Codebook for tidy\_averages

Autogenerated data summary from dataMaid

2019-09-29 00:55:23

# Data report overview

The dataset examined has the following dimensions:

|  |  |
| --- | --- |
| Feature | Result |
| Number of observations | 180 |
| Number of variables | 81 |

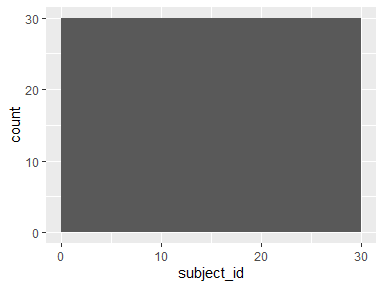
# Codebook summary table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Label | Variable | Class | # unique values | Missing | Description |
|  | [**subject\_id**](#subject_id) | integer | 30 | 0.00 % |  |
|  | [**activity\_name**](#activity_name) | factor | 6 | 0.00 % |  |
|  | [**tBodyAcc.mean…X**](#tbodyacc.meanx) | numeric | 180 | 0.00 % |  |
|  | [**tBodyAcc.mean…Y**](#tbodyacc.meany) | numeric | 180 | 0.00 % |  |
|  | [**tBodyAcc.mean…Z**](#tbodyacc.meanz) | numeric | 180 | 0.00 % |  |
|  | [**tBodyAcc.std…X**](#tbodyacc.stdx) | numeric | 180 | 0.00 % |  |
|  | [**tBodyAcc.std…Y**](#tbodyacc.stdy) | numeric | 180 | 0.00 % |  |
|  | [**tBodyAcc.std…Z**](#tbodyacc.stdz) | numeric | 180 | 0.00 % |  |
|  | [**tGravityAcc.mean…X**](#tgravityacc.meanx) | numeric | 180 | 0.00 % |  |
|  | [**tGravityAcc.mean…Y**](#tgravityacc.meany) | numeric | 180 | 0.00 % |  |
|  | [**tGravityAcc.mean…Z**](#tgravityacc.meanz) | numeric | 180 | 0.00 % |  |
|  | [**tGravityAcc.std…X**](#tgravityacc.stdx) | numeric | 180 | 0.00 % |  |
|  | [**tGravityAcc.std…Y**](#tgravityacc.stdy) | numeric | 180 | 0.00 % |  |
|  | [**tGravityAcc.std…Z**](#tgravityacc.stdz) | numeric | 180 | 0.00 % |  |
|  | [**tBodyAccJerk.mean…X**](#tbodyaccjerk.meanx) | numeric | 180 | 0.00 % |  |
|  | [**tBodyAccJerk.mean…Y**](#tbodyaccjerk.meany) | numeric | 180 | 0.00 % |  |
|  | [**tBodyAccJerk.mean…Z**](#tbodyaccjerk.meanz) | numeric | 180 | 0.00 % |  |
|  | [**tBodyAccJerk.std…X**](#tbodyaccjerk.stdx) | numeric | 180 | 0.00 % |  |
|  | [**tBodyAccJerk.std…Y**](#tbodyaccjerk.stdy) | numeric | 180 | 0.00 % |  |
|  | [**tBodyAccJerk.std…Z**](#tbodyaccjerk.stdz) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyro.mean…X**](#tbodygyro.meanx) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyro.mean…Y**](#tbodygyro.meany) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyro.mean…Z**](#tbodygyro.meanz) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyro.std…X**](#tbodygyro.stdx) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyro.std…Y**](#tbodygyro.stdy) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyro.std…Z**](#tbodygyro.stdz) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyroJerk.mean…X**](#tbodygyrojerk.meanx) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyroJerk.mean…Y**](#tbodygyrojerk.meany) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyroJerk.mean…Z**](#tbodygyrojerk.meanz) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyroJerk.std…X**](#tbodygyrojerk.stdx) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyroJerk.std…Y**](#tbodygyrojerk.stdy) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyroJerk.std…Z**](#tbodygyrojerk.stdz) | numeric | 180 | 0.00 % |  |
|  | [**tBodyAccMag.mean..**](#tbodyaccmag.mean..) | numeric | 180 | 0.00 % |  |
|  | [**tBodyAccMag.std..**](#tbodyaccmag.std..) | numeric | 180 | 0.00 % |  |
|  | [**tGravityAccMag.mean..**](#tgravityaccmag.mean..) | numeric | 180 | 0.00 % |  |
|  | [**tGravityAccMag.std..**](#tgravityaccmag.std..) | numeric | 180 | 0.00 % |  |
|  | [**tBodyAccJerkMag.mean..**](#tbodyaccjerkmag.mean..) | numeric | 180 | 0.00 % |  |
|  | [**tBodyAccJerkMag.std..**](#tbodyaccjerkmag.std..) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyroMag.mean..**](#tbodygyromag.mean..) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyroMag.std..**](#tbodygyromag.std..) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyroJerkMag.mean..**](#tbodygyrojerkmag.mean..) | numeric | 180 | 0.00 % |  |
