
| --- | --- |
| 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 |



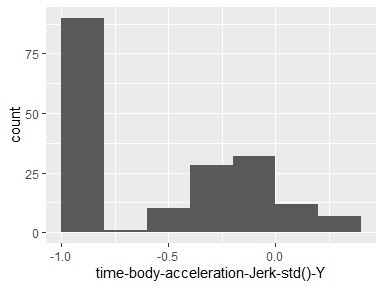
## time-body-acceleration-Jerk-std()-X

|  |  |
| --- | --- |
| 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 |



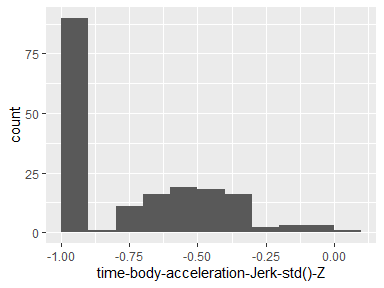
## time-body-acceleration-Jerk-std()-Y

|  |  |
| --- | --- |
| 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 |



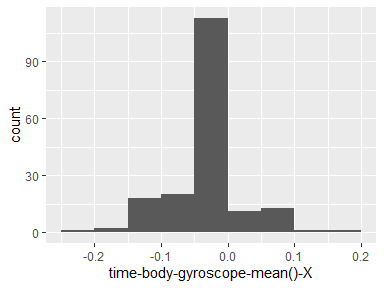
## time-body-acceleration-Jerk-std()-Z

|  |  |
| --- | --- |
| 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 |



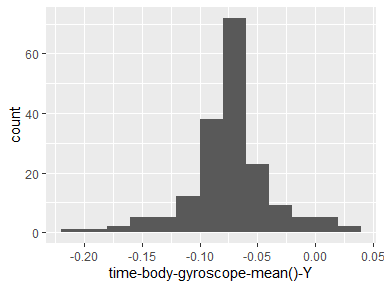
## time-body-gyroscope-mean()-X

|  |  |
| --- | --- |
| 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 |



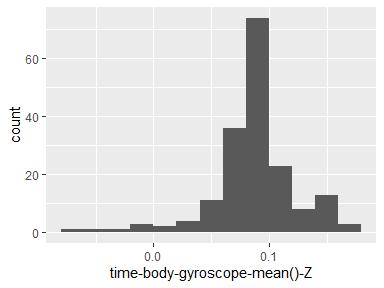
## time-body-gyroscope-mean()-Y

|  |  |
| --- | --- |
| 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 |



## time-body-gyroscope-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 |



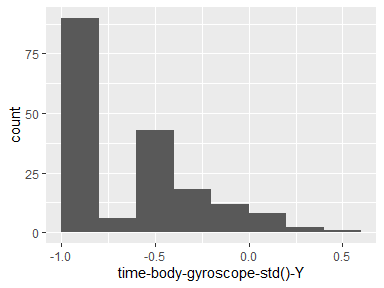
## time-body-gyroscope-std()-X

|  |  |
| --- | --- |
| 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 |



## time-body-gyroscope-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 |



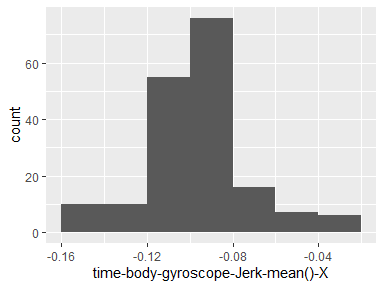
## time-body-gyroscope-std()-Z

|  |  |
| --- | --- |
| 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 |



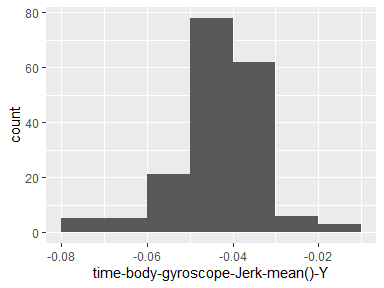
## time-body-gyroscope-Jerk-mean()-X

|  |  |
| --- | --- |
