tidy_data

Autogenerated data summary from dataMaid

2018-09-03 13:27:30

Part 1

Data report overview

The dataset examined has the following dimensions:

Feature	Result
Number of observations	180
Number of variables	81

Checks performed

The following variable checks were performed, depending on the data type of each variable:

	character	factor	labelled	numeric	integer	logical	Date
Identify miscoded missing values	×	×	×	×	×		×
Identify prefixed and suffixed whitespace	×	×	×				
Identify levels with < 6 obs.	×	×	×				
Identify case issues	×	×	×				
Identify misclassified numeric or integer variables	×	×	×				
Identify outliers				×	×		×

Please note that all numerical values in the following have been rounded to 2 decimals.

Part 2

Summary table

	Variable class	# unique values	Missing observations	Any problems?
subjectId	integer	30	0.00 %	
activityId	integer	6	0.00 %	
tBodyAcc-mean()-X	numeric	180	0.00 %	×
tBodyAcc-mean()-Y	numeric	180	0.00 %	×
tBodyAcc-mean()-Z	numeric	180	0.00 %	×
tBodyAcc-std()-X	numeric	180	0.00 %	
tBodyAcc-std()-Y	numeric	180	0.00 %	
tBodyAcc-std()-Z	numeric	180	0.00 %	
tGravityAcc-mean()-X	numeric	180	0.00 %	×
tGravityAcc-mean()-Y	numeric	180	0.00 %	×
tGravityAcc-mean()-Z	numeric	180	0.00 %	×
tGravityAcc-std()-X	numeric	180	0.00 %	×
tGravityAcc-std()-Y	numeric	180	0.00 %	×
tGravityAcc-std()-Z	numeric	180	0.00 %	×
tBodyAccJerk-mean()-X	numeric	180	0.00 %	×
tBodyAccJerk-mean()-Y	numeric	180	0.00 %	×
tBodyAccJerk-mean()-Z	numeric	180	0.00 %	×
tBodyAccJerk-std()-X	numeric	180	0.00 %	
tBodyAccJerk-std()-Y	numeric	180	0.00 %	
tBodyAccJerk-std()-Z	numeric	180	0.00 %	
tBodyGyro-mean()-X	numeric	180	0.00 %	×
tBodyGyro-mean()-Y	numeric	180	0.00 %	×
tBodyGyro-mean()-Z	numeric	180	0.00 %	×
tBodyGyro-std()-X	numeric	180	0.00 %	
tBodyGyro-std()-Y	numeric	180	0.00 %	
tBodyGyro-std()-Z	numeric	180	0.00 %	
tBodyGyroJerk-mean()-X	numeric	180	0.00 %	×
tBodyGyroJerk-mean()-Y	numeric	180	0.00 %	×
tBodyGyroJerk-mean()-Z	numeric	180	0.00 %	×
tBodyGyroJerk-std()-X	numeric	180	0.00 %	
tBodyGyroJerk-std()-Y	numeric	180	0.00 %	
tBodyGyroJerk-std()-Z	numeric	180	0.00 %	
tBodyAccMag-mean()	numeric	180	0.00 %	
tBodyAccMag-std()	numeric	180	0.00 %	
tGravityAccMag-mean()	numeric	180	0.00 %	

