Codebook for FinalData

Autogenerated data summary from dataMaid

2020-06-08 11:07:42

# Data report overview

The dataset examined has the following dimensions:

|  |  |
| --- | --- |
| Feature | Result |
| Number of observations | 180 |
| Number of variables | 88 |

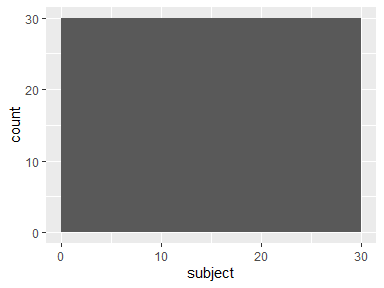
# Codebook summary table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Label | Variable | Class | # unique values | Missing | Description |
|  | [**subject**](#subject) | integer | 30 | 0.00 % |  |
|  | [**activity**](#activity) | factor | 6 | 0.00 % |  |
|  | [**TimeBodyAccelerometer.mean…X**](#timebodyaccelerometer.meanx) | numeric | 180 | 0.00 % |  |
|  | [**TimeBodyAccelerometer.mean…Y**](#timebodyaccelerometer.meany) | numeric | 180 | 0.00 % |  |
|  | [**TimeBodyAccelerometer.mean…Z**](#timebodyaccelerometer.meanz) | numeric | 180 | 0.00 % |  |
|  | [**TimeGravityAccelerometer.mean…X**](#timegravityaccelerometer.meanx) | numeric | 180 | 0.00 % |  |
|  | [**TimeGravityAccelerometer.mean…Y**](#timegravityaccelerometer.meany) | numeric | 180 | 0.00 % |  |
|  | [**TimeGravityAccelerometer.mean…Z**](#timegravityaccelerometer.meanz) | numeric | 180 | 0.00 % |  |
|  | [**TimeBodyAccelerometerJerk.mean…X**](#timebodyaccelerometerjerk.meanx) | numeric | 180 | 0.00 % |  |
|  | [**TimeBodyAccelerometerJerk.mean…Y**](#timebodyaccelerometerjerk.meany) | numeric | 180 | 0.00 % |  |
|  | [**TimeBodyAccelerometerJerk.mean…Z**](#timebodyaccelerometerjerk.meanz) | numeric | 180 | 0.00 % |  |
|  | [**TimeBodyGyroscope.mean…X**](#timebodygyroscope.meanx) | numeric | 180 | 0.00 % |  |
|  | [**TimeBodyGyroscope.mean…Y**](#timebodygyroscope.meany) | numeric | 180 | 0.00 % |  |
|  | [**TimeBodyGyroscope.mean…Z**](#timebodygyroscope.meanz) | numeric | 180 | 0.00 % |  |
|  | [**TimeBodyGyroscopeJerk.mean…X**](#timebodygyroscopejerk.meanx) | numeric | 180 | 0.00 % |  |
|  | [**TimeBodyGyroscopeJerk.mean…Y**](#timebodygyroscopejerk.meany) | numeric | 180 | 0.00 % |  |
|  | [**TimeBodyGyroscopeJerk.mean…Z**](#timebodygyroscopejerk.meanz) | numeric | 180 | 0.00 % |  |
|  | [**TimeBodyAccelerometerMagnitude.mean..**](#timebodyaccelerometermagnitude.mean..) | numeric | 180 | 0.00 % |  |
|  | [**TimeGravityAccelerometerMagnitude.mean..**](#timegravityaccelerometermagnitude.mean..) | numeric | 180 | 0.00 % |  |
|  | [**TimeBodyAccelerometerJerkMagnitude.mean..**](#X5992d647a5649304c2d4ddb951284252c7037ea) | numeric | 180 | 0.00 % |  |
|  | [**TimeBodyGyroscopeMagnitude.mean..**](#timebodygyroscopemagnitude.mean..) | numeric | 180 | 0.00 % |  |
|  | [**TimeBodyGyroscopeJerkMagnitude.mean..**](#timebodygyroscopejerkmagnitude.mean..) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyAccelerometer.mean…X**](#frequencybodyaccelerometer.meanx) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyAccelerometer.mean…Y**](#frequencybodyaccelerometer.meany) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyAccelerometer.mean…Z**](#frequencybodyaccelerometer.meanz) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyAccelerometer.meanFreq…X**](#frequencybodyaccelerometer.meanfreqx) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyAccelerometer.meanFreq…Y**](#frequencybodyaccelerometer.meanfreqy) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyAccelerometer.meanFreq…Z**](#frequencybodyaccelerometer.meanfreqz) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyAccelerometerJerk.mean…X**](#frequencybodyaccelerometerjerk.meanx) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyAccelerometerJerk.mean…Y**](#frequencybodyaccelerometerjerk.meany) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyAccelerometerJerk.mean…Z**](#frequencybodyaccelerometerjerk.meanz) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyAccelerometerJerk.meanFreq…X**](#frequencybodyaccelerometerjerk.meanfreqx) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyAccelerometerJerk.meanFreq…Y**](#frequencybodyaccelerometerjerk.meanfreqy) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyAccelerometerJerk.meanFreq…Z**](#frequencybodyaccelerometerjerk.meanfreqz) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyGyroscope.mean…X**](#frequencybodygyroscope.meanx) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyGyroscope.mean…Y**](#frequencybodygyroscope.meany) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyGyroscope.mean…Z**](#frequencybodygyroscope.meanz) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyGyroscope.meanFreq…X**](#frequencybodygyroscope.meanfreqx) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyGyroscope.meanFreq…Y**](#frequencybodygyroscope.meanfreqy) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyGyroscope.meanFreq…Z**](#frequencybodygyroscope.meanfreqz) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyAccelerometerMagnitude.mean..**](#X1e7431cf4e2a48307ea51fc884a97725ae9c676) | numeric | 180 | 0.00 % |  |