|  | [**tBodyGyroJerkMag.std..**](#tbodygyrojerkmag.std..) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAcc.mean…X**](#fbodyacc.meanx) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAcc.mean…Y**](#fbodyacc.meany) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAcc.mean…Z**](#fbodyacc.meanz) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAcc.std…X**](#fbodyacc.stdx) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAcc.std…Y**](#fbodyacc.stdy) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAcc.std…Z**](#fbodyacc.stdz) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAcc.meanFreq…X**](#fbodyacc.meanfreqx) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAcc.meanFreq…Y**](#fbodyacc.meanfreqy) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAcc.meanFreq…Z**](#fbodyacc.meanfreqz) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccJerk.mean…X**](#fbodyaccjerk.meanx) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccJerk.mean…Y**](#fbodyaccjerk.meany) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccJerk.mean…Z**](#fbodyaccjerk.meanz) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccJerk.std…X**](#fbodyaccjerk.stdx) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccJerk.std…Y**](#fbodyaccjerk.stdy) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccJerk.std…Z**](#fbodyaccjerk.stdz) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccJerk.meanFreq…X**](#fbodyaccjerk.meanfreqx) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccJerk.meanFreq…Y**](#fbodyaccjerk.meanfreqy) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccJerk.meanFreq…Z**](#fbodyaccjerk.meanfreqz) | numeric | 180 | 0.00 % |  |
|  | [**fBodyGyro.mean…X**](#fbodygyro.meanx) | numeric | 180 | 0.00 % |  |
|  | [**fBodyGyro.mean…Y**](#fbodygyro.meany) | numeric | 180 | 0.00 % |  |
|  | [**fBodyGyro.mean…Z**](#fbodygyro.meanz) | numeric | 180 | 0.00 % |  |
|  | [**fBodyGyro.std…X**](#fbodygyro.stdx) | numeric | 180 | 0.00 % |  |
|  | [**fBodyGyro.std…Y**](#fbodygyro.stdy) | numeric | 180 | 0.00 % |  |
|  | [**fBodyGyro.std…Z**](#fbodygyro.stdz) | numeric | 180 | 0.00 % |  |
|  | [**fBodyGyro.meanFreq…X**](#fbodygyro.meanfreqx) | numeric | 180 | 0.00 % |  |
|  | [**fBodyGyro.meanFreq…Y**](#fbodygyro.meanfreqy) | numeric | 180 | 0.00 % |  |
|  | [**fBodyGyro.meanFreq…Z**](#fbodygyro.meanfreqz) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccMag.mean..**](#fbodyaccmag.mean..) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccMag.std..**](#fbodyaccmag.std..) | numeric | 180 | 0.00 % |  |
|  | [**fBodyAccMag.meanFreq..**](#fbodyaccmag.meanfreq..) | numeric | 180 | 0.00 % |  |
|  | [**fBodyBodyAccJerkMag.mean..**](#fbodybodyaccjerkmag.mean..) | numeric | 180 | 0.00 % |  |
|  | [**fBodyBodyAccJerkMag.std..**](#fbodybodyaccjerkmag.std..) | numeric | 180 | 0.00 % |  |
|  | [**fBodyBodyAccJerkMag.meanFreq..**](#fbodybodyaccjerkmag.meanfreq..) | numeric | 180 | 0.00 % |  |
|  | [**fBodyBodyGyroMag.mean..**](#fbodybodygyromag.mean..) | numeric | 180 | 0.00 % |  |
|  | [**fBodyBodyGyroMag.std..**](#fbodybodygyromag.std..) | numeric | 180 | 0.00 % |  |
|  | [**fBodyBodyGyroMag.meanFreq..**](#fbodybodygyromag.meanfreq..) | numeric | 180 | 0.00 % |  |
|  | [**fBodyBodyGyroJerkMag.mean..**](#fbodybodygyrojerkmag.mean..) | numeric | 180 | 0.00 % |  |
|  | [**fBodyBodyGyroJerkMag.std..**](#fbodybodygyrojerkmag.std..) | numeric | 180 | 0.00 % |  |
|  | [**fBodyBodyGyroJerkMag.meanFreq..**](#fbodybodygyrojerkmag.meanfreq..) | numeric | 180 | 0.00 % |  |