	Variable class	# unique values	Missing observations	Any problems?
tGravityAccMag-std()	numeric	180	0.00 %	
tBodyAccJerkMag-mean()	numeric	180	0.00 %	
tBodyAccJerkMag-std()	numeric	180	0.00 %	
tBodyGyroMag-mean()	numeric	180	0.00 %	
tBodyGyroMag-std()	numeric	180	0.00 %	
tBodyGyroJerkMag-mean()	numeric	180	0.00 %	
tBodyGyroJerkMag-std()	numeric	180	0.00 %	
fBodyAcc-mean()-X	numeric	180	0.00 %	
fBodyAcc-mean()-Y	numeric	180	0.00 %	
fBodyAcc-mean()-Z	numeric	180	0.00 %	
fBodyAcc-std()-X	numeric	180	0.00 %	
fBodyAcc-std()-Y	numeric	180	0.00 %	
fBodyAcc-std()-Z	numeric	180	0.00 %	
fBodyAcc-meanFreq()-X	numeric	180	0.00 %	
fBodyAcc-meanFreq()-Y	numeric	180	0.00 %	×
fBodyAcc-meanFreq()-Z	numeric	180	0.00 %	×
fBodyAccJerk-mean()-X	numeric	180	0.00 %	
fBodyAccJerk-mean()-Y	numeric	180	0.00 %	
fBodyAccJerk-mean()-Z	numeric	180	0.00 %	
fBodyAccJerk-std()-X	numeric	180	0.00 %	
fBodyAccJerk-std()-Y	numeric	180	0.00 %	
fBodyAccJerk-std()-Z	numeric	180	0.00 %	
fBodyAccJerk-meanFreq()-X	numeric	180	0.00 %	
fBodyAccJerk-meanFreq()-Y	numeric	180	0.00 %	
fBodyAccJerk-meanFreq()-Z	numeric	180	0.00 %	×
fBodyGyro-mean()-X	numeric	180	0.00 %	
fBodyGyro-mean()-Y	numeric	180	0.00 %	
fBodyGyro-mean()-Z	numeric	180	0.00 %	
fBodyGyro-std()-X	numeric	180	0.00 %	
fBodyGyro-std()-Y	numeric	180	0.00 %	
fBodyGyro-std()-Z	numeric	180	0.00 %	
fBodyGyro-meanFreq()-X	numeric	180	0.00 %	
fBodyGyro-meanFreq()-Y	numeric	180	0.00 %	×
fBodyGyro-meanFreq()-Z	numeric	180	0.00 %	×
fBodyAccMag-mean()	numeric	180	0.00 %	
fBodyAccMag-std()	numeric	180	0.00 %	
fBodyAccMag-meanFreq()	numeric	180	0.00 %	×
fBodyBodyAccJerkMag-mean()	numeric	180	0.00 %	
fBodyBodyAccJerkMag-std()	numeric	180	0.00 %	
fBodyBodyAccJerkMag-meanFreq()	numeric	180	0.00 %	
fBodyBodyGyroMag-mean()	numeric	180	0.00 %	
fBodyBodyGyroMag-std()	numeric	180	0.00 %	
fBodyBodyGyroMag-meanFreq()	numeric	180	0.00 %	×
fBodyBodyGyroJerkMag-mean()	numeric	180	0.00 %	
fBodyBodyGyroJerkMag-std()	numeric	180	0.00 %	

	Variable class	# unique values	Missing observations	Any problems?
fBodyBodyGyroJerkMag-meanFreq()	numeric	180	0.00 %	×

Part 3

Variable list

subjectId

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
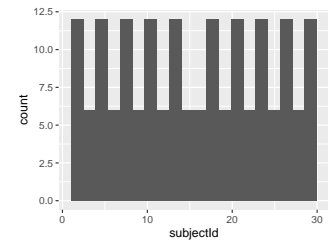
activityId

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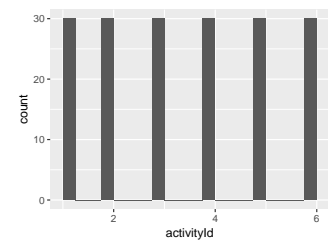
tBodyAcc-mean()-X

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
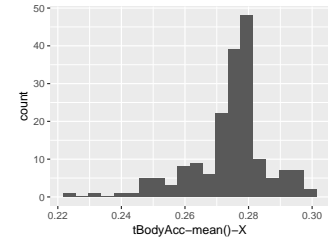
- Note that the following possible outlier values were detected: "0.22", "0.28", "0.28", "0.28", "0.28", "0.28", "0.28", "0.29", "0.29", "0.29" (18 additional values omitted).

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
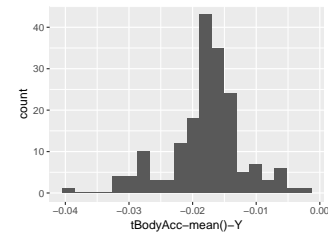
- Note that the following possible outlier values were detected: "-0.04", "-0.03", "-0.03", "-0.03", "-0.01", "-0.01", "-0.01", "-0.01", "-0.01", "-0.01" (12 additional values omitted).