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|  | [**FrequencyBodyAccelerometerJerkMagnitude.mean..**](#X24a9d7fc0f0857a358618b60dcb9e975559436d) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyAccelerometerJerkMagnitude.meanFreq..**](#X9022bfb7c5431d9bfc8aef0552a39c2277eab95) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyGyroscopeMagnitude.mean..**](#frequencybodygyroscopemagnitude.mean..) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyGyroscopeMagnitude.meanFreq..**](#X2c4109b37bcd9c0181e0acc2b24bbc1cbaaa6b4) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyGyroscopeJerkMagnitude.mean..**](#X50ad3654b44a64ca9068135008b17d903538d6c) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyGyroscopeJerkMagnitude.meanFreq..**](#X9aa31d5d1c37f6f0c4b0c16081fee349de6fbd9) | numeric | 180 | 0.00 % |  |
|  | [**Angle.TimeBodyAccelerometerMean.Gravity.**](#angle.timebodyaccelerometermean.gravity.) | numeric | 180 | 0.00 % |  |
|  | [**Angle.TimeBodyAccelerometerJerkMean..GravityMean.**](#X6ba852d9e4d1db0d12b3805481a1c960637b00c) | numeric | 180 | 0.00 % |  |
|  | [**Angle.TimeBodyGyroscopeMean.GravityMean.**](#angle.timebodygyroscopemean.gravitymean.) | numeric | 180 | 0.00 % |  |
|  | [**Angle.TimeBodyGyroscopeJerkMean.GravityMean.**](#X487cb4ddfd75acff96158cd522b52e11a358e0d) | numeric | 180 | 0.00 % |  |
|  | [**Angle.X.GravityMean.**](#angle.x.gravitymean.) | numeric | 180 | 0.00 % |  |
|  | [**Angle.Y.GravityMean.**](#angle.y.gravitymean.) | numeric | 180 | 0.00 % |  |
|  | [**Angle.Z.GravityMean.**](#angle.z.gravitymean.) | numeric | 180 | 0.00 % |  |
|  | [**TimeBodyAccelerometer.std…X**](#timebodyaccelerometer.stdx) | numeric | 180 | 0.00 % |  |
|  | [**TimeBodyAccelerometer.std…Y**](#timebodyaccelerometer.stdy) | numeric | 180 | 0.00 % |  |
|  | [**TimeBodyAccelerometer.std…Z**](#timebodyaccelerometer.stdz) | numeric | 180 | 0.00 % |  |
|  | [**TimeGravityAccelerometer.std…X**](#timegravityaccelerometer.stdx) | numeric | 180 | 0.00 % |  |
|  | [**TimeGravityAccelerometer.std…Y**](#timegravityaccelerometer.stdy) | numeric | 180 | 0.00 % |  |
|  | [**TimeGravityAccelerometer.std…Z**](#timegravityaccelerometer.stdz) | numeric | 180 | 0.00 % |  |
|  | [**TimeBodyAccelerometerJerk.std…X**](#timebodyaccelerometerjerk.stdx) | numeric | 180 | 0.00 % |  |
|  | [**TimeBodyAccelerometerJerk.std…Y**](#timebodyaccelerometerjerk.stdy) | numeric | 180 | 0.00 % |  |
|  | [**TimeBodyAccelerometerJerk.std…Z**](#timebodyaccelerometerjerk.stdz) | numeric | 180 | 0.00 % |  |
|  | [**TimeBodyGyroscope.std…X**](#timebodygyroscope.stdx) | numeric | 180 | 0.00 % |  |
|  | [**TimeBodyGyroscope.std…Y**](#timebodygyroscope.stdy) | numeric | 180 | 0.00 % |  |
|  | [**TimeBodyGyroscope.std…Z**](#timebodygyroscope.stdz) | numeric | 180 | 0.00 % |  |
|  | [**TimeBodyGyroscopeJerk.std…X**](#timebodygyroscopejerk.stdx) | numeric | 180 | 0.00 % |  |
|  | [**TimeBodyGyroscopeJerk.std…Y**](#timebodygyroscopejerk.stdy) | numeric | 180 | 0.00 % |  |
|  | [**TimeBodyGyroscopeJerk.std…Z**](#timebodygyroscopejerk.stdz) | 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.stdx) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyAccelerometer.std…Y**](#frequencybodyaccelerometer.stdy) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyAccelerometer.std…Z**](#frequencybodyaccelerometer.stdz) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyAccelerometerJerk.std…X**](#frequencybodyaccelerometerjerk.stdx) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyAccelerometerJerk.std…Y**](#frequencybodyaccelerometerjerk.stdy) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyAccelerometerJerk.std…Z**](#frequencybodyaccelerometerjerk.stdz) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyGyroscope.std…X**](#frequencybodygyroscope.stdx) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyGyroscope.std…Y**](#frequencybodygyroscope.stdy) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyGyroscope.std…Z**](#frequencybodygyroscope.stdz) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyAccelerometerMagnitude.std..**](#Xe660a3d4abe14abcbbc6e5d02d9898a92fe619e) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyAccelerometerJerkMagnitude.std..**](#X201f51925abb881c01a3e50624e7422c03c267f) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyGyroscopeMagnitude.std..**](#frequencybodygyroscopemagnitude.std..) | numeric | 180 | 0.00 % |  |
|  | [**FrequencyBodyGyroscopeJerkMagnitude.std..**](#X5172e37329797a7126eee59f6dee3d801d48f54) | numeric | 180 | 0.00 % |  |