# Variable list

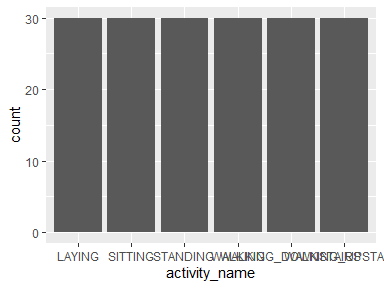
## subject\_id

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



## activity\_name

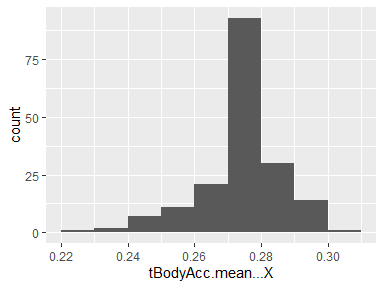
|  |  |
| --- | --- |
| Feature | Result |
| Variable type | factor |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 6 |
| Mode | “LAYING” |
| Reference category | LAYING |



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

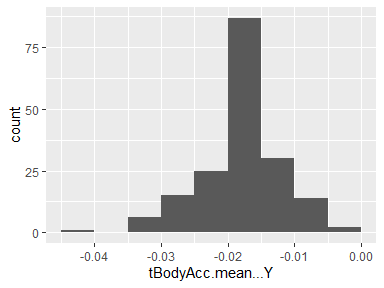
## tBodyAcc.mean…X

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



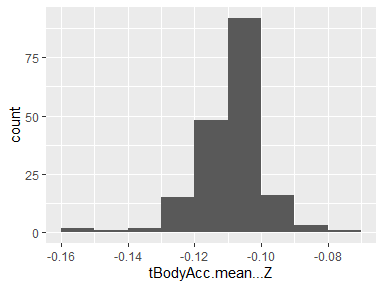
## tBodyAcc.mean…Y

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



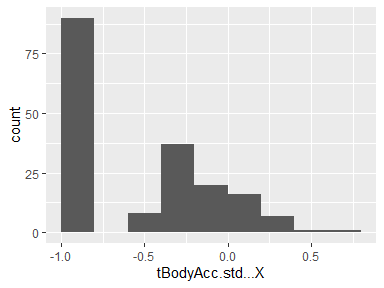
## tBodyAcc.mean…Z

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



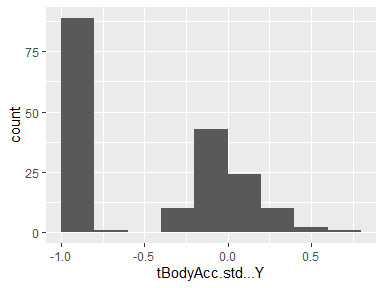
## tBodyAcc.std…X

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



## tBodyAcc.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 |



## tBodyAcc.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 |



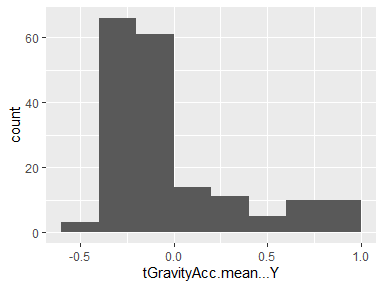
## tGravityAcc.mean…X

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



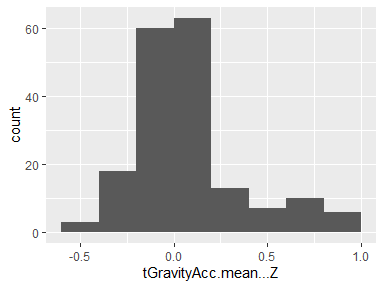
## tGravityAcc.mean…Y

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



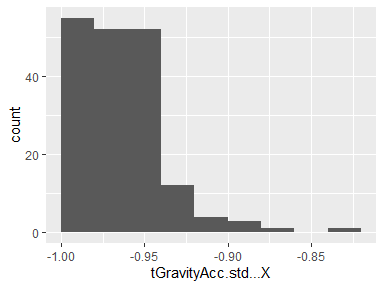
## tGravityAcc.mean…Z

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



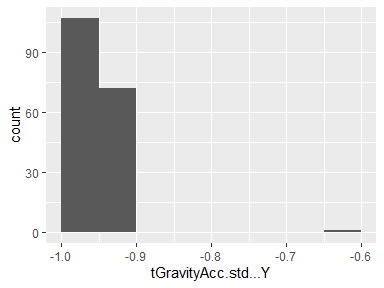
## tGravityAcc.std…X

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



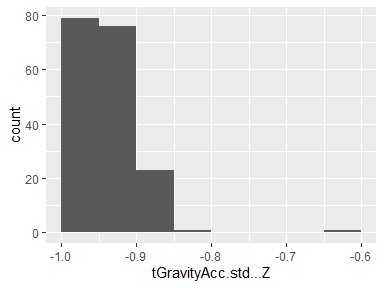
## tGravityAcc.std…Y

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



