Codebook for df\_tidy

Autogenerated data summary from dataMaid

2020-01-22 11:54:09

# Data report overview

The dataset examined has the following dimensions:

|  |  |
| --- | --- |
| Feature | Result |
| Number of observations | 126 |
| Number of variables | 88 |

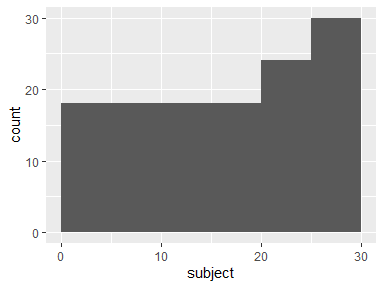
# Codebook summary table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Label | Variable | Class | # unique values | Missing | Description |
|  | [**subject**](#subject) | integer | 21 | 0.00 % |  |
|  | [**activity**](#activity) | factor | 6 | 0.00 % |  |
|  | [**tbodyacc-mean()-x**](#tbodyacc-mean-x) | numeric | 126 | 0.00 % |  |
|  | [**tbodyacc-mean()-y**](#tbodyacc-mean-y) | numeric | 126 | 0.00 % |  |
|  | [**tbodyacc-mean()-z**](#tbodyacc-mean-z) | numeric | 126 | 0.00 % |  |
|  | [**tbodyacc-std()-x**](#tbodyacc-std-x) | numeric | 126 | 0.00 % |  |
|  | [**tbodyacc-std()-y**](#tbodyacc-std-y) | numeric | 126 | 0.00 % |  |
|  | [**tbodyacc-std()-z**](#tbodyacc-std-z) | numeric | 126 | 0.00 % |  |
|  | [**tgravityacc-mean()-x**](#tgravityacc-mean-x) | numeric | 126 | 0.00 % |  |
|  | [**tgravityacc-mean()-y**](#tgravityacc-mean-y) | numeric | 126 | 0.00 % |  |
|  | [**tgravityacc-mean()-z**](#tgravityacc-mean-z) | numeric | 126 | 0.00 % |  |
|  | [**tgravityacc-std()-x**](#tgravityacc-std-x) | numeric | 126 | 0.00 % |  |
|  | [**tgravityacc-std()-y**](#tgravityacc-std-y) | numeric | 126 | 0.00 % |  |
|  | [**tgravityacc-std()-z**](#tgravityacc-std-z) | numeric | 126 | 0.00 % |  |
|  | [**tbodyaccjerk-mean()-x**](#tbodyaccjerk-mean-x) | numeric | 126 | 0.00 % |  |
|  | [**tbodyaccjerk-mean()-y**](#tbodyaccjerk-mean-y) | numeric | 126 | 0.00 % |  |
|  | [**tbodyaccjerk-mean()-z**](#tbodyaccjerk-mean-z) | numeric | 126 | 0.00 % |  |
|  | [**tbodyaccjerk-std()-x**](#tbodyaccjerk-std-x) | numeric | 126 | 0.00 % |  |
|  | [**tbodyaccjerk-std()-y**](#tbodyaccjerk-std-y) | numeric | 126 | 0.00 % |  |
|  | [**tbodyaccjerk-std()-z**](#tbodyaccjerk-std-z) | numeric | 126 | 0.00 % |  |
|  | [**tbodygyro-mean()-x**](#tbodygyro-mean-x) | numeric | 126 | 0.00 % |  |
|  | [**tbodygyro-mean()-y**](#tbodygyro-mean-y) | numeric | 126 | 0.00 % |  |
|  | [**tbodygyro-mean()-z**](#tbodygyro-mean-z) | numeric | 126 | 0.00 % |  |
|  | [**tbodygyro-std()-x**](#tbodygyro-std-x) | numeric | 126 | 0.00 % |  |
|  | [**tbodygyro-std()-y**](#tbodygyro-std-y) | numeric | 126 | 0.00 % |  |
|  | [**tbodygyro-std()-z**](#tbodygyro-std-z) | numeric | 126 | 0.00 % |  |
|  | [**tbodygyrojerk-mean()-x**](#tbodygyrojerk-mean-x) | numeric | 126 | 0.00 % |  |
|  | [**tbodygyrojerk-mean()-y**](#tbodygyrojerk-mean-y) | numeric | 126 | 0.00 % |  |
|  | [**tbodygyrojerk-mean()-z**](#tbodygyrojerk-mean-z) | numeric | 126 | 0.00 % |  |
|  | [**tbodygyrojerk-std()-x**](#tbodygyrojerk-std-x) | numeric | 126 | 0.00 % |  |
|  | [**tbodygyrojerk-std()-y**](#tbodygyrojerk-std-y) | numeric | 126 | 0.00 % |  |
|  | [**tbodygyrojerk-std()-z**](#tbodygyrojerk-std-z) | numeric | 126 | 0.00 % |  |
|  | [**tbodyaccmag-mean()**](#tbodyaccmag-mean) | numeric | 126 | 0.00 % |  |
|  | [**tbodyaccmag-std()**](#tbodyaccmag-std) | numeric | 126 | 0.00 % |  |
|  | [**tgravityaccmag-mean()**](#tgravityaccmag-mean) | numeric | 126 | 0.00 % |  |
|  | [**tgravityaccmag-std()**](#tgravityaccmag-std) | numeric | 126 | 0.00 % |  |
|  | [**tbodyaccjerkmag-mean()**](#tbodyaccjerkmag-mean) | numeric | 126 | 0.00 % |  |
|  | [**tbodyaccjerkmag-std()**](#tbodyaccjerkmag-std) | numeric | 126 | 0.00 % |  |
|  | [**tbodygyromag-mean()**](#tbodygyromag-mean) | numeric | 126 | 0.00 % |  |
|  | [**tbodygyromag-std()**](#tbodygyromag-std) | numeric | 126 | 0.00 % |  |
|  | [**tbodygyrojerkmag-mean()**](#tbodygyrojerkmag-mean) | numeric | 126 | 0.00 % |  |
|  | [**tbodygyrojerkmag-std()**](#tbodygyrojerkmag-std) | numeric | 126 | 0.00 % |  |
|  | [**fbodyacc-mean()-x**](#fbodyacc-mean-x) | numeric | 126 | 0.00 % |  |
|  | [**fbodyacc-mean()-y**](#fbodyacc-mean-y) | numeric | 126 | 0.00 % |  |
|  | [**fbodyacc-mean()-z**](#fbodyacc-mean-z) | numeric | 126 | 0.00 % |  |
|  | [**fbodyacc-std()-x**](#fbodyacc-std-x) | numeric | 126 | 0.00 % |  |
|  | [**fbodyacc-std()-y**](#fbodyacc-std-y) | numeric | 126 | 0.00 % |  |
|  | [**fbodyacc-std()-z**](#fbodyacc-std-z) | numeric | 126 | 0.00 % |  |
|  | [**fbodyacc-meanfreq()-x**](#fbodyacc-meanfreq-x) | numeric | 126 | 0.00 % |  |
|  | [**fbodyacc-meanfreq()-y**](#fbodyacc-meanfreq-y) | numeric | 126 | 0.00 % |  |
|  | [**fbodyacc-meanfreq()-z**](#fbodyacc-meanfreq-z) | numeric | 126 | 0.00 % |  |
|  | [**fbodyaccjerk-mean()-x**](#fbodyaccjerk-mean-x) | numeric | 126 | 0.00 % |  |
|  | [**fbodyaccjerk-mean()-y**](#fbodyaccjerk-mean-y) | numeric | 126 | 0.00 % |  |
|  | [**fbodyaccjerk-mean()-z**](#fbodyaccjerk-mean-z) | numeric | 126 | 0.00 % |  |
|  | [**fbodyaccjerk-std()-x**](#fbodyaccjerk-std-x) | numeric | 126 | 0.00 % |  |
|  | [**fbodyaccjerk-std()-y**](#fbodyaccjerk-std-y) | numeric | 126 | 0.00 % |  |
|  | [**fbodyaccjerk-std()-z**](#fbodyaccjerk-std-z) | numeric | 126 | 0.00 % |  |
|  | [**fbodyaccjerk-meanfreq()-x**](#fbodyaccjerk-meanfreq-x) | numeric | 126 | 0.00 % |  |
|  | [**fbodyaccjerk-meanfreq()-y**](#fbodyaccjerk-meanfreq-y) | numeric | 126 | 0.00 % |  |
|  | [**fbodyaccjerk-meanfreq()-z**](#fbodyaccjerk-meanfreq-z) | numeric | 126 | 0.00 % |  |
|  | [**fbodygyro-mean()-x**](#fbodygyro-mean-x) | numeric | 126 | 0.00 % |  |
|  | [**fbodygyro-mean()-y**](#fbodygyro-mean-y) | numeric | 126 | 0.00 % |  |
|  | [**fbodygyro-mean()-z**](#fbodygyro-mean-z) | numeric | 126 | 0.00 % |  |
|  | [**fbodygyro-std()-x**](#fbodygyro-std-x) | numeric | 126 | 0.00 % |  |
|  | [**fbodygyro-std()-y**](#fbodygyro-std-y) | numeric | 126 | 0.00 % |  |
|  | [**fbodygyro-std()-z**](#fbodygyro-std-z) | numeric | 126 | 0.00 % |  |
|  | [**fbodygyro-meanfreq()-x**](#fbodygyro-meanfreq-x) | numeric | 126 | 0.00 % |  |
|  | [**fbodygyro-meanfreq()-y**](#fbodygyro-meanfreq-y) | numeric | 126 | 0.00 % |  |
|  | [**fbodygyro-meanfreq()-z**](#fbodygyro-meanfreq-z) | numeric | 126 | 0.00 % |  |
|  | [**fbodyaccmag-mean()**](#fbodyaccmag-mean) | numeric | 126 | 0.00 % |  |
|  | [**fbodyaccmag-std()**](#fbodyaccmag-std) | numeric | 126 | 0.00 % |  |
|  | [**fbodyaccmag-meanfreq()**](#fbodyaccmag-meanfreq) | numeric | 126 | 0.00 % |  |
|  | [**fbodybodyaccjerkmag-mean()**](#fbodybodyaccjerkmag-mean) | numeric | 126 | 0.00 % |  |
|  | [**fbodybodyaccjerkmag-std()**](#fbodybodyaccjerkmag-std) | numeric | 126 | 0.00 % |  |
|  | [**fbodybodyaccjerkmag-meanfreq()**](#fbodybodyaccjerkmag-meanfreq) | numeric | 126 | 0.00 % |  |
|  | [**fbodybodygyromag-mean()**](#fbodybodygyromag-mean) | numeric | 126 | 0.00 % |  |
|  | [**fbodybodygyromag-std()**](#fbodybodygyromag-std) | numeric | 126 | 0.00 % |  |
|  | [**fbodybodygyromag-meanfreq()**](#fbodybodygyromag-meanfreq) | numeric | 126 | 0.00 % |  |
|  | [**fbodybodygyrojerkmag-mean()**](#fbodybodygyrojerkmag-mean) | numeric | 126 | 0.00 % |  |
|  | [**fbodybodygyrojerkmag-std()**](#fbodybodygyrojerkmag-std) | numeric | 126 | 0.00 % |  |
|  | [**fbodybodygyrojerkmag-meanfreq()**](#fbodybodygyrojerkmag-meanfreq) | numeric | 126 | 0.00 % |  |
|  | [**angle(tbodyaccmean,gravity)**](#angletbodyaccmeangravity) | numeric | 126 | 0.00 % |  |
|  | [**angle(tbodyaccjerkmean),gravitymean)**](#angletbodyaccjerkmeangravitymean) | numeric | 126 | 0.00 % |  |
|  | [**angle(tbodygyromean,gravitymean)**](#angletbodygyromeangravitymean) | numeric | 126 | 0.00 % |  |
|  | [**angle(tbodygyrojerkmean,gravitymean)**](#angletbodygyrojerkmeangravitymean) | numeric | 126 | 0.00 % |  |
|  | [**angle(x,gravitymean)**](#anglexgravitymean) | numeric | 126 | 0.00 % |  |
|  | [**angle(y,gravitymean)**](#angleygravitymean) | numeric | 126 | 0.00 % |  |
|  | [**angle(z,gravitymean)**](#anglezgravitymean) | numeric | 126 | 0.00 % |  |