# Variable list

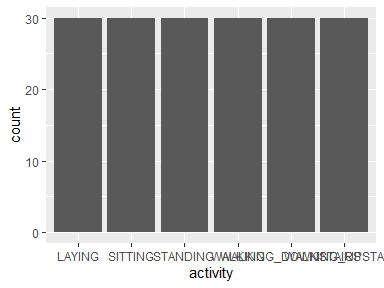
## subject

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



## activity

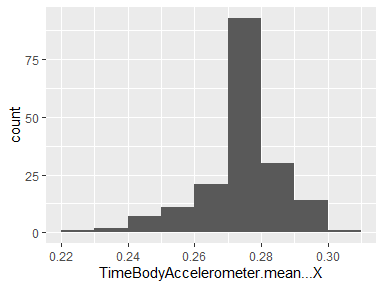
|  |  |
| --- | --- |
| Feature | Result |
| Variable type | factor |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 6 |
| Mode | “LAYING” |
| Reference category | LAYING |



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

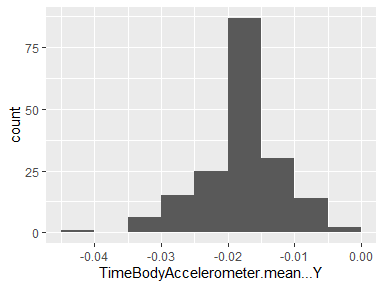
## TimeBodyAccelerometer.mean…X

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



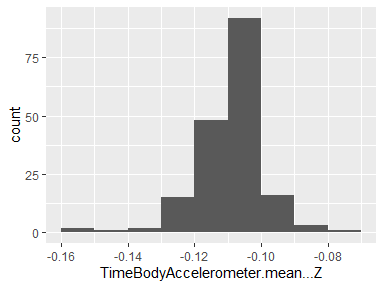
## TimeBodyAccelerometer.mean…Y

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



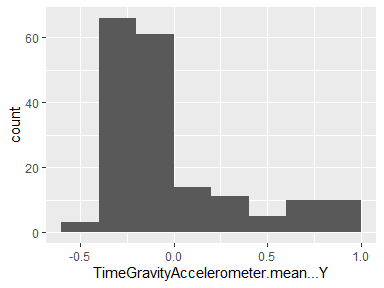
## TimeGravityAccelerometer.mean…X

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



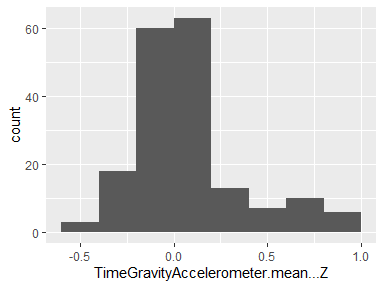
## TimeGravityAccelerometer.mean…Y

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



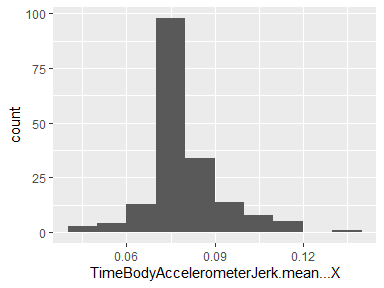
## TimeGravityAccelerometer.mean…Z

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



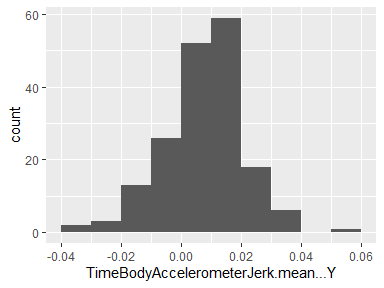
## TimeBodyAccelerometerJerk.mean…X

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



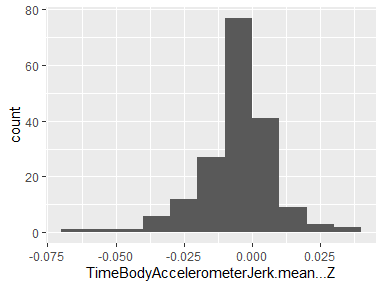
## TimeBodyAccelerometerJerk.mean…Y

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



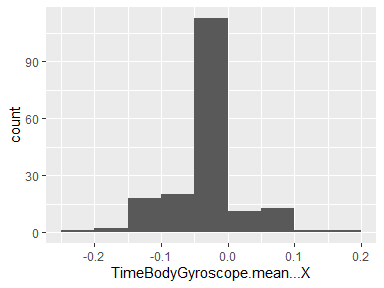
## TimeBodyAccelerometerJerk.mean…Z

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



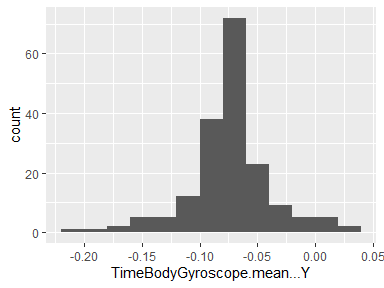
## TimeBodyGyroscope.mean…X

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



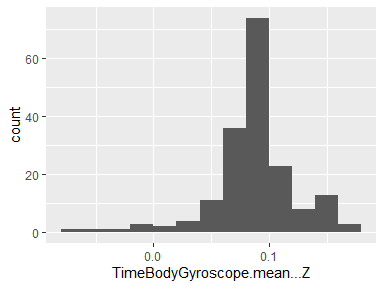
## TimeBodyGyroscope.mean…Y

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



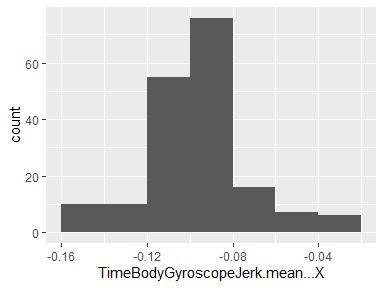
## TimeBodyGyroscope.mean…Z

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



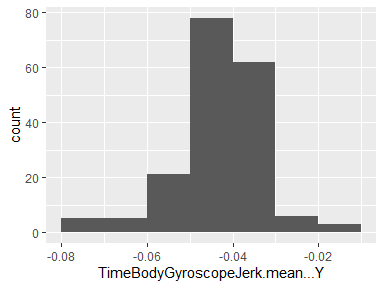
## TimeBodyGyroscopeJerk.mean…X

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



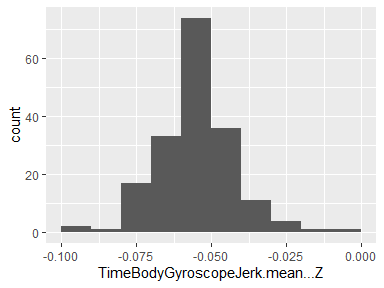
## TimeBodyGyroscopeJerk.mean…Y

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



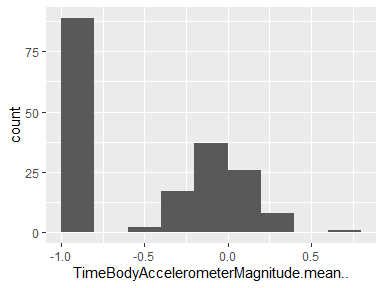
## TimeBodyGyroscopeJerk.mean…Z

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



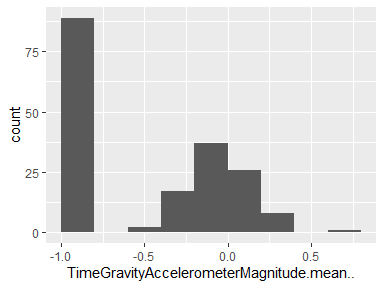
## TimeBodyAccelerometerMagnitude.mean..