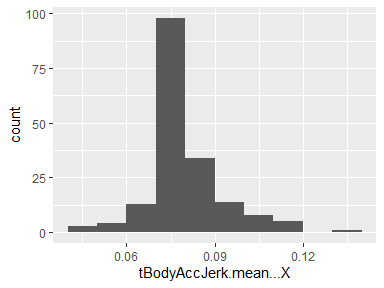
## tGravityAcc.std…Z

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



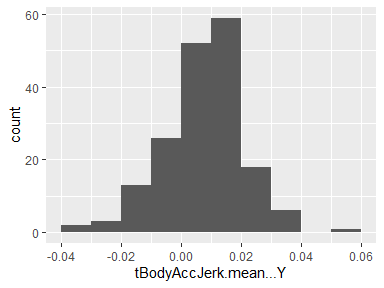
## tBodyAccJerk.mean…X

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



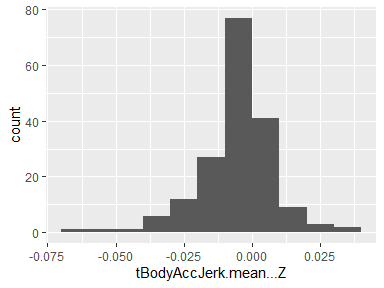
## tBodyAccJerk.mean…Y

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



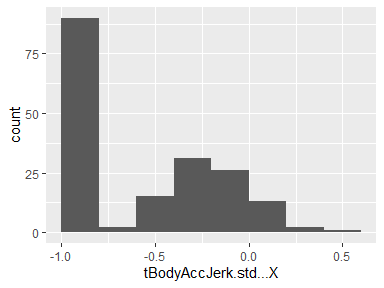
## tBodyAccJerk.mean…Z

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



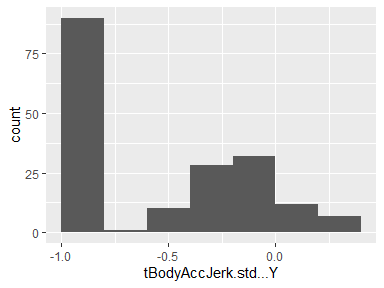
## tBodyAccJerk.std…X

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



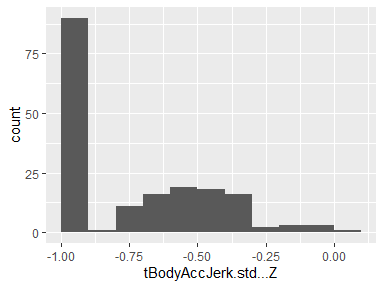
## tBodyAccJerk.std…Y

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



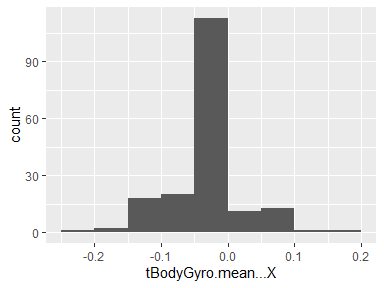
## tBodyAccJerk.std…Z

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



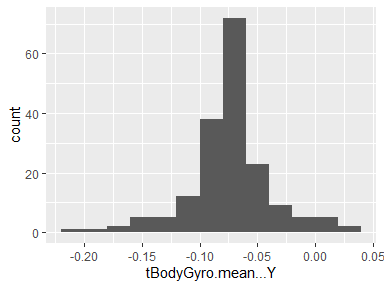
## tBodyGyro.mean…X

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



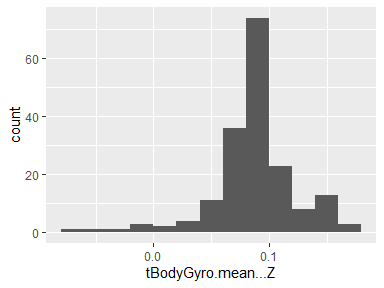
## tBodyGyro.mean…Y

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



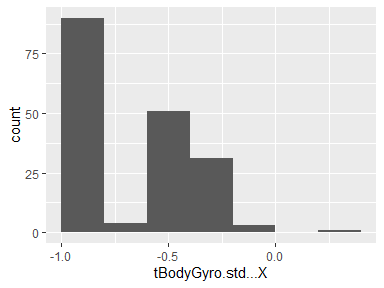
## tBodyGyro.mean…Z

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



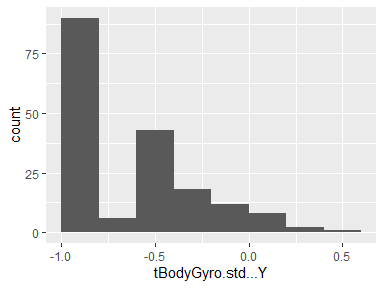
## tBodyGyro.std…X

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



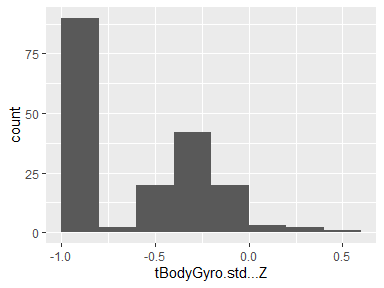
## tBodyGyro.std…Y

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



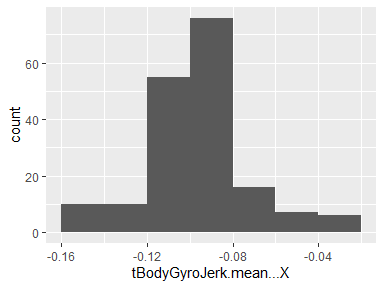
## tBodyGyro.std…Z

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



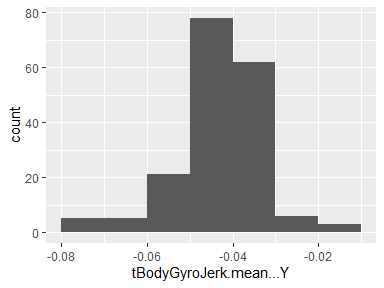
## tBodyGyroJerk.mean…X

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