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
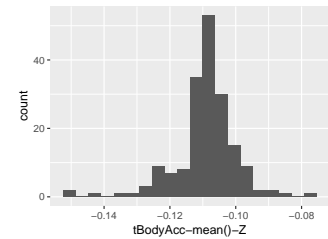
- Note that the following possible outlier values were detected: "-0.15", "-0.15", "-0.14", "-0.13", "-0.13", "-0.1", "-0.1", "-0.09", "-0.09", "-0.09" (3 additional values omitted).
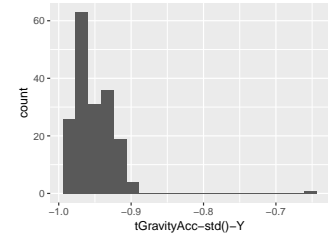
tBodyAcc-std()-X

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
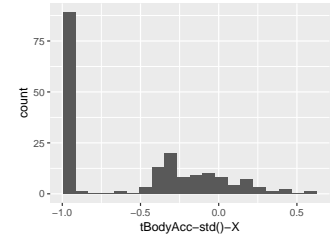
tBodyAcc-std()-Y

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
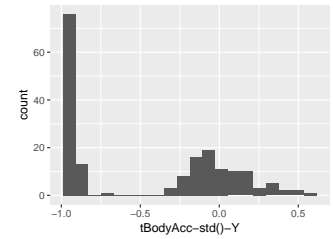
tBodyAcc-std()-Z

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
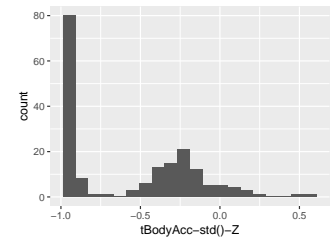
tGravityAcc-mean()-X

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
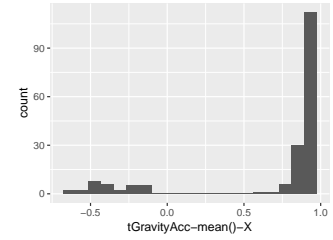
- Note that the following possible outlier values were detected: "-0.68", "-0.62", "-0.58", "-0.53", "-0.51", "-0.5", "-0.49", "-0.48", "-0.48", "-0.47" (37 additional values omitted).

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
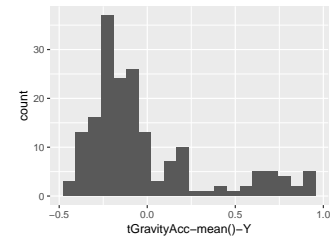
- Note that the following possible outlier values were detected: "-0.48", "-0.43", "-0.42", "-0.39", "-0.38", "-0.37", "-0.37", "-0.36".

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
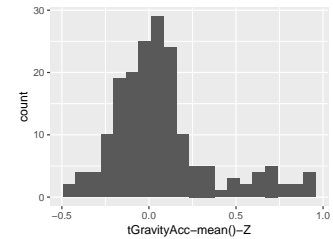
- Note that the following possible outlier values were detected: "-0.5", "-0.42", "-0.4", "-0.39", "-0.38", "0.72", "0.72", "0.77", "0.79", "0.84" (5 additional values omitted).

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
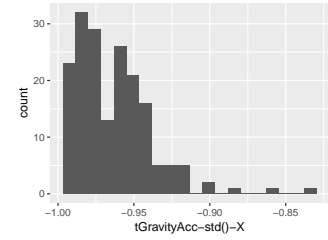
- Note that the following possible outlier values were detected: "-0.83".

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

- Note that the following possible outlier values were detected: "-0.99", "-0.99", "-0.99", "-0.99", "-0.99", "-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
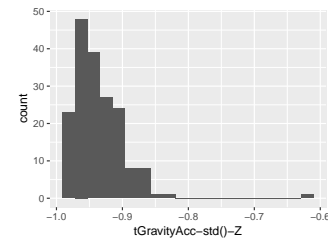
- Note that the following possible outlier values were detected: "-0.99", "-0.99", "-0.99", "-0.99", "-0.99", "-0.98", "-0.98", "-0.98", "-0.98", "-0.61".