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



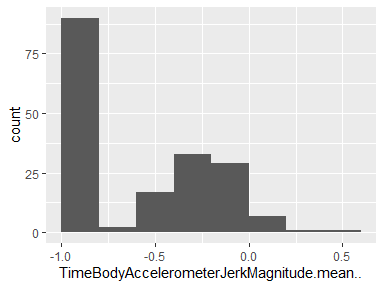
## TimeGravityAccelerometerMagnitude.mean..

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



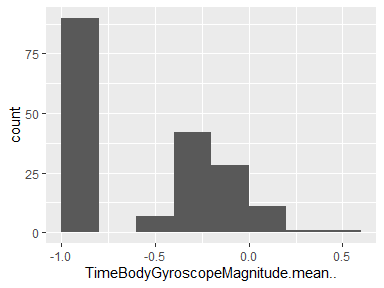
## TimeBodyAccelerometerJerkMagnitude.mean..

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



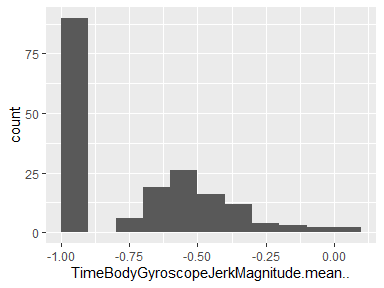
## TimeBodyGyroscopeMagnitude.mean..

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



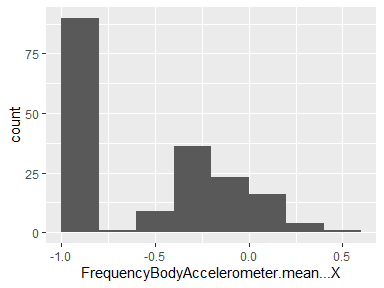
## TimeBodyGyroscopeJerkMagnitude.mean..

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



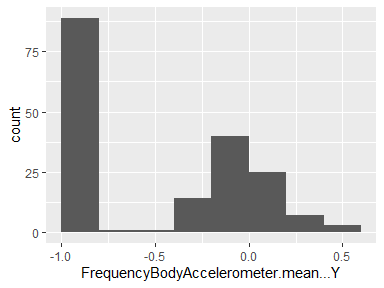
## FrequencyBodyAccelerometer.mean…X

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



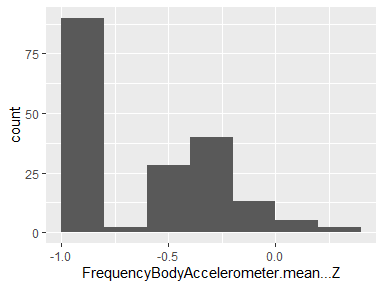
## FrequencyBodyAccelerometer.mean…Y

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



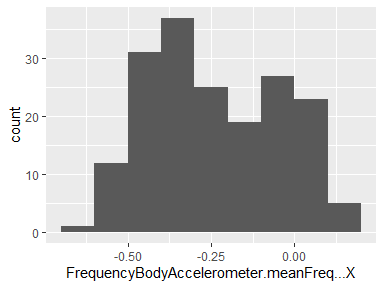
## FrequencyBodyAccelerometer.mean…Z

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



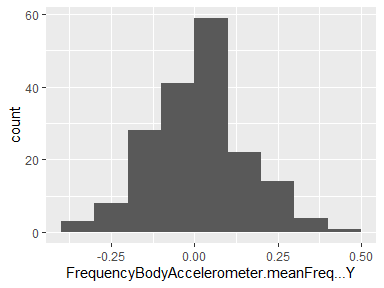
## FrequencyBodyAccelerometer.meanFreq…X

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



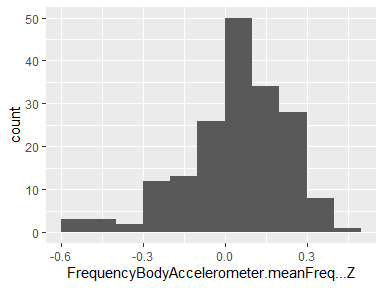
## FrequencyBodyAccelerometer.meanFreq…Y

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



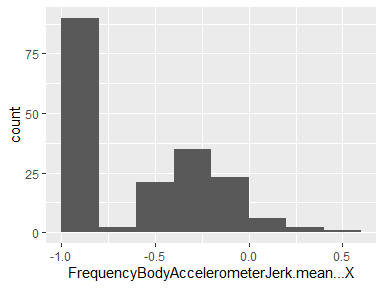
## FrequencyBodyAccelerometer.meanFreq…Z

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



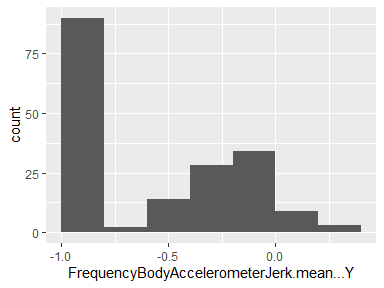
## FrequencyBodyAccelerometerJerk.mean…X

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



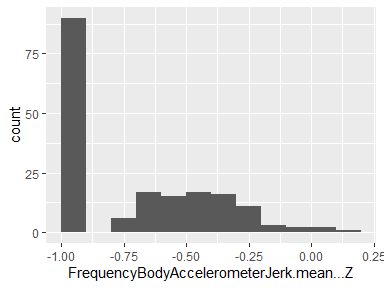
## FrequencyBodyAccelerometerJerk.mean…Y

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



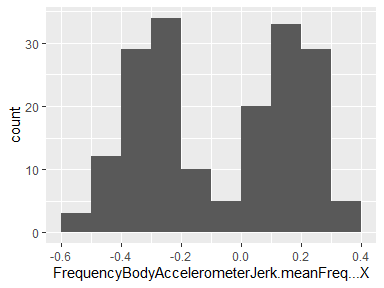
## FrequencyBodyAccelerometerJerk.mean…Z

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



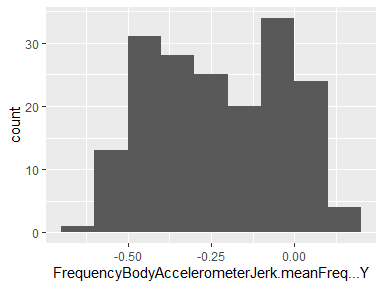
## FrequencyBodyAccelerometerJerk.meanFreq…X