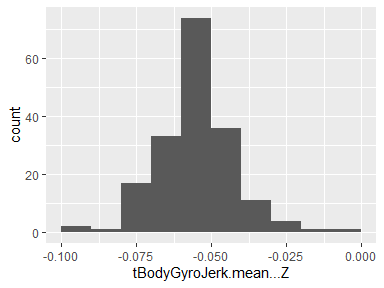
## tBodyGyroJerk.mean…Y

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



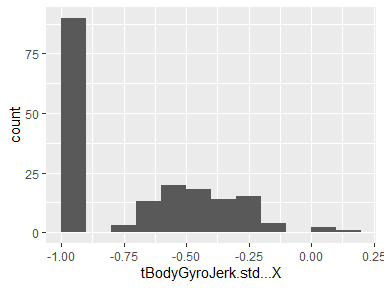
## tBodyGyroJerk.mean…Z

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



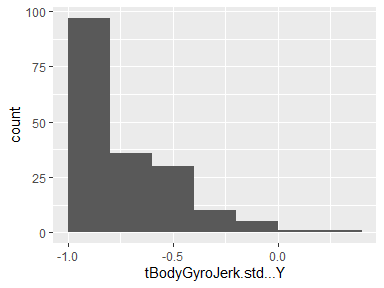
## tBodyGyroJerk.std…X

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



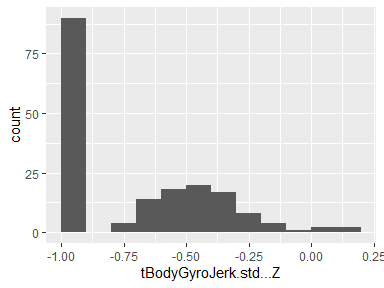
## tBodyGyroJerk.std…Y

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



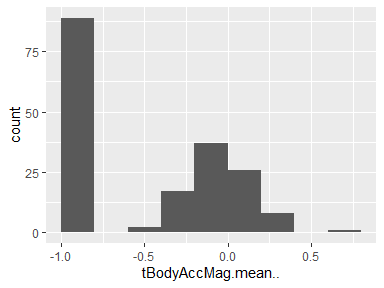
## tBodyGyroJerk.std…Z

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



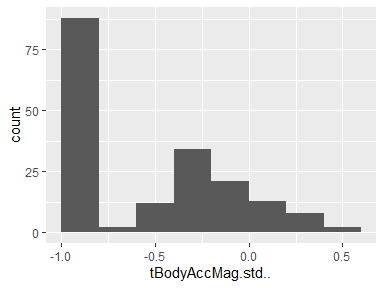
## tBodyAccMag.mean..

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



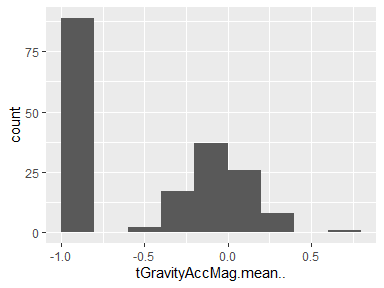
## tBodyAccMag.std..

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



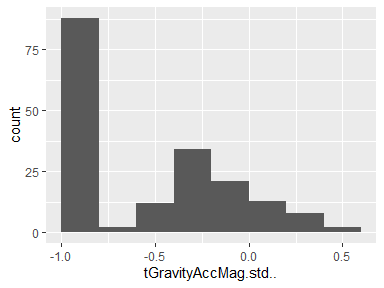
## tGravityAccMag.mean..

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



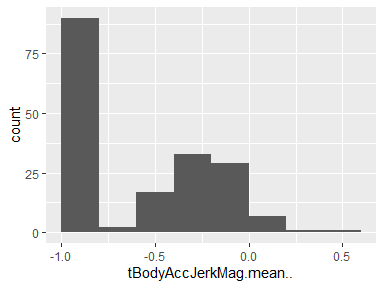
## tGravityAccMag.std..

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



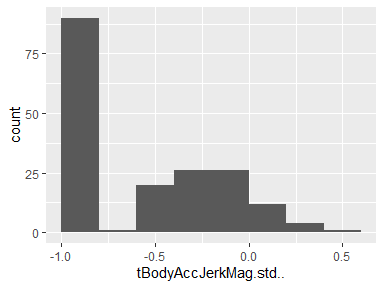
## tBodyAccJerkMag.mean..

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



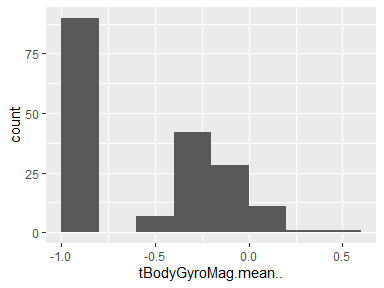
## tBodyAccJerkMag.std..

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



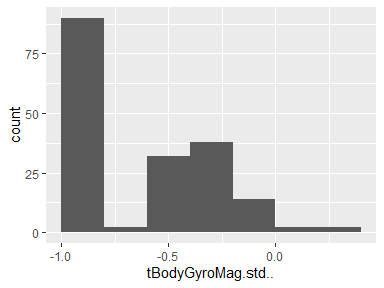
## tBodyGyroMag.mean..

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



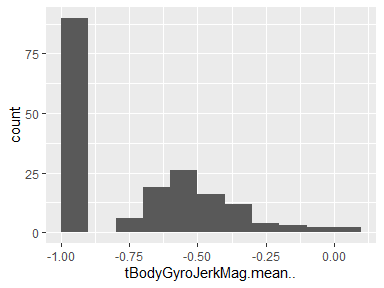
## tBodyGyroMag.std..

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



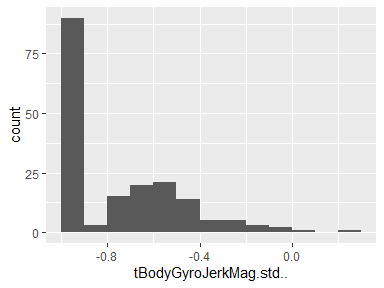
## tBodyGyroJerkMag.mean..