| 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 |



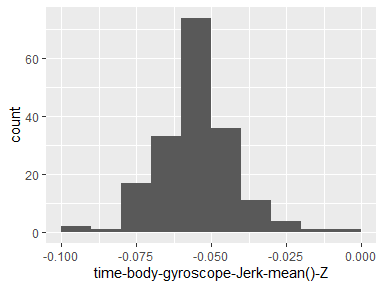
## time-body-gyroscope-Jerk-mean()-Y

|  |  |
| --- | --- |
| 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 |



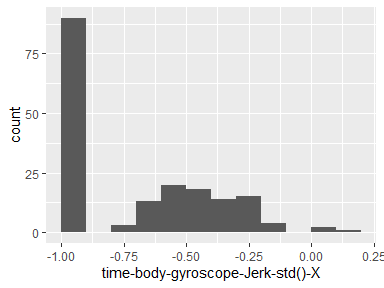
## time-body-gyroscope-Jerk-mean()-Z

|  |  |
| --- | --- |
| 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 |



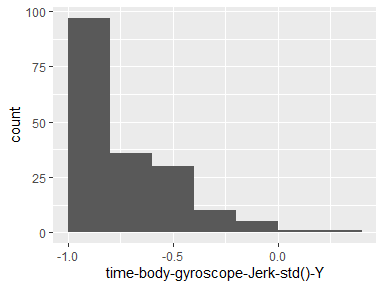
## time-body-gyroscope-Jerk-std()-X

|  |  |
| --- | --- |
| 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 |



## time-body-gyroscope-Jerk-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 |



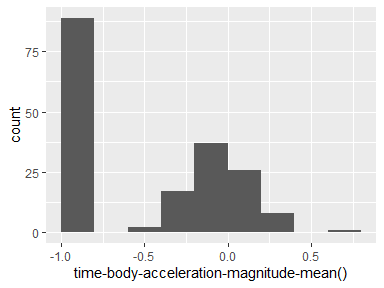
## time-body-gyroscope-Jerk-std()-Z

|  |  |
| --- | --- |
| 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 |



## time-body-acceleration-magnitude-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 |



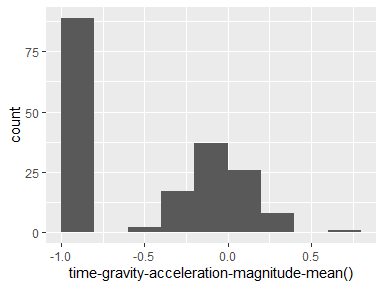
## time-body-acceleration-magnitude-std()

|  |  |
| --- | --- |
| 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 |



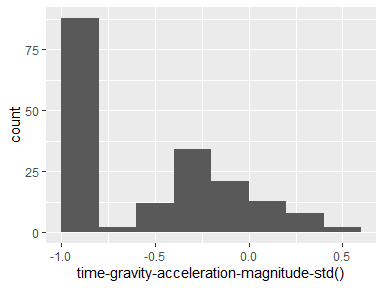
## time-gravity-acceleration-magnitude-mean()

|  |  |
| --- | --- |
| 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 |



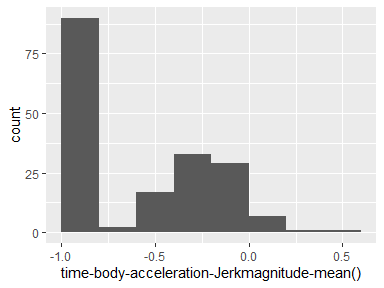
## time-gravity-acceleration-magnitude-std()

|  |  |
| --- | --- |
| 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 |



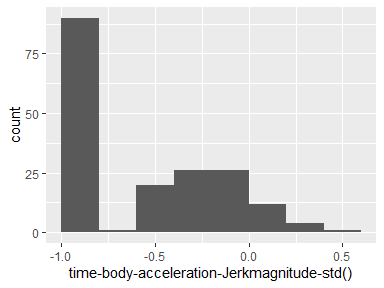
## time-body-acceleration-Jerkmagnitude-mean()