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



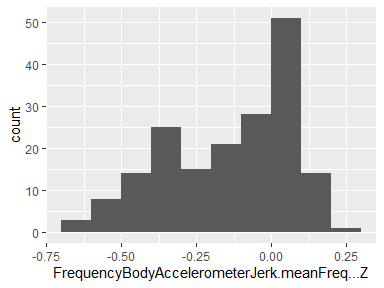
## FrequencyBodyAccelerometerJerk.meanFreq…Y

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



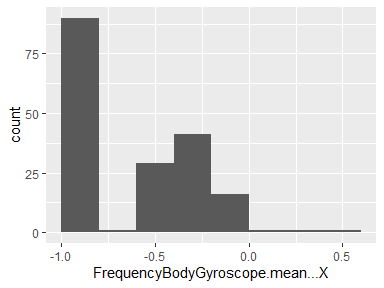
## FrequencyBodyAccelerometerJerk.meanFreq…Z

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



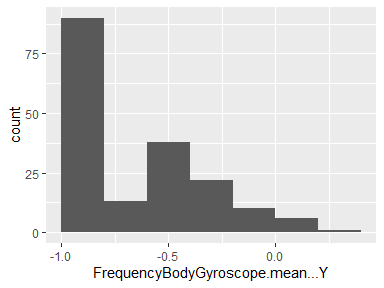
## FrequencyBodyGyroscope.mean…X

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



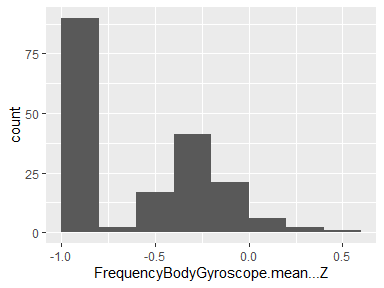
## FrequencyBodyGyroscope.mean…Y

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



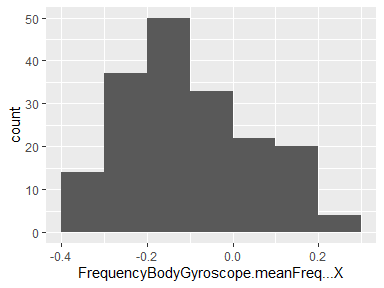
## FrequencyBodyGyroscope.mean…Z

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



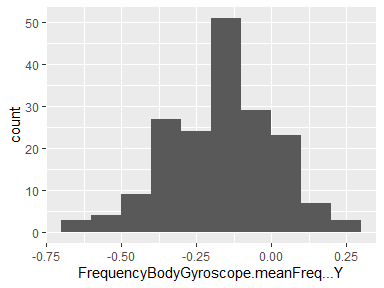
## FrequencyBodyGyroscope.meanFreq…X

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



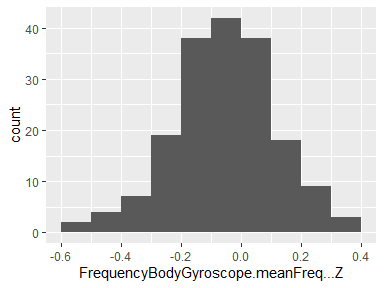
## FrequencyBodyGyroscope.meanFreq…Y

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



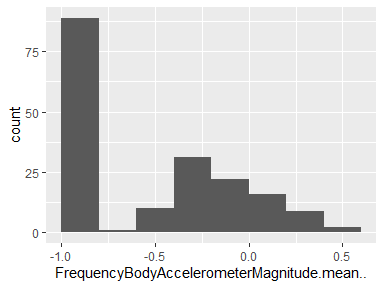
## FrequencyBodyGyroscope.meanFreq…Z

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



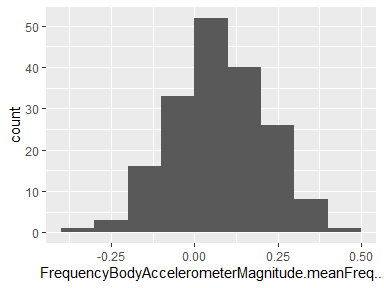
## FrequencyBodyAccelerometerMagnitude.mean..

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



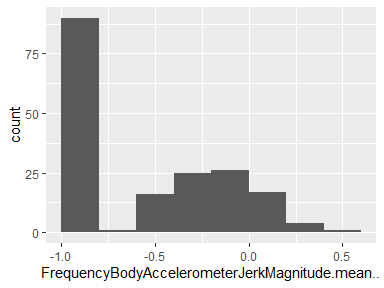
## FrequencyBodyAccelerometerMagnitude.meanFreq..

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



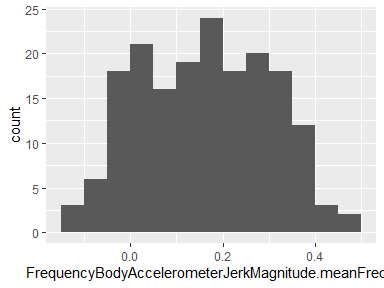
## FrequencyBodyAccelerometerJerkMagnitude.mean..

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



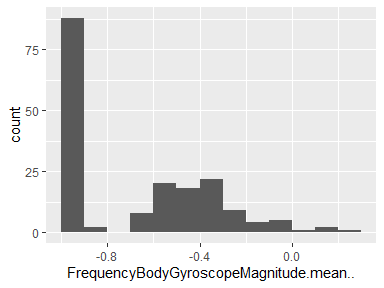
## FrequencyBodyAccelerometerJerkMagnitude.meanFreq..

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



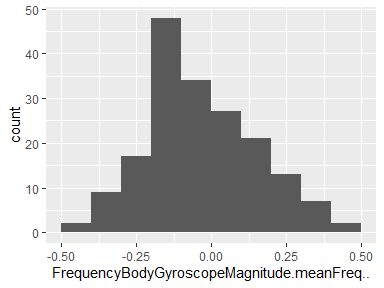
## FrequencyBodyGyroscopeMagnitude.mean..

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



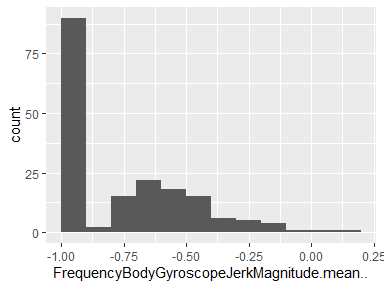
## FrequencyBodyGyroscopeMagnitude.meanFreq..