# Variable list

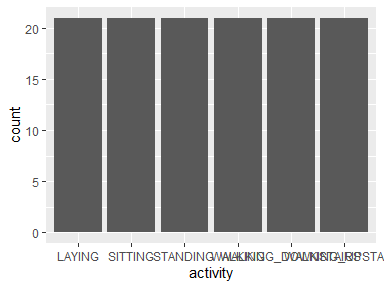
## subject

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | integer |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 21 |
| Median | 17 |
| 1st and 3rd quartiles | 8; 25 |
| Min. and max. | 1; 30 |



## activity

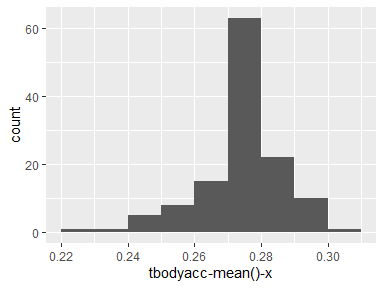
|  |  |
| --- | --- |
| Feature | Result |
| Variable type | factor |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 6 |
| Mode | “LAYING” |
| Reference category | LAYING |



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

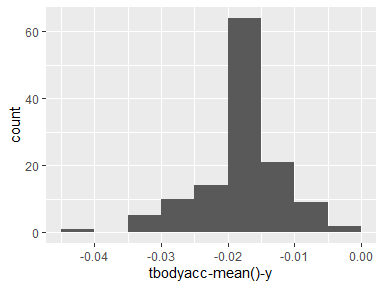
## tbodyacc-mean()-x

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | 0.28 |
| 1st and 3rd quartiles | 0.27; 0.28 |
| Min. and max. | 0.22; 0.3 |



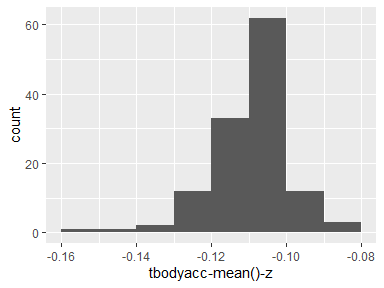
## tbodyacc-mean()-y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.02 |
| 1st and 3rd quartiles | -0.02; -0.02 |
| Min. and max. | -0.04; 0 |