|  |  |
| --- | --- |
| 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 |



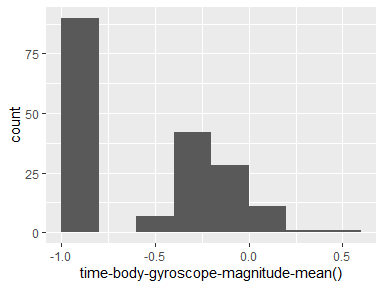
## time-body-acceleration-Jerkmagnitude-std()

|  |  |
| --- | --- |
| 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 |



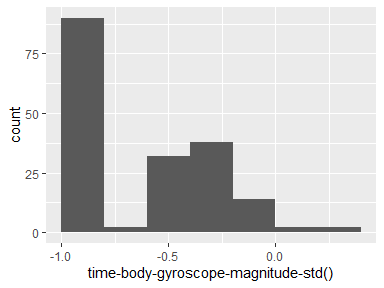
## time-body-gyroscope-magnitude-mean()

|  |  |
| --- | --- |
| 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 |



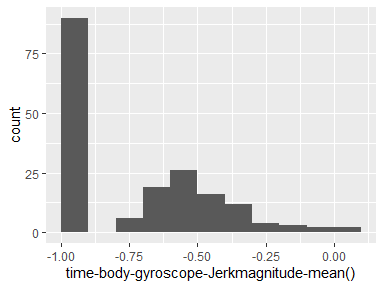
## time-body-gyroscope-magnitude-std()

|  |  |
| --- | --- |
| 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 |



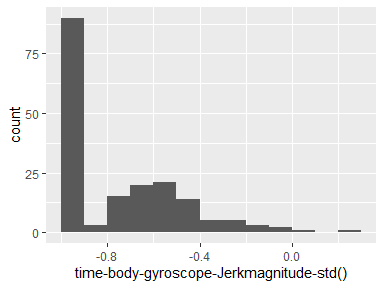
## time-body-gyroscope-Jerkmagnitude-mean()

|  |  |
| --- | --- |
| 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 |



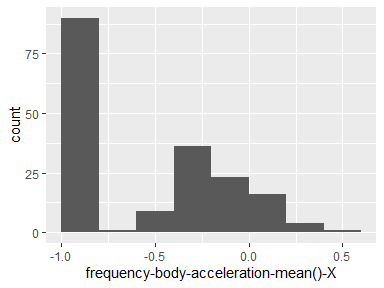
## time-body-gyroscope-Jerkmagnitude-std()