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
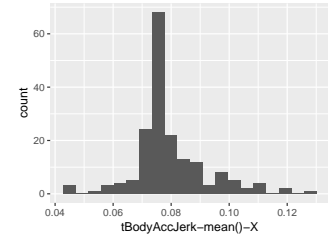
- Note that the following possible outlier values were detected: "0.04", "0.04", "0.05", "0.05", "0.06", "0.06", "0.06", "0.06", "0.06", "0.06" (14 additional values omitted).
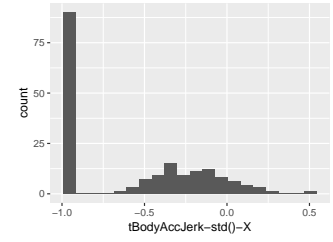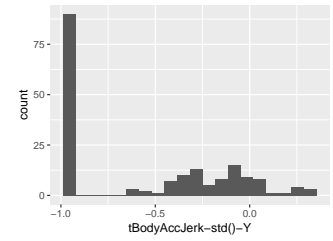
tBodyAccJerk-mean()-Y

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
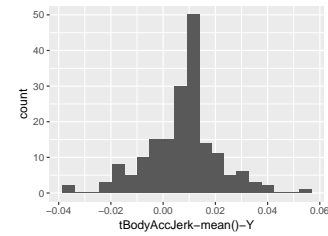
- Note that the following possible outlier values were detected: "0.02", "0.02", "0.02", "0.02", "0.02", "0.02", "0.02", "0.02", "0.02", "0.02" (16 additional values omitted).

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
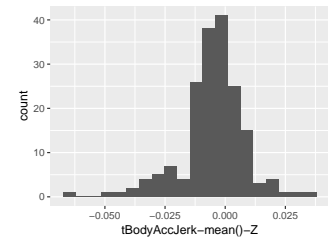
- Note that the following possible outlier values were detected: "-0.07", "-0.05", "-0.05", "-0.04", "-0.04", "-0.03", "0.02", "0.02", "0.02", "0.02" (3 additional values omitted).
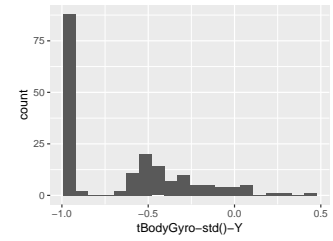
tBodyAccJerk-std()-X

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
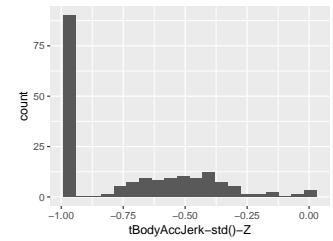
tBodyGyro-mean()-X

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
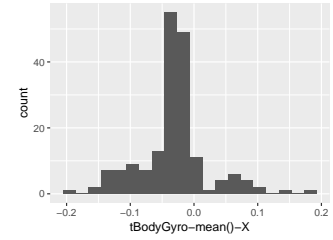
- Note that the following possible outlier values were detected: "-0.21", "-0.16", "-0.16", "-0.14", "-0.14", "-0.14", "-0.14", "0", "0", "0.01" (21 additional values omitted).

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
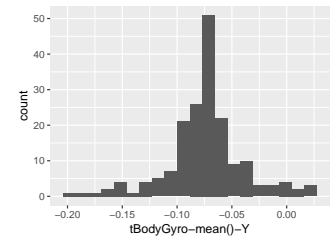
- Note that the following possible outlier values were detected: "-0.2", "-0.18", "-0.17", "-0.17", "-0.16", "-0.16", "-0.15", "-0.15", "-0.15", "-0.14" (13 additional values omitted).

tBodyGyro-mean()-Z

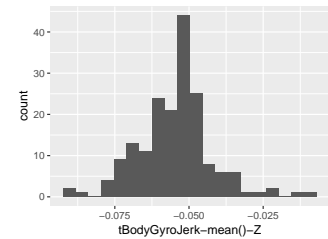| Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	0.09
1st and 3rd quartiles	0.07; 0.1
Min. and max.	-0.07; 0.18
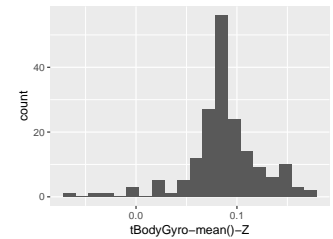
- Note that the following possible outlier values were detected: "-0.07", "-0.04", "-0.03", "-0.01", "-0.01", "0", "0.02", "0.02", "0.02", "0.02" (10 additional values omitted).
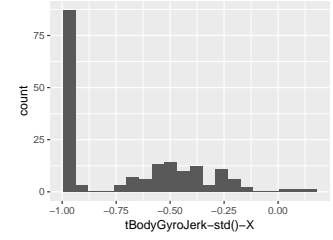
tBodyGyro-std()-X