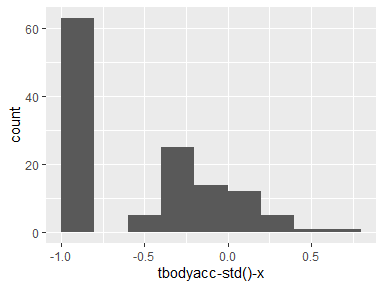
## tbodyacc-mean()-z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.11 |
| 1st and 3rd quartiles | -0.11; -0.1 |
| Min. and max. | -0.15; -0.09 |



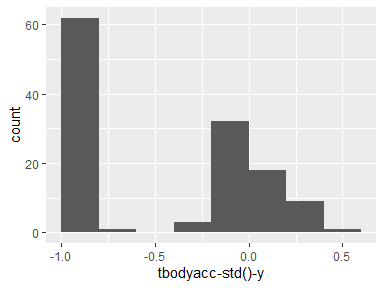
## tbodyacc-std()-x

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.75 |
| 1st and 3rd quartiles | -0.98; -0.17 |
| Min. and max. | -1; 0.63 |



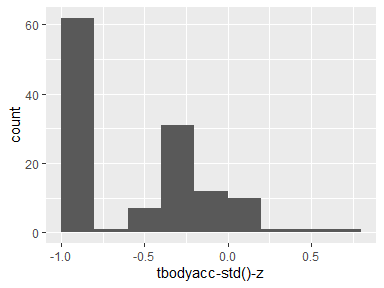
## tbodyacc-std()-y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.51 |
| 1st and 3rd quartiles | -0.94; -0.01 |
| Min. and max. | -0.99; 0.51 |



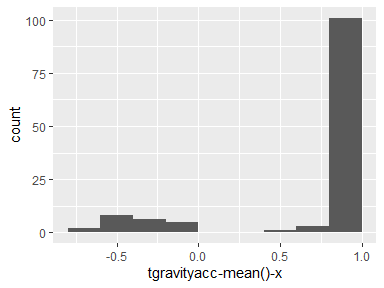
## tbodyacc-std()-z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.62 |
| 1st and 3rd quartiles | -0.95; -0.23 |
| Min. and max. | -0.99; 0.61 |



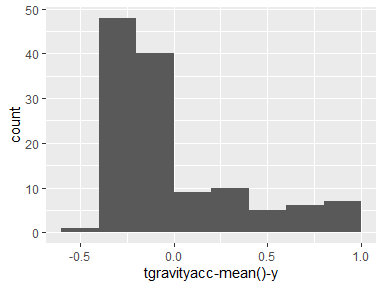
## tgravityacc-mean()-x

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | 0.92 |
| 1st and 3rd quartiles | 0.83; 0.94 |
| Min. and max. | -0.68; 0.97 |



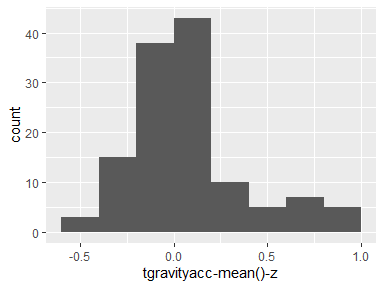
## tgravityacc-mean()-y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.14 |
| 1st and 3rd quartiles | -0.23; 0.13 |
| Min. and max. | -0.43; 0.96 |



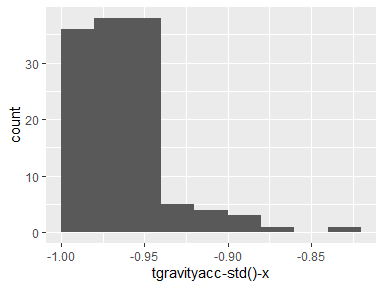
## tgravityacc-mean()-z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | 0.02 |
| 1st and 3rd quartiles | -0.14; 0.15 |
| Min. and max. | -0.5; 0.92 |



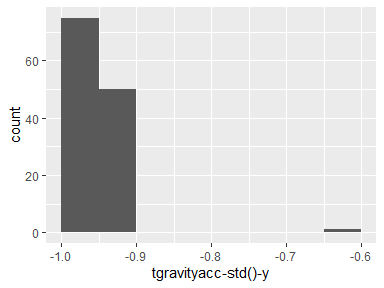
## tgravityacc-std()-x

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.97 |
| 1st and 3rd quartiles | -0.98; -0.95 |
| Min. and max. | -1; -0.83 |



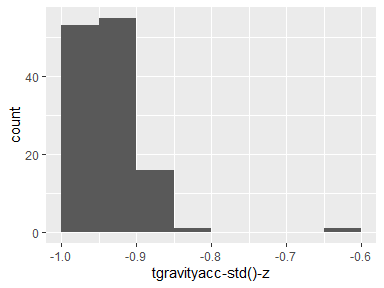
## tgravityacc-std()-y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.96 |
| 1st and 3rd quartiles | -0.97; -0.94 |
| Min. and max. | -0.99; -0.64 |



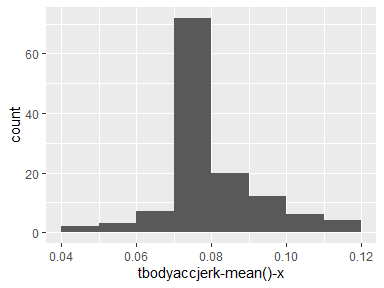
## tgravityacc-std()-z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.94 |
| 1st and 3rd quartiles | -0.96; -0.92 |
| Min. and max. | -0.99; -0.61 |



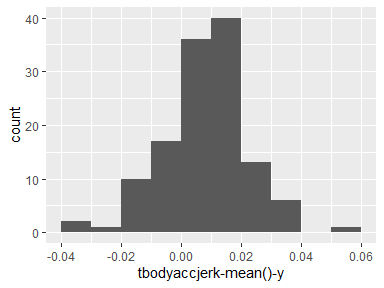
## tbodyaccjerk-mean()-x

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | 0.08 |
| 1st and 3rd quartiles | 0.07; 0.08 |
| Min. and max. | 0.04; 0.12 |



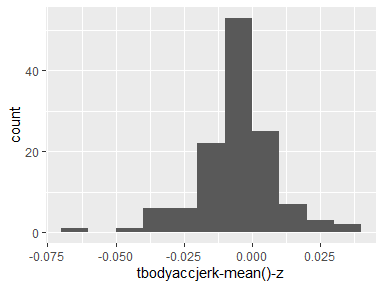
## tbodyaccjerk-mean()-y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | 0.01 |
| 1st and 3rd quartiles | 0; 0.01 |
| Min. and max. | -0.04; 0.06 |



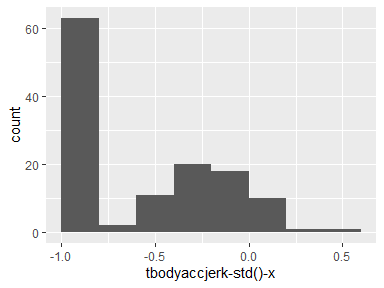
## tbodyaccjerk-mean()-z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | 0 |
| 1st and 3rd quartiles | -0.01; 0 |
| Min. and max. | -0.07; 0.04 |