|  |  |
| --- | --- |
| 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 |



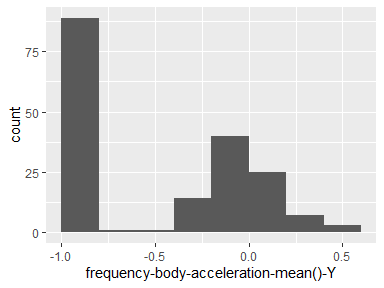
## frequency-body-acceleration-mean()-X

|  |  |
| --- | --- |
| 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 |



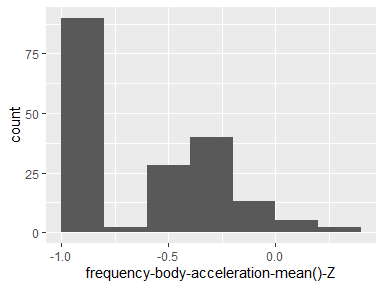
## frequency-body-acceleration-mean()-Y

|  |  |
| --- | --- |
| 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 |



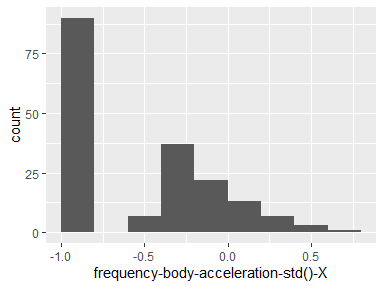
## frequency-body-acceleration-mean()-Z

|  |  |
| --- | --- |
| 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 |



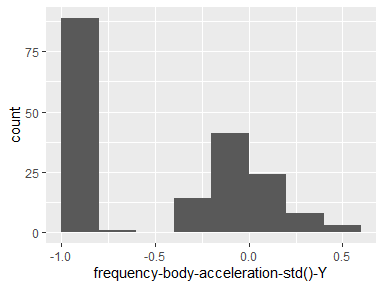
## frequency-body-acceleration-std()-X

|  |  |
| --- | --- |
| 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 |



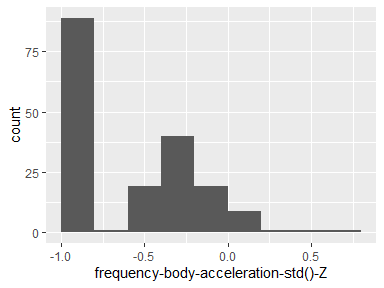
## frequency-body-acceleration-std()-Y

|  |  |
| --- | --- |
| 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 |



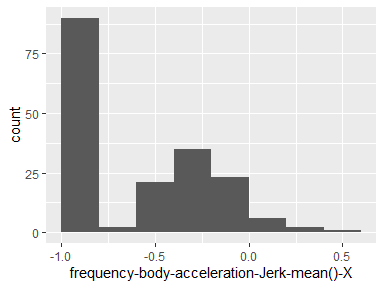
## frequency-body-acceleration-std()-Z

|  |  |
| --- | --- |
| 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 |



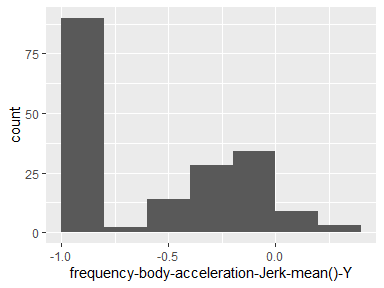
## frequency-body-acceleration-Jerk-mean()-X

|  |  |
| --- | --- |
| 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 |



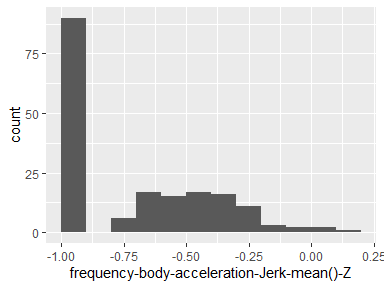
## frequency-body-acceleration-Jerk-mean()-Y

|  |  |
| --- | --- |
| 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 |



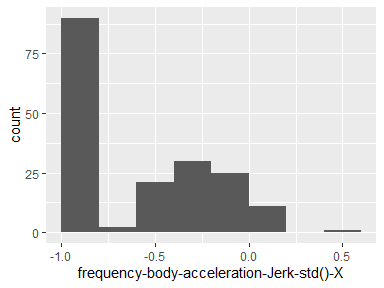
## frequency-body-acceleration-Jerk-mean()-Z

|  |  |
| --- | --- |
| 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 |



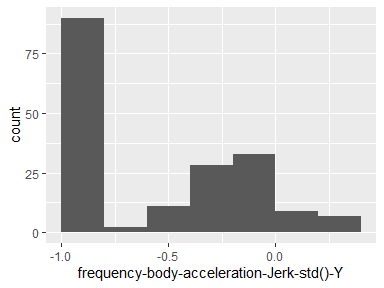
## frequency-body-acceleration-Jerk-std()-X

|  |  |
| --- | --- |
| 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 |



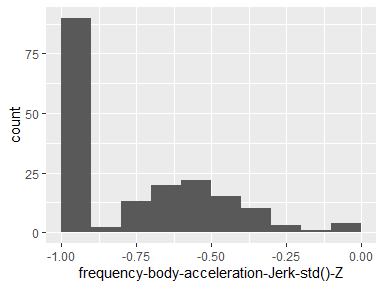
## frequency-body-acceleration-Jerk-std()-Y