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



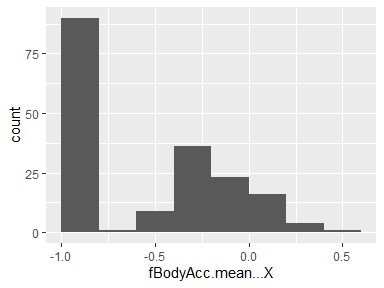
## tBodyGyroJerkMag.std..

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



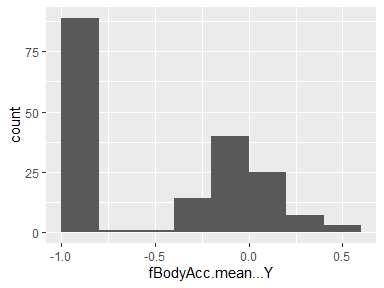
## fBodyAcc.mean…X

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



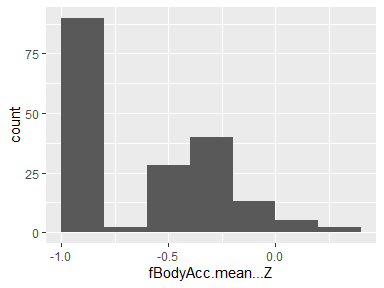
## fBodyAcc.mean…Y

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



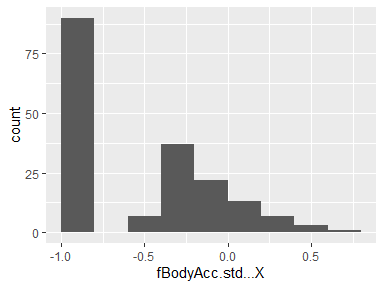
## fBodyAcc.mean…Z

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



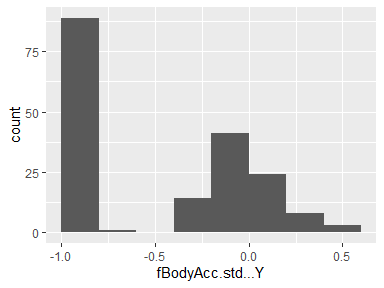
## fBodyAcc.std…X

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



## fBodyAcc.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 |



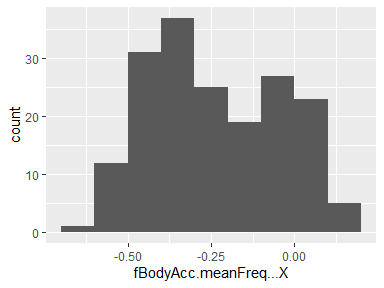
## fBodyAcc.std…Z

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



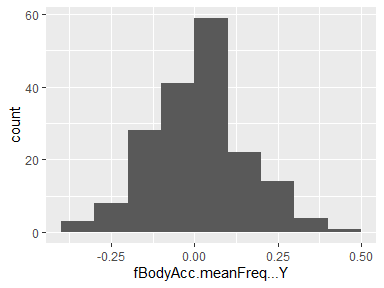
## fBodyAcc.meanFreq…X

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



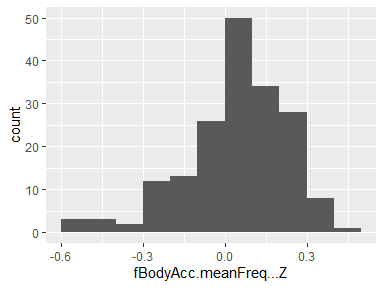
## fBodyAcc.meanFreq…Y

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



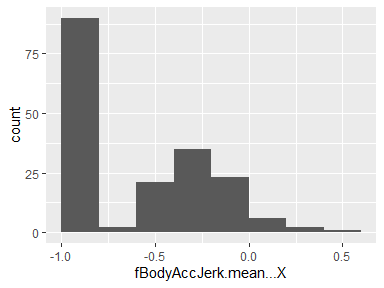
## fBodyAcc.meanFreq…Z

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



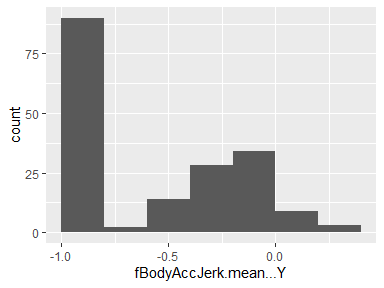
## fBodyAccJerk.mean…X

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



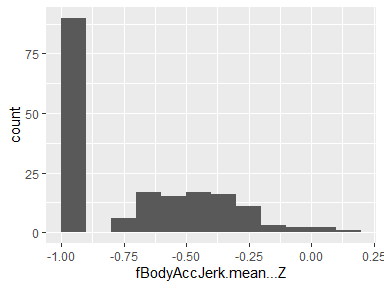
## fBodyAccJerk.mean…Y

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



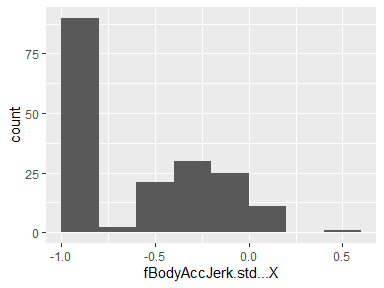
## fBodyAccJerk.mean…Z

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



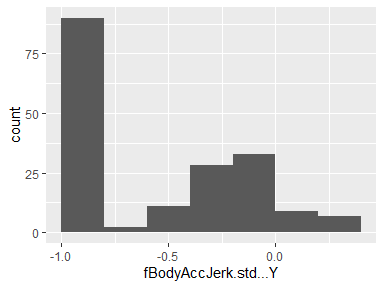
## fBodyAccJerk.std…X

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



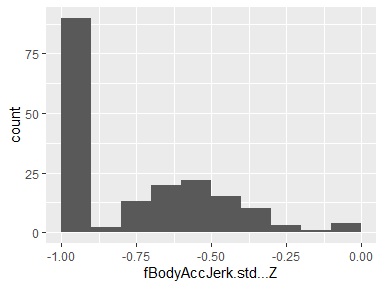