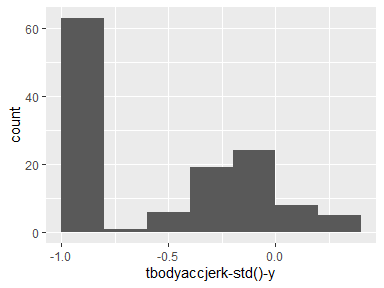
## tbodyaccjerk-std()-x

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.81 |
| 1st and 3rd quartiles | -0.98; -0.22 |
| Min. and max. | -0.99; 0.54 |



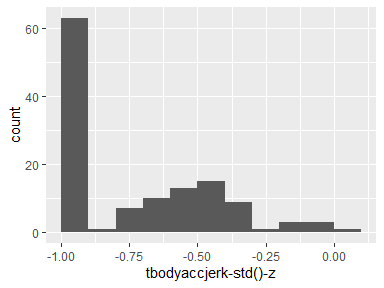
## tbodyaccjerk-std()-y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.78 |
| 1st and 3rd quartiles | -0.97; -0.11 |
| 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 | 126 |
| Median | -0.88 |
| 1st and 3rd quartiles | -0.98; -0.48 |
| Min. and max. | -0.99; 0.03 |



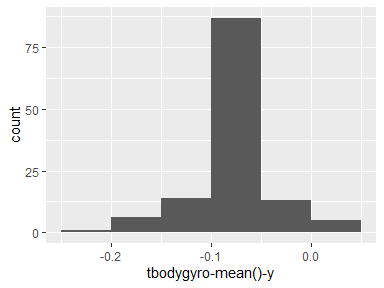
## tbodygyro-mean()-x

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.03 |
| 1st and 3rd quartiles | -0.04; -0.02 |
| Min. and max. | -0.21; 0.19 |



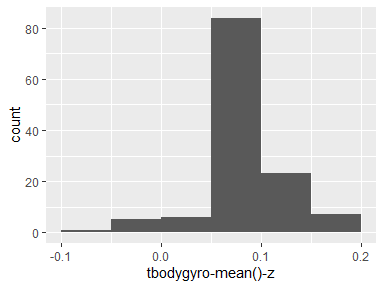
## tbodygyro-mean()-y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.07 |
| 1st and 3rd quartiles | -0.09; -0.06 |
| Min. and max. | -0.2; 0.03 |



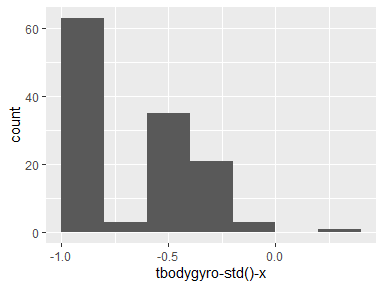
## tbodygyro-mean()-z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | 0.08 |
| 1st and 3rd quartiles | 0.07; 0.1 |
| Min. and max. | -0.07; 0.18 |



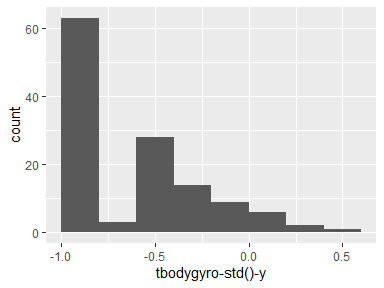
## tbodygyro-std()-x

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.76 |
| 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 | 126 |
| Median | -0.77 |
| 1st and 3rd quartiles | -0.96; -0.4 |
| Min. and max. | -0.99; 0.48 |



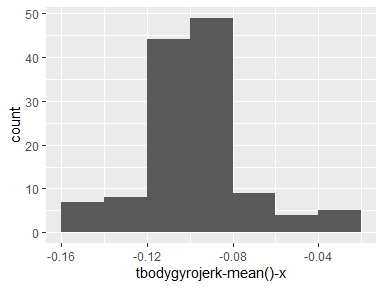
## tbodygyro-std()-z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.8 |
| 1st and 3rd quartiles | -0.96; -0.31 |
| Min. and max. | -0.99; 0.56 |



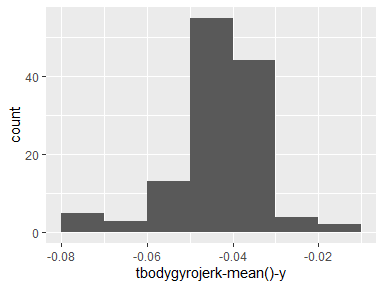
## tbodygyrojerk-mean()-x

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.1 |
| 1st and 3rd quartiles | -0.1; -0.09 |
| Min. and max. | -0.16; -0.02 |



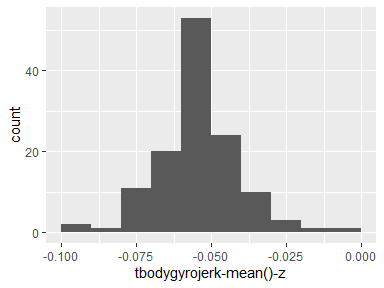
## tbodygyrojerk-mean()-y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.04 |
| 1st and 3rd quartiles | -0.05; -0.04 |
| Min. and max. | -0.08; -0.01 |



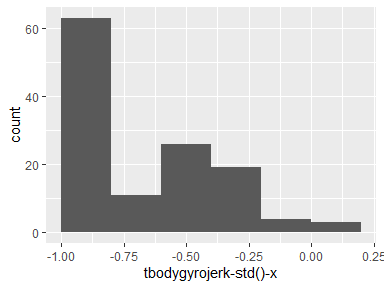
## tbodygyrojerk-mean()-z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.05 |
| 1st and 3rd quartiles | -0.06; -0.05 |
| Min. and max. | -0.09; -0.01 |



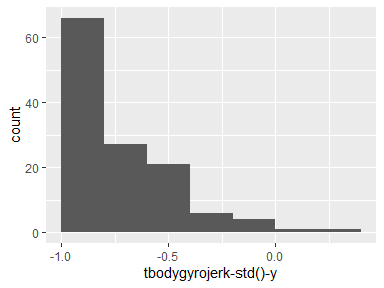
## tbodygyrojerk-std()-x

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.83 |
| 1st and 3rd quartiles | -0.98; -0.46 |
| Min. and max. | -1; 0.18 |



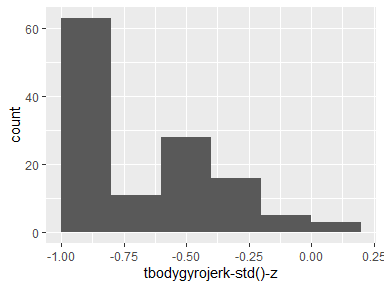
## tbodygyrojerk-std()-y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.9 |
| 1st and 3rd quartiles | -0.98; -0.59 |
| Min. and max. | -1; 0.3 |