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
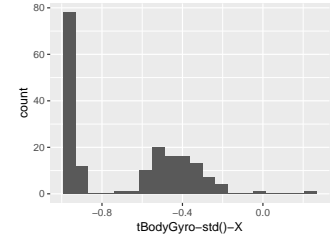
tBodyGyro-std()-Y

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
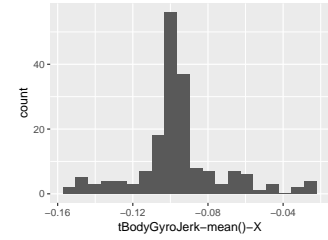
- Note that the following possible outlier values were detected: "-0.16", "-0.16", "-0.15", "-0.15", "-0.15", "-0.14", "-0.14", "-0.14", "-0.14", "-0.14" (26 additional values omitted).
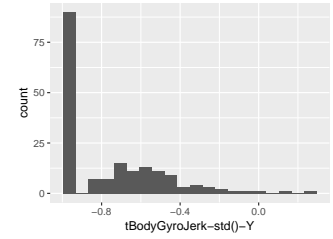
tBodyGyroJerk-mean()-Y

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
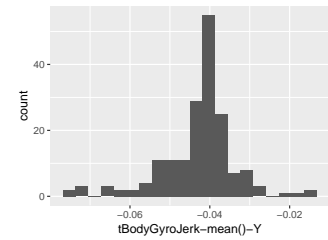
- Note that the following possible outlier values were detected: "-0.08", "-0.07", "-0.07", "-0.07", "-0.07", "-0.07", "-0.07", "-0.03", "-0.03", "-0.03" (14 additional values omitted).

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

- Note that the following possible outlier values were detected: "-0.04", "-0.04", "-0.04", "-0.04", "-0.04", "-0.04", "-0.04", "-0.04", "-0.04", "-0.04" (12 additional values omitted).

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
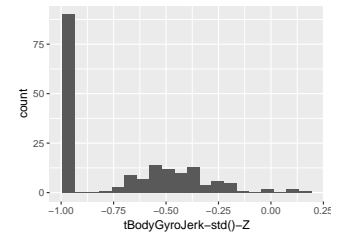
tBodyAccMag-mean()

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
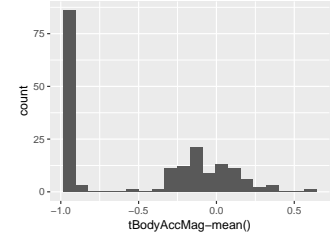
tBodyAccMag-std()

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
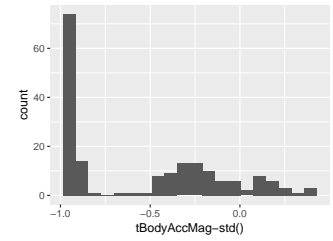
tGravityAccMag-mean()

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
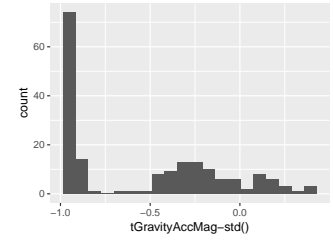
tBodyAccJerkMag-mean()

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
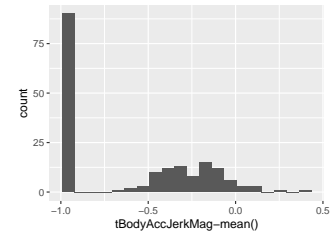
tBodyAccJerkMag-std()

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
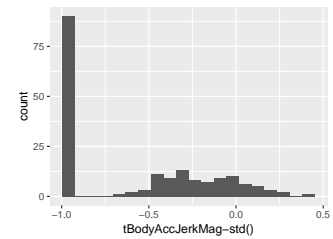
tBodyGyroMag-mean()