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



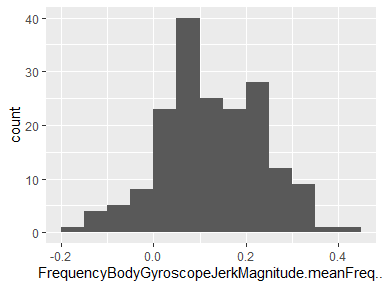
## FrequencyBodyGyroscopeJerkMagnitude.mean..

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



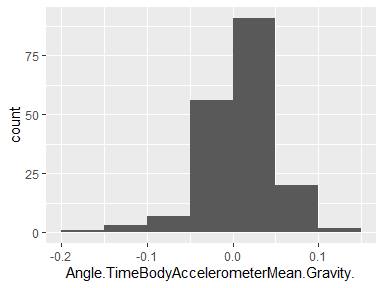
## FrequencyBodyGyroscopeJerkMagnitude.meanFreq..

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



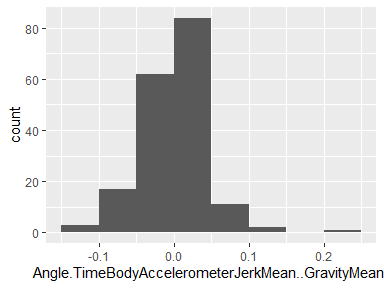
## Angle.TimeBodyAccelerometerMean.Gravity.

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0.01 |
| 1st and 3rd quartiles | -0.01; 0.02 |
| Min. and max. | -0.16; 0.13 |



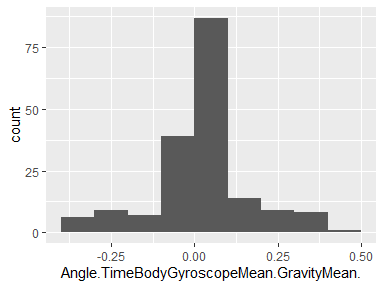
## Angle.TimeBodyAccelerometerJerkMean..GravityMean.

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0 |
| 1st and 3rd quartiles | -0.02; 0.02 |
| Min. and max. | -0.12; 0.2 |



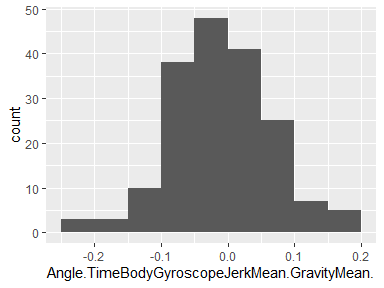
## Angle.TimeBodyGyroscopeMean.GravityMean.

|  |  |
| --- | --- |
| 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; 0.06 |
| Min. and max. | -0.39; 0.44 |



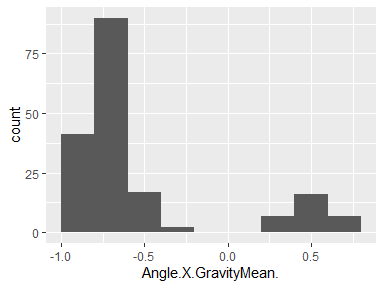
## Angle.TimeBodyGyroscopeJerkMean.GravityMean.

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.02 |
| 1st and 3rd quartiles | -0.06; 0.03 |
| Min. and max. | -0.22; 0.18 |



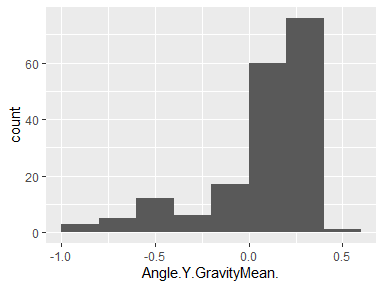
## Angle.X.GravityMean.

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.74 |
| 1st and 3rd quartiles | -0.79; -0.58 |
| Min. and max. | -0.95; 0.74 |



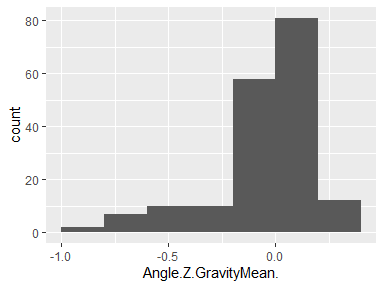
## Angle.Y.GravityMean.

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0.17 |
| 1st and 3rd quartiles | 0.02; 0.24 |
| Min. and max. | -0.87; 0.42 |



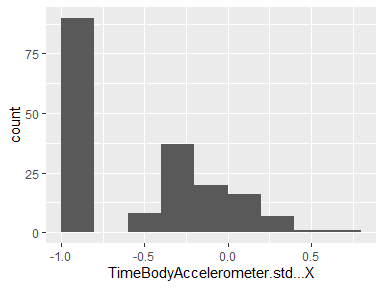
## Angle.Z.GravityMean.

|  |  |
| --- | --- |
| 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; 0.11 |
| Min. and max. | -0.87; 0.39 |