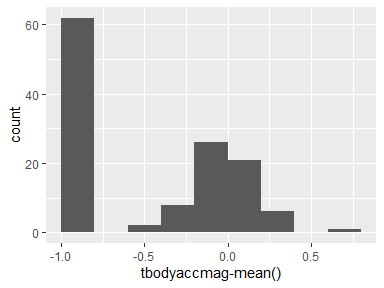
## tbodygyrojerk-std()-z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.86 |
| 1st and 3rd quartiles | -0.99; -0.48 |
| Min. and max. | -1; 0.19 |



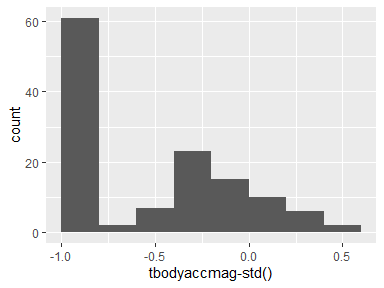
## tbodyaccmag-mean()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.48 |
| 1st and 3rd quartiles | -0.96; -0.04 |
| Min. and max. | -0.99; 0.64 |



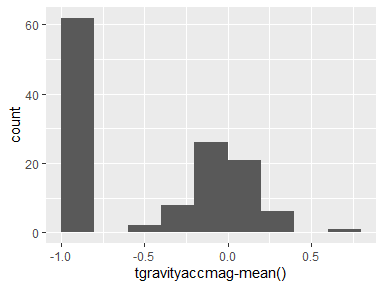
## tbodyaccmag-std()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.61 |
| 1st and 3rd quartiles | -0.94; -0.18 |
| Min. and max. | -0.98; 0.43 |



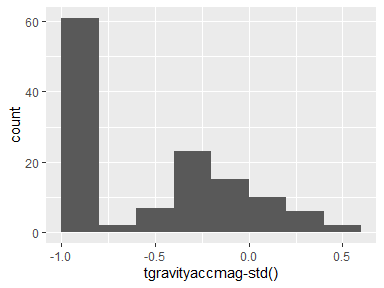
## tgravityaccmag-mean()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.48 |
| 1st and 3rd quartiles | -0.96; -0.04 |
| Min. and max. | -0.99; 0.64 |



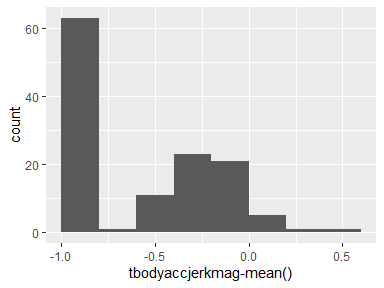
## tgravityaccmag-std()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.61 |
| 1st and 3rd quartiles | -0.94; -0.18 |
| Min. and max. | -0.98; 0.43 |



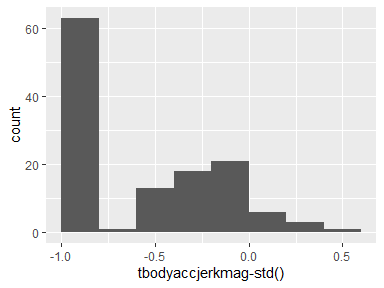
## tbodyaccjerkmag-mean()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.82 |
| 1st and 3rd quartiles | -0.98; -0.23 |
| Min. and max. | -0.99; 0.43 |



## tbodyaccjerkmag-std()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.8 |
| 1st and 3rd quartiles | -0.98; -0.21 |
| Min. and max. | -0.99; 0.45 |



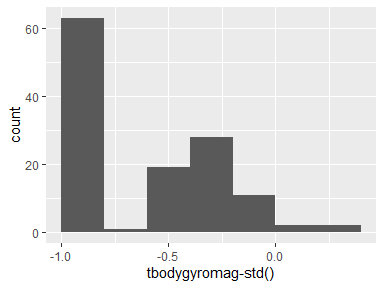
## tbodygyromag-mean()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.65 |
| 1st and 3rd quartiles | -0.95; -0.2 |
| Min. and max. | -0.98; 0.42 |



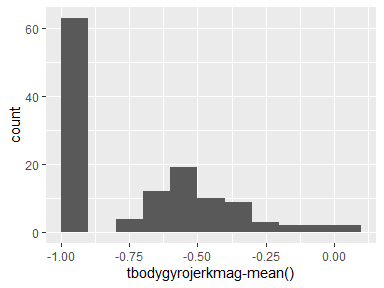
## tbodygyromag-std()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.74 |
| 1st and 3rd quartiles | -0.95; -0.34 |
| Min. and max. | -0.98; 0.3 |



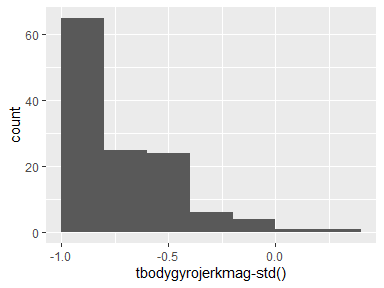
## tbodygyrojerkmag-mean()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.87 |
| 1st and 3rd quartiles | -0.99; -0.51 |
| Min. and max. | -1; 0.09 |



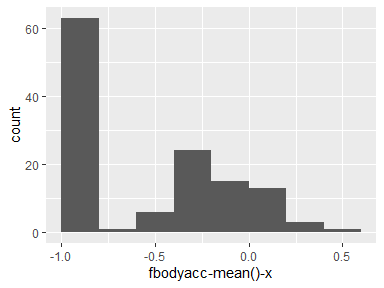
## tbodygyrojerkmag-std()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| 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 | 126 |
| Median | -0.77 |
| 1st and 3rd quartiles | -0.98; -0.19 |
| Min. and max. | -1; 0.54 |



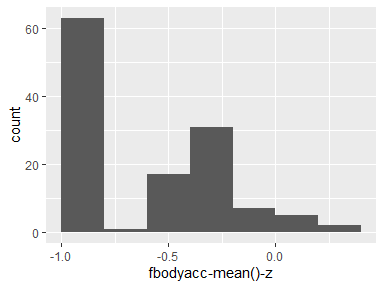
## fbodyacc-mean()-y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.58 |
| 1st and 3rd quartiles | -0.95; -0.04 |
| Min. and max. | -0.99; 0.49 |



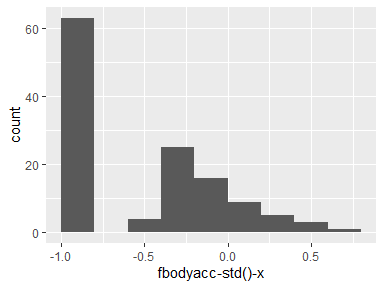
## fbodyacc-mean()-z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.72 |
| 1st and 3rd quartiles | -0.96; -0.32 |
| Min. and max. | -0.99; 0.28 |



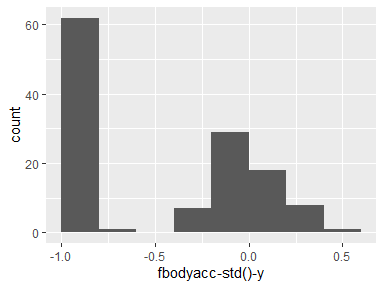
## fbodyacc-std()-x

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.75 |
| 1st and 3rd quartiles | -0.98; -0.18 |
| Min. and max. | -1; 0.66 |