## fBodyAccJerk.std…Y

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



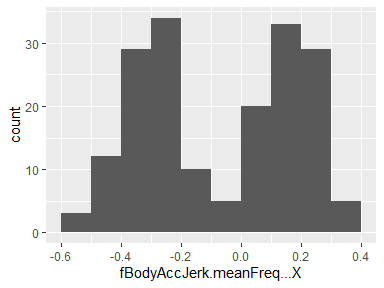
## fBodyAccJerk.std…Z

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



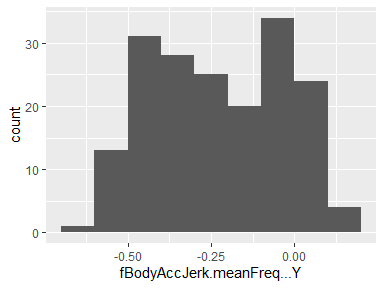
## fBodyAccJerk.meanFreq…X

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



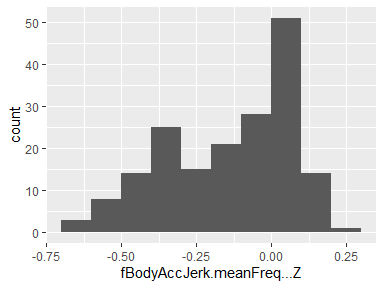
## fBodyAccJerk.meanFreq…Y

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



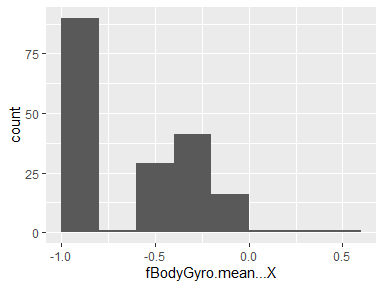
## fBodyAccJerk.meanFreq…Z

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



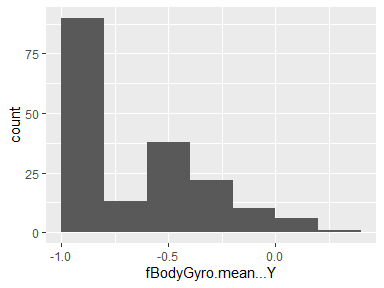
## fBodyGyro.mean…X

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



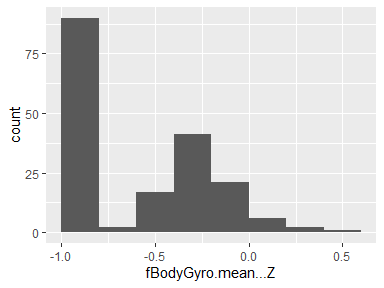
## fBodyGyro.mean…Y

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



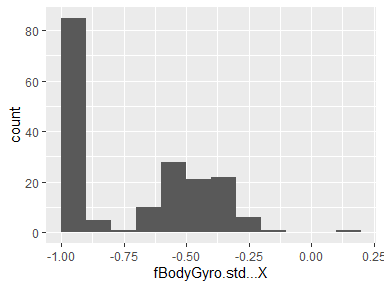
## fBodyGyro.mean…Z

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



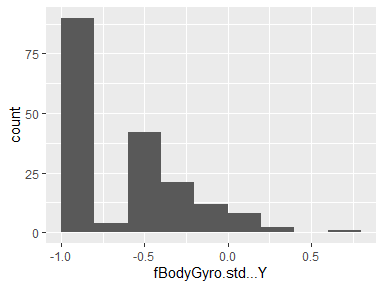
## fBodyGyro.std…X

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



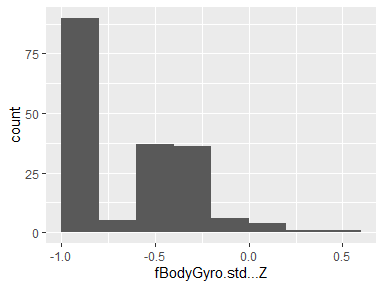
## fBodyGyro.std…Y

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



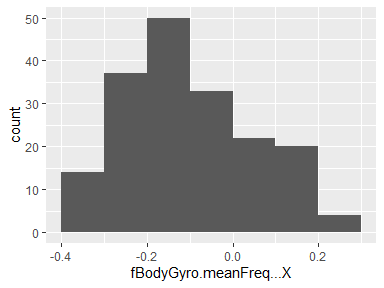
## fBodyGyro.std…Z

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



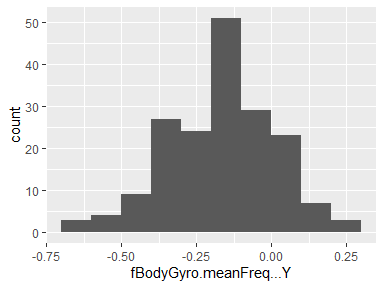
## fBodyGyro.meanFreq…X

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



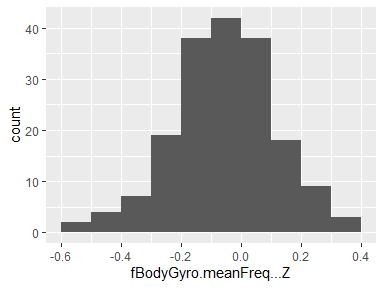
## fBodyGyro.meanFreq…Y

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



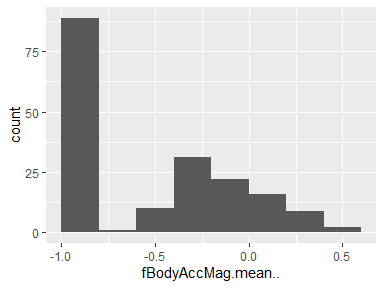
## fBodyGyro.meanFreq…Z

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



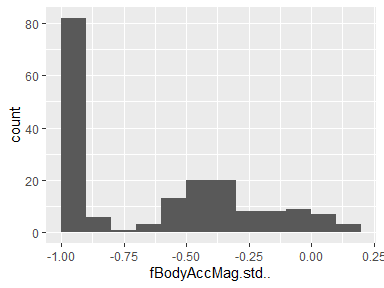
## fBodyAccMag.mean..

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