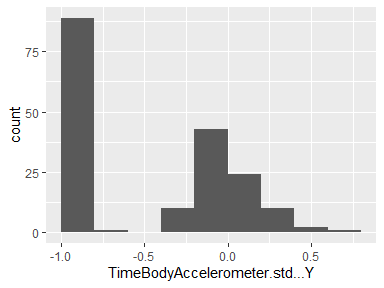
## TimeBodyAccelerometer.std…X

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



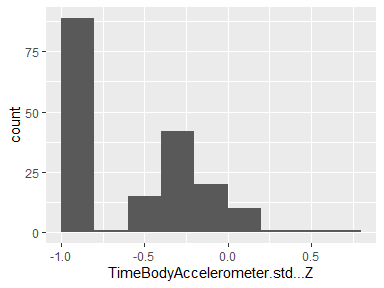
## TimeBodyAccelerometer.std…Y

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



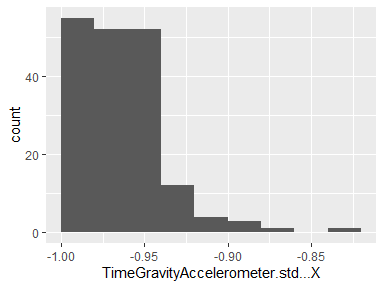
## TimeBodyAccelerometer.std…Z

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



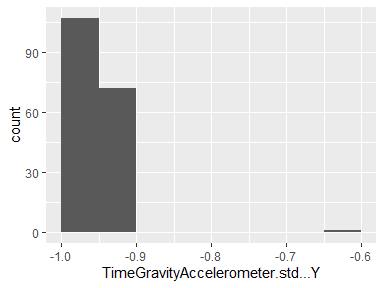
## TimeGravityAccelerometer.std…X

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



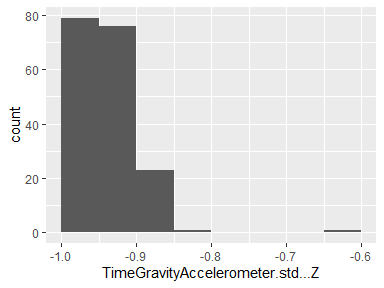
## TimeGravityAccelerometer.std…Y

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



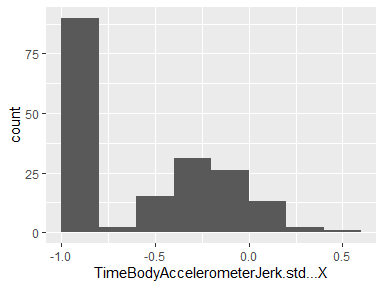
## TimeGravityAccelerometer.std…Z

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



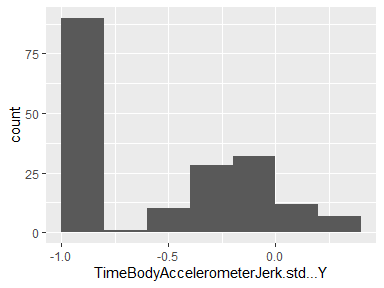
## TimeBodyAccelerometerJerk.std…X

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



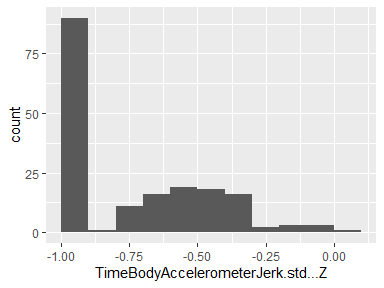
## TimeBodyAccelerometerJerk.std…Y

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



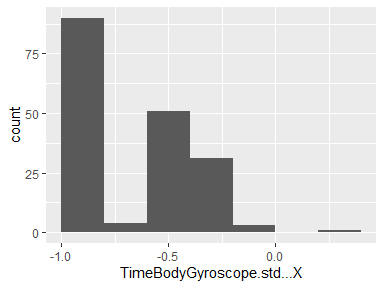
## TimeBodyAccelerometerJerk.std…Z

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



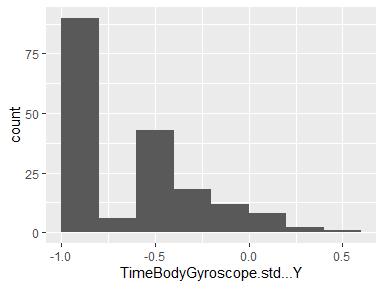
## TimeBodyGyroscope.std…X

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



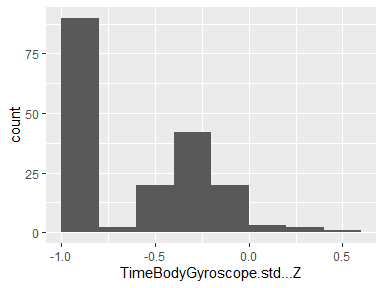
## TimeBodyGyroscope.std…Y

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



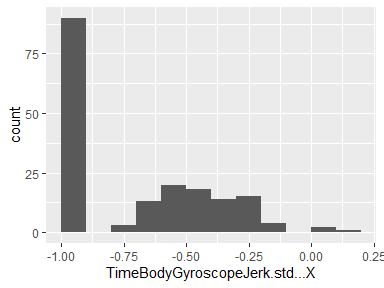
## TimeBodyGyroscope.std…Z

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



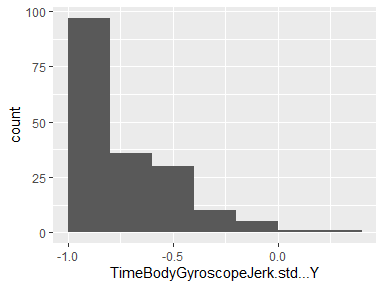
## TimeBodyGyroscopeJerk.std…X

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



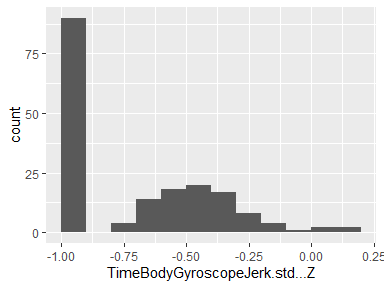
## TimeBodyGyroscopeJerk.std…Y

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



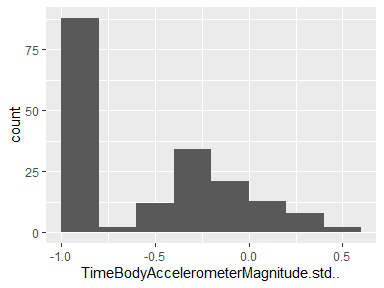
## TimeBodyGyroscopeJerk.std…Z

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



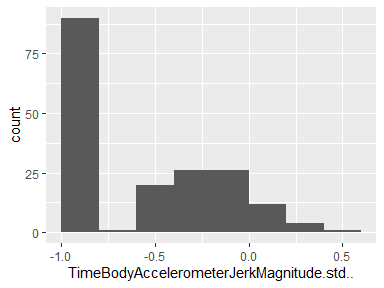
## TimeGravityAccelerometerMagnitude.std..

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



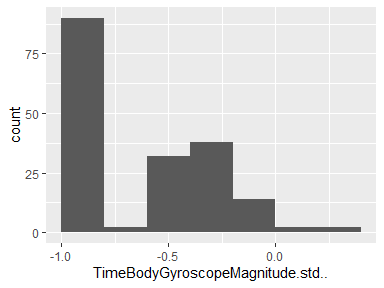
## TimeBodyAccelerometerJerkMagnitude.std..