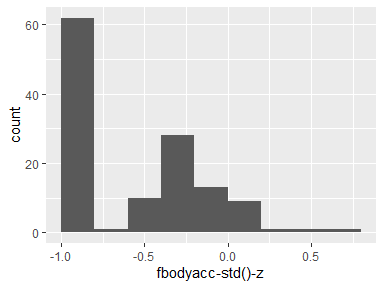
## fbodyacc-std()-y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.51 |
| 1st and 3rd quartiles | -0.94; -0.05 |
| Min. and max. | -0.99; 0.43 |



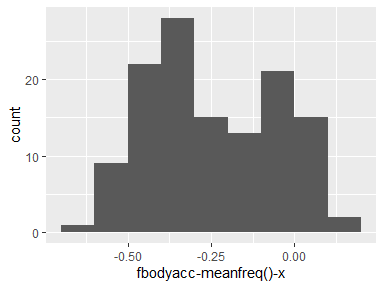
## fbodyacc-std()-z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.62 |
| 1st and 3rd quartiles | -0.95; -0.25 |
| Min. and max. | -0.99; 0.69 |



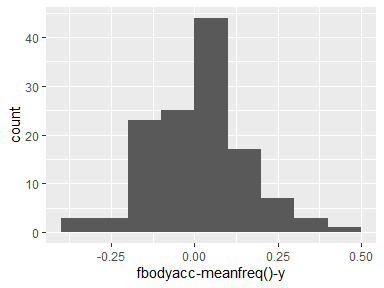
## fbodyacc-meanfreq()-x

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.26 |
| 1st and 3rd quartiles | -0.4; -0.06 |
| Min. and max. | -0.64; 0.14 |



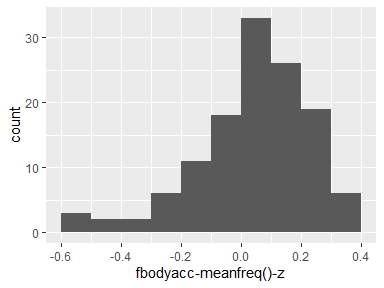
## fbodyacc-meanfreq()-y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | 0.01 |
| 1st and 3rd quartiles | -0.09; 0.09 |
| Min. and max. | -0.38; 0.47 |



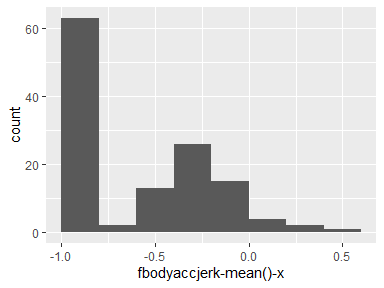
## fbodyacc-meanfreq()-z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | 0.06 |
| 1st and 3rd quartiles | -0.04; 0.18 |
| Min. and max. | -0.52; 0.37 |



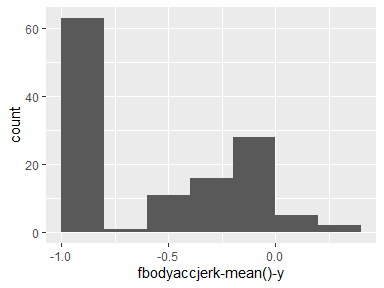
## fbodyaccjerk-mean()-x

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.81 |
| 1st and 3rd quartiles | -0.98; -0.26 |
| 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 | 126 |
| Median | -0.78 |
| 1st and 3rd quartiles | -0.97; -0.18 |
| Min. and max. | -0.99; 0.28 |



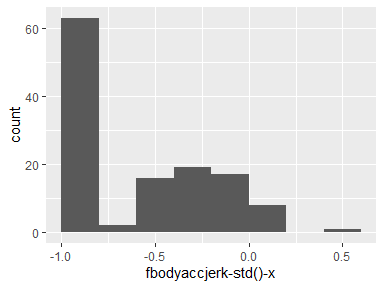
## fbodyaccjerk-mean()-z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.87 |
| 1st and 3rd quartiles | -0.98; -0.43 |
| Min. and max. | -0.99; 0.16 |



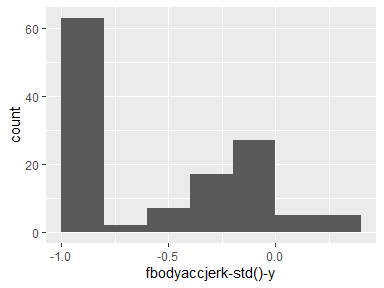
## fbodyaccjerk-std()-x

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.83 |
| 1st and 3rd quartiles | -0.99; -0.25 |
| Min. and max. | -1; 0.48 |



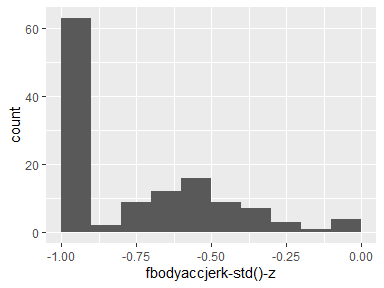
## fbodyaccjerk-std()-y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.79 |
| 1st and 3rd quartiles | -0.98; -0.15 |
| 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 | 126 |
| 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 | 126 |
| Median | -0.07 |
| 1st and 3rd quartiles | -0.29; 0.18 |
| Min. and max. | -0.58; 0.31 |



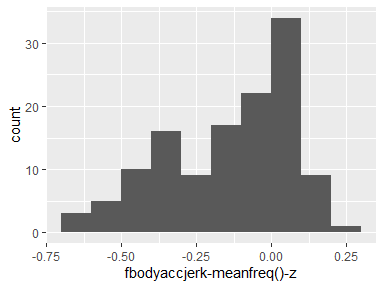
## fbodyaccjerk-meanfreq()-y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.25 |
| 1st and 3rd quartiles | -0.4; -0.04 |
| Min. and max. | -0.6; 0.2 |



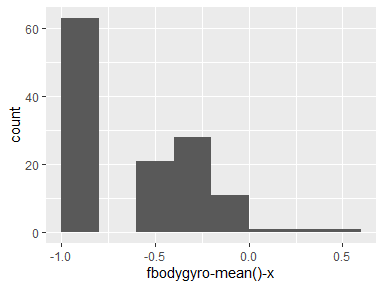
## fbodyaccjerk-meanfreq()-z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.09 |
| 1st and 3rd quartiles | -0.3; 0.03 |
| Min. and max. | -0.63; 0.23 |



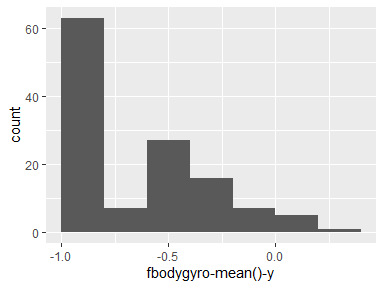
## fbodygyro-mean()-x

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.72 |
| 1st and 3rd quartiles | -0.97; -0.34 |
| Min. and max. | -0.99; 0.47 |