|  |  |
| --- | --- |
| 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 |



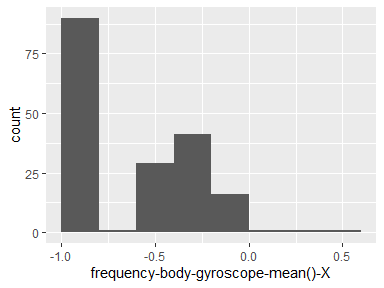
## frequency-body-acceleration-Jerk-std()-Z

|  |  |
| --- | --- |
| 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 |



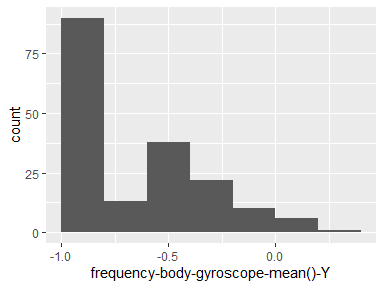
## frequency-body-gyroscope-mean()-X

|  |  |
| --- | --- |
| 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 |



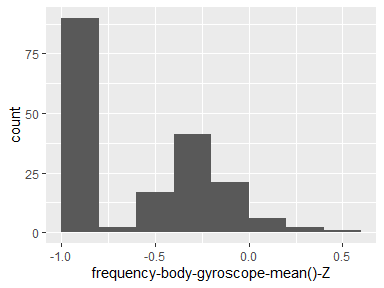
## frequency-body-gyroscope-mean()-Y

|  |  |
| --- | --- |
| 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 |



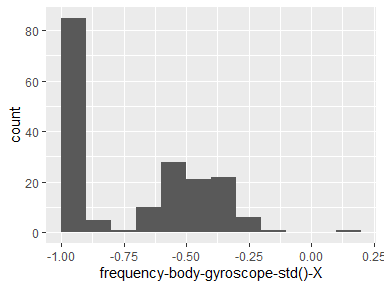
## frequency-body-gyroscope-mean()-Z

|  |  |
| --- | --- |
| 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 |



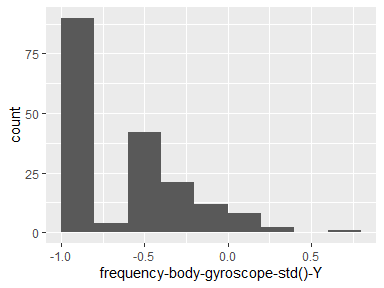
## frequency-body-gyroscope-std()-X

|  |  |
| --- | --- |
| 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 |



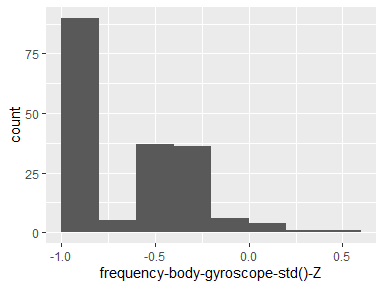
## frequency-body-gyroscope-std()-Y

|  |  |
| --- | --- |
| 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 |



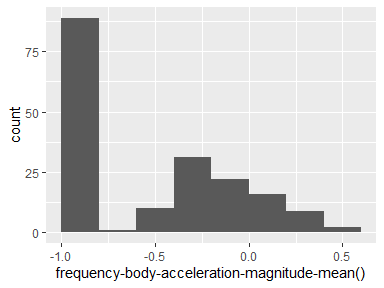
## frequency-body-gyroscope-std()-Z

|  |  |
| --- | --- |
| 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 |



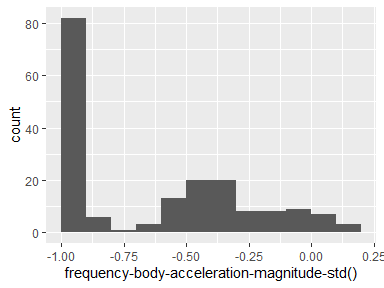
## frequency-body-acceleration-magnitude-mean()