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



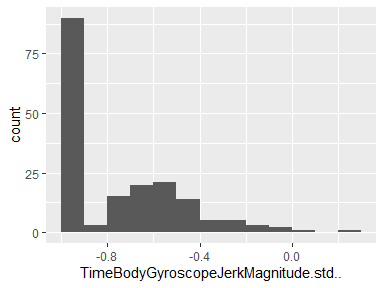
## TimeBodyGyroscopeMagnitude.std..

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



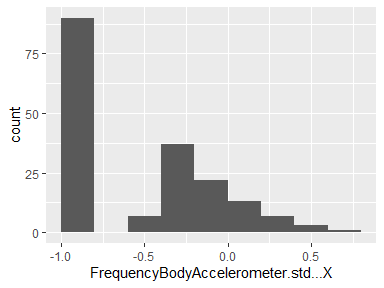
## TimeBodyGyroscopeJerkMagnitude.std..

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



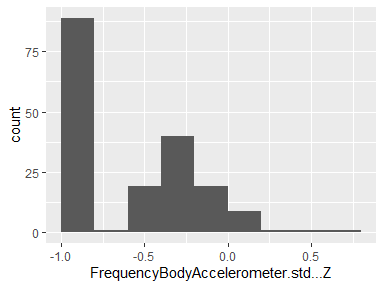
## FrequencyBodyAccelerometer.std…Y

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



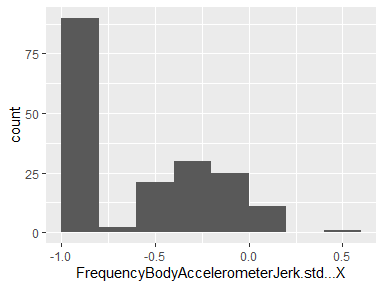
## FrequencyBodyAccelerometer.std…Z

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



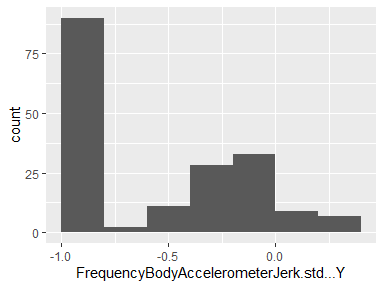
## FrequencyBodyAccelerometerJerk.std…X

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



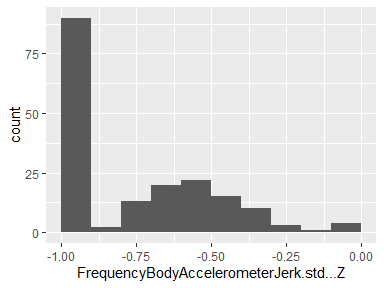
## FrequencyBodyAccelerometerJerk.std…Y

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



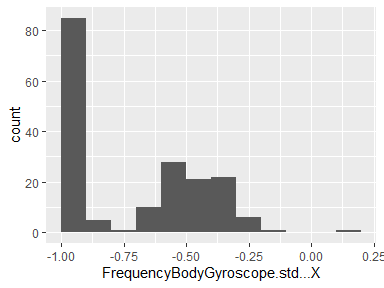
## FrequencyBodyAccelerometerJerk.std…Z

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



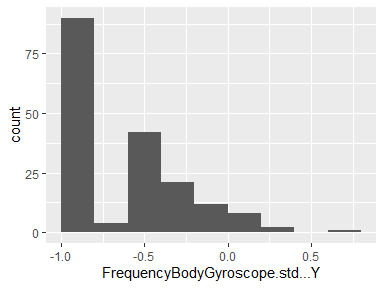
## FrequencyBodyGyroscope.std…X

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



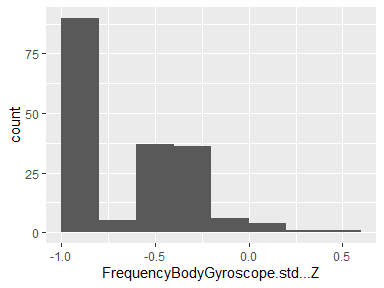
## FrequencyBodyGyroscope.std…Y

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



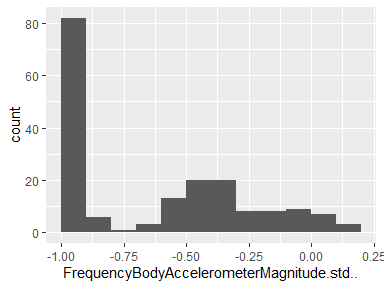
## FrequencyBodyGyroscope.std…Z

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



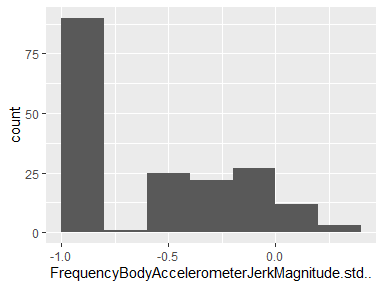
## FrequencyBodyAccelerometerMagnitude.std..

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



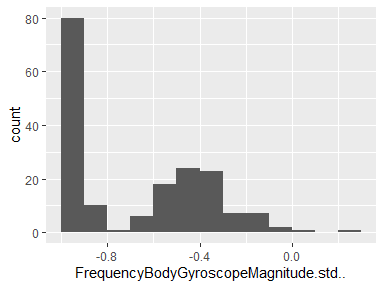
## FrequencyBodyAccelerometerJerkMagnitude.std..

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



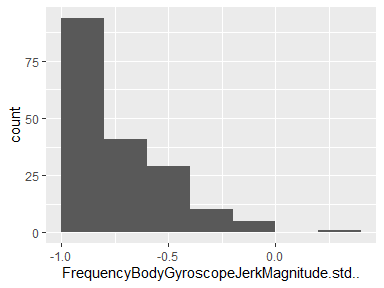
## FrequencyBodyGyroscopeMagnitude.std..

|  |  |
| --- | --- |
| 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: jmauney80 (username: Jen).
* Report creation time: Mon Jun 08 2020 11:07:45
* Report was run from directory: D:/Projects/Wk4\_Project
* dataMaid v1.4.0 [Pkg: 2019-12-10 from CRAN (R 3.6.3)]
* R version 3.6.3 (2020-02-29).
* Platform: x86\_64-w64-mingw32/x64 (64-bit)(Windows 10 x64 (build 18362)).
* Function call: dataMaid::makeDataReport(data = FinalData, mode = c("summarize", "visualize", "check"), smartNum = FALSE, file = "codebook\_FinalData.Rmd", 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 FinalData")