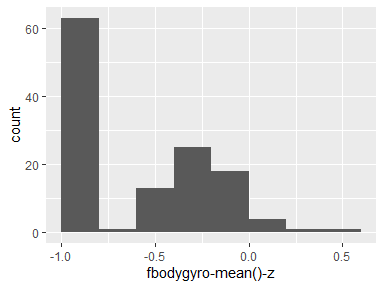
## fbodygyro-mean()-y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.81 |
| 1st and 3rd quartiles | -0.97; -0.44 |
| Min. and max. | -0.99; 0.33 |



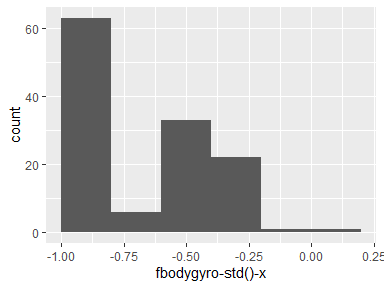
## fbodygyro-mean()-z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.79 |
| 1st and 3rd quartiles | -0.96; -0.26 |
| Min. and max. | -0.99; 0.49 |



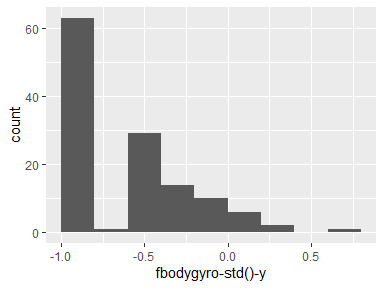
## fbodygyro-std()-x

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.78 |
| 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 | 126 |
| Median | -0.77 |
| 1st and 3rd quartiles | -0.96; -0.37 |
| Min. and max. | -0.99; 0.65 |



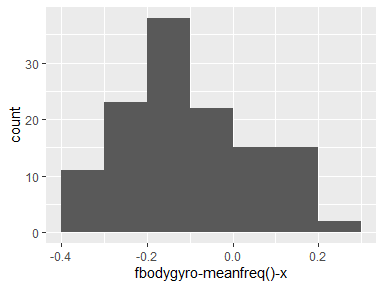
## fbodygyro-std()-z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.82 |
| 1st and 3rd quartiles | -0.96; -0.38 |
| Min. and max. | -0.99; 0.52 |



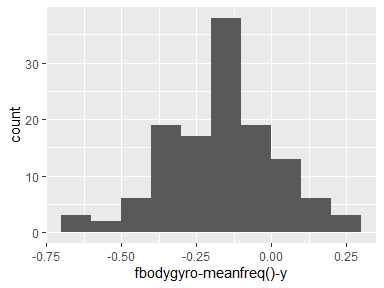
## fbodygyro-meanfreq()-x

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.12 |
| 1st and 3rd quartiles | -0.21; 0 |
| Min. and max. | -0.4; 0.25 |



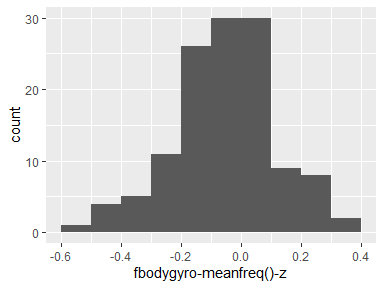
## fbodygyro-meanfreq()-y

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.16 |
| 1st and 3rd quartiles | -0.3; -0.06 |
| Min. and max. | -0.67; 0.27 |



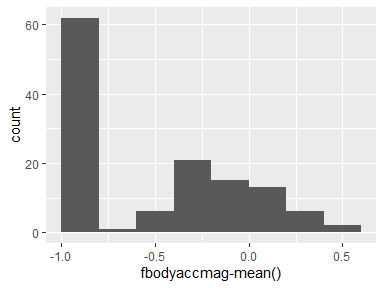
## fbodygyro-meanfreq()-z

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.04 |
| 1st and 3rd quartiles | -0.15; 0.04 |
| Min. and max. | -0.5; 0.3 |



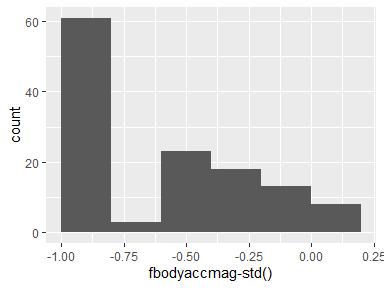
## fbodyaccmag-mean()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.67 |
| 1st and 3rd quartiles | -0.96; -0.15 |
| Min. and max. | -0.99; 0.59 |



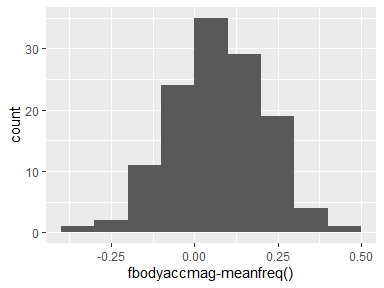
## fbodyaccmag-std()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.64 |
| 1st and 3rd quartiles | -0.95; -0.36 |
| Min. and max. | -0.98; 0.18 |



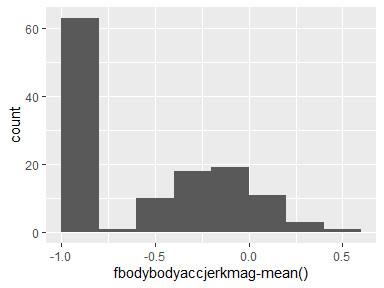
## fbodyaccmag-meanfreq()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | 0.07 |
| 1st and 3rd quartiles | -0.02; 0.17 |
| Min. and max. | -0.31; 0.44 |



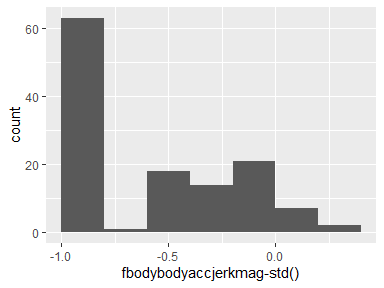
## fbodybodyaccjerkmag-mean()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.79 |
| 1st and 3rd quartiles | -0.98; -0.19 |
| Min. and max. | -0.99; 0.54 |



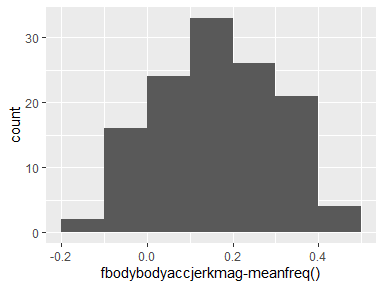
## fbodybodyaccjerkmag-std()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.81 |
| 1st and 3rd quartiles | -0.98; -0.24 |
| Min. and max. | -0.99; 0.32 |



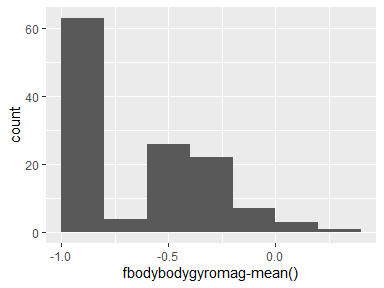
## fbodybodyaccjerkmag-meanfreq()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | 0.17 |
| 1st and 3rd quartiles | 0.06; 0.28 |
| Min. and max. | -0.13; 0.49 |