|  |  |
| --- | --- |
| 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 |



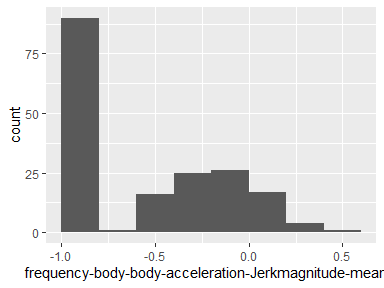
## frequency-body-acceleration-magnitude-std()

|  |  |
| --- | --- |
| 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 |



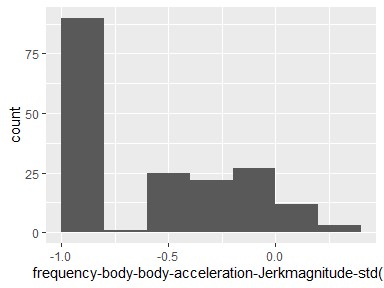
## frequency-body-body-acceleration-Jerkmagnitude-mean()

|  |  |
| --- | --- |
| 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 |



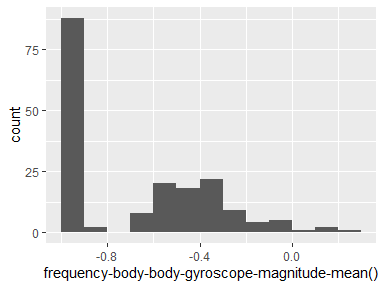
## frequency-body-body-acceleration-Jerkmagnitude-std()

|  |  |
| --- | --- |
| 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 |



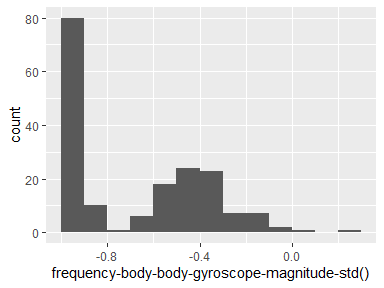
## frequency-body-body-gyroscope-magnitude-mean()

|  |  |
| --- | --- |
| 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 |



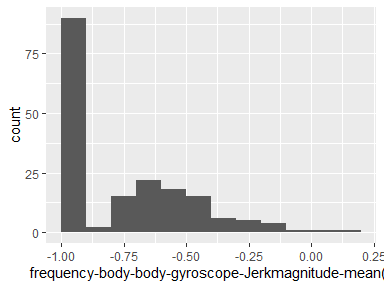
## frequency-body-body-gyroscope-magnitude-std()

|  |  |
| --- | --- |
| 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 |



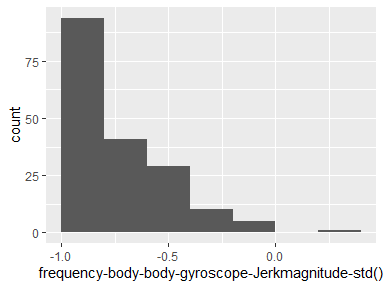
## frequency-body-body-gyroscope-Jerkmagnitude-mean()

|  |  |
| --- | --- |
| 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 |



## frequency-body-body-gyroscope-Jerkmagnitude-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 Rimdzius, Daniel J (username: rimdzidj).
* Report creation time: Tue Dec 10 2019 12:14:56
* Report was run from directory: C:/Users/rimdzidj/Desktop/Personal/Coursera/JHUCourseraGettingAndCleaningData
* dataMaid v1.3.2 [Pkg: 2019-07-27 from CRAN (R 3.6.1)]
* R version 3.6.1 (2019-07-05).
* Platform: x86\_64-w64-mingw32/x64 (64-bit)(Windows 10 x64 (build 16299)).
* Function call: makeDataReport(data = tidy\_data, mode = c("summarize", "visualize", "check"), smartNum = FALSE, file = "codebook\_tidy\_data.Rmd", replace = TRUE, checks = list(character = "showAllFactorLevels", factor = "showAllFactorLevels", labelled = "showAllFactorLevels", haven\_labelled = "showAllFactorLevels", numeric = NULL, integer = NULL, logical = NULL, Date = NULL), listChecks = FALSE, maxProbVals = Inf, codebook = TRUE, reportTitle = "Codebook for tidy\_data")