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
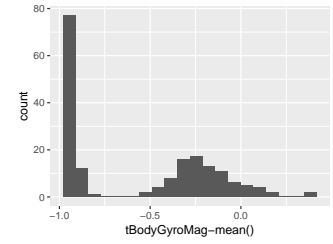
tBodyGyroMag-std()

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
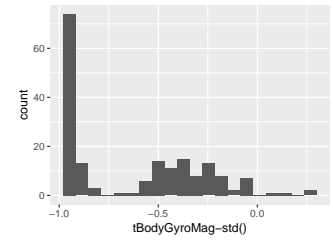
tBodyGyroJerkMag-mean()

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
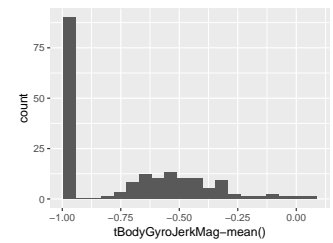
tBodyGyroJerkMag-std()

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
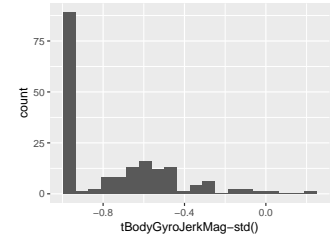
fBodyAcc-mean()-X

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
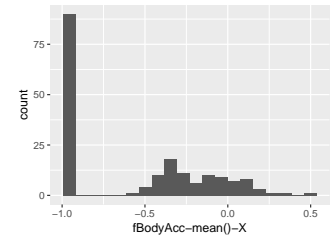
fBodyAcc-mean()-Y

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
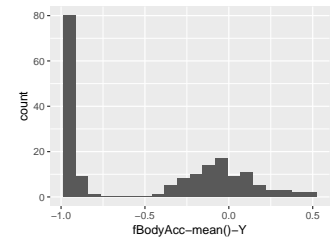
fBodyAcc-mean()-Z

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
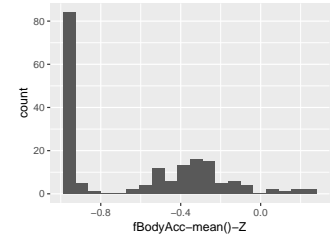
fBodyAcc-std()-X

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
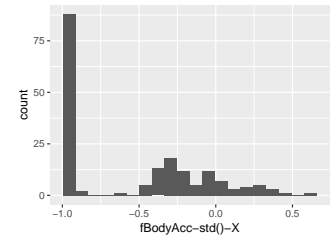
fBodyAcc-std()-Y

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
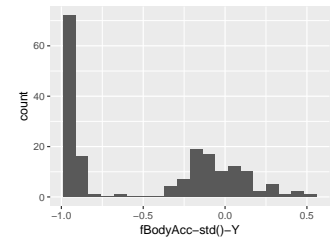
fBodyAcc-std()-Z

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
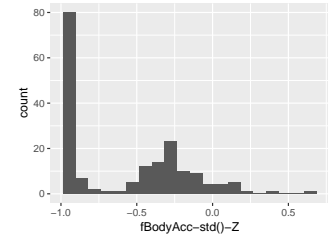
fBodyAcc-meanFreq()-X

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
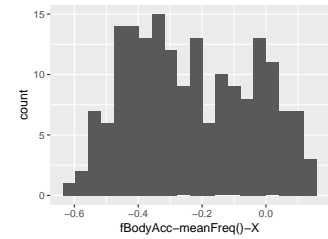
fBodyAcc-meanFreq()-Y

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
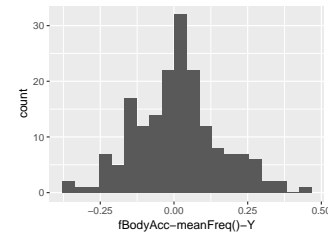
- Note that the following possible outlier values were detected: "-0.38", "-0.37", "-0.33", "0.37", "0.47".
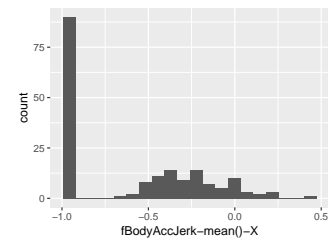
fBodyAcc-meanFreq()-Z

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