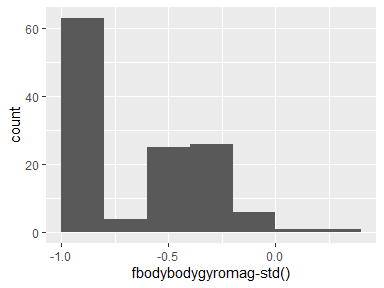
## fbodybodygyromag-mean()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.77 |
| 1st and 3rd quartiles | -0.96; -0.38 |
| Min. and max. | -0.98; 0.2 |



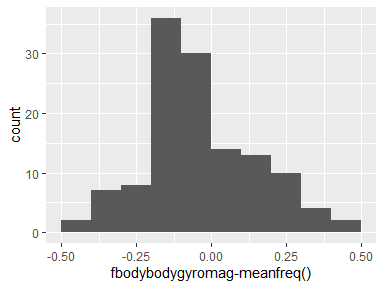
## fbodybodygyromag-std()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.77 |
| 1st and 3rd quartiles | -0.95; -0.4 |
| Min. and max. | -0.98; 0.24 |



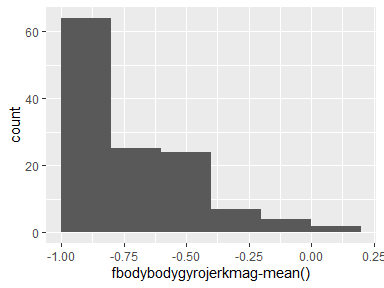
## fbodybodygyromag-meanfreq()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.06 |
| 1st and 3rd quartiles | -0.17; 0.08 |
| Min. and max. | -0.46; 0.41 |



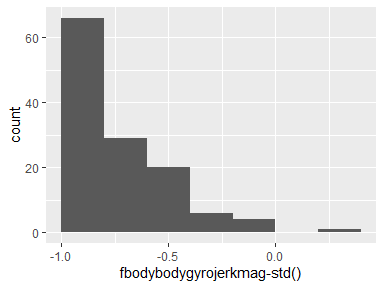
## fbodybodygyrojerkmag-mean()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.88 |
| 1st and 3rd quartiles | -0.98; -0.58 |
| Min. and max. | -1; 0.15 |



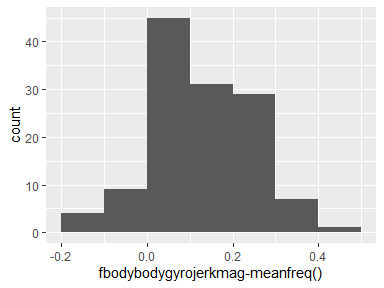
## fbodybodygyrojerkmag-std()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.89 |
| 1st and 3rd quartiles | -0.98; -0.61 |
| Min. and max. | -1; 0.29 |



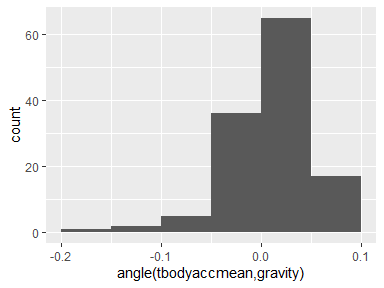
## fbodybodygyrojerkmag-meanfreq()

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | 0.11 |
| 1st and 3rd quartiles | 0.05; 0.21 |
| Min. and max. | -0.18; 0.43 |



## angle(tbodyaccmean,gravity)

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | 0.01 |
| 1st and 3rd quartiles | -0.01; 0.03 |
| Min. and max. | -0.16; 0.1 |



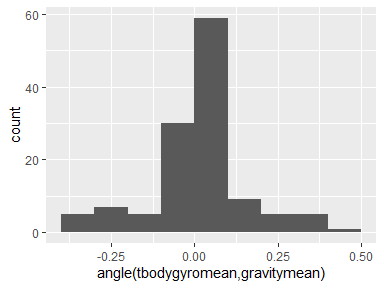
## angle(tbodyaccjerkmean),gravitymean)

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | 0 |
| 1st and 3rd quartiles | -0.02; 0.02 |
| Min. and max. | -0.12; 0.2 |

-1.png)

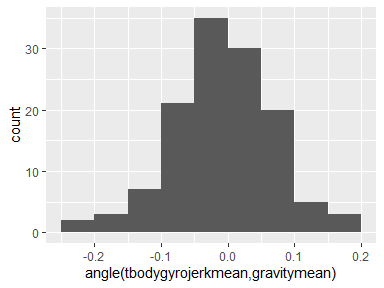
## angle(tbodygyromean,gravitymean)

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | 0.02 |
| 1st and 3rd quartiles | -0.03; 0.06 |
| Min. and max. | -0.39; 0.44 |



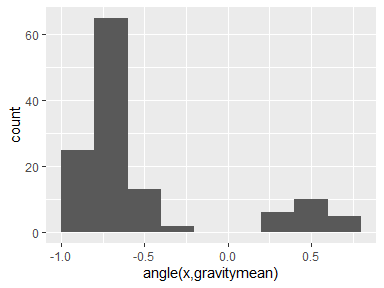
## angle(tbodygyrojerkmean,gravitymean)

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.01 |
| 1st and 3rd quartiles | -0.05; 0.04 |
| Min. and max. | -0.22; 0.18 |



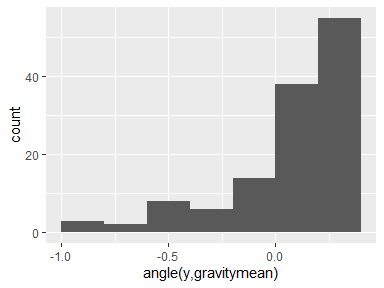
## angle(x,gravitymean)

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | -0.73 |
| 1st and 3rd quartiles | -0.78; -0.58 |
| Min. and max. | -0.95; 0.74 |



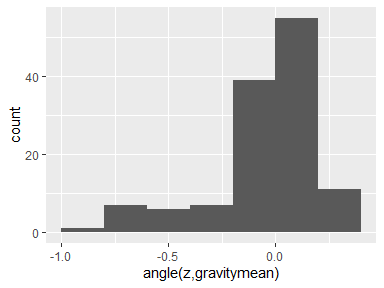
## angle(y,gravitymean)

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | 0.18 |
| 1st and 3rd quartiles | 0; 0.24 |
| Min. and max. | -0.87; 0.39 |



## angle(z,gravitymean)

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 126 |
| Median | 0.01 |
| 1st and 3rd quartiles | -0.09; 0.12 |
| Min. and max. | -0.81; 0.39 |



Report generation information:

* Created by: isadoraellis (username: iellis).
* Report creation time: wo jan 22 2020 11:54:11
* Report was run from directory: C:/Users/iellis/OneDrive - Deloitte (O365D)/Documents/Algemeen/Personal Development/Dat science certification
* dataMaid v1.4.0 [Pkg: 2019-12-10 from CRAN (R 3.6.2)]
* R version 3.6.2 (2019-12-12).
* Platform: x86\_64-w64-mingw32/x64 (64-bit)(Windows 10 x64 (build 17763)).
* Function call: dataMaid::makeDataReport(data = df\_tidy, mode = c("summarize", "visualize", "check"), smartNum = FALSE, file = "codebook\_df\_tidy.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 df\_tidy")