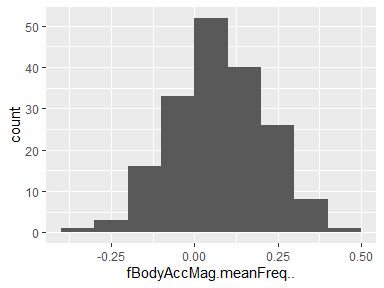
## fBodyAccMag.std..

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



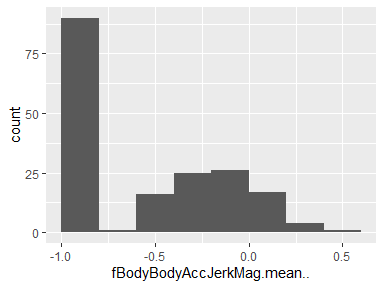
## fBodyAccMag.meanFreq..

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



## fBodyBodyAccJerkMag.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 |



## fBodyBodyAccJerkMag.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 |



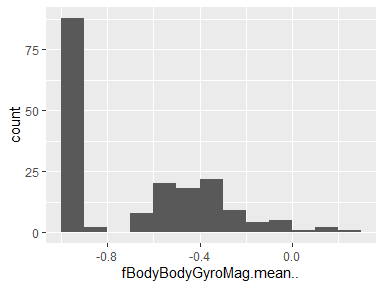
## fBodyBodyAccJerkMag.meanFreq..

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



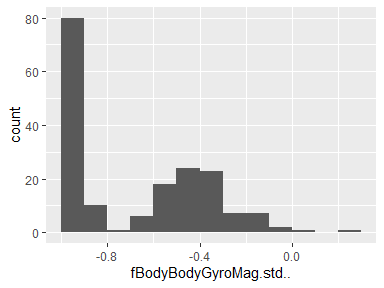
## fBodyBodyGyroMag.mean..

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



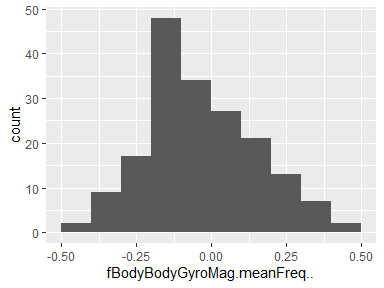
## fBodyBodyGyroMag.std..

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



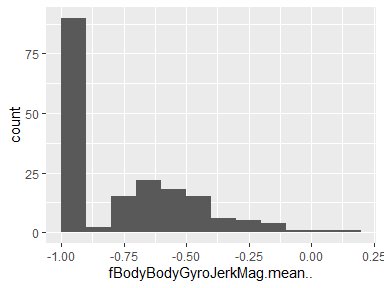
## fBodyBodyGyroMag.meanFreq..

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



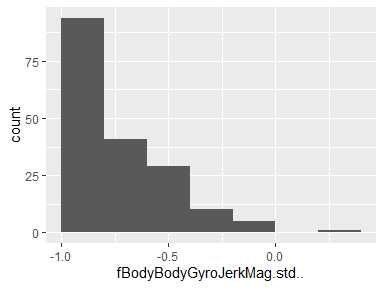
## fBodyBodyGyroJerkMag.mean..

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



## fBodyBodyGyroJerkMag.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 |



## fBodyBodyGyroJerkMag.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 |



Report generation information:

* Created by Peter Bangdiwala (username: pbangdiwala).
* Report creation time: Sun Sep 29 2019 00:55:25
* Report was run from directory: C:/RStudioProjects/C3Project/human-activity
* 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 18362)).
* Function call: makeDataReport(data = tidy\_averages, mode = c("summarize", "visualize", "check"), smartNum = FALSE, file = "codebook\_tidy\_averages.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 tidy\_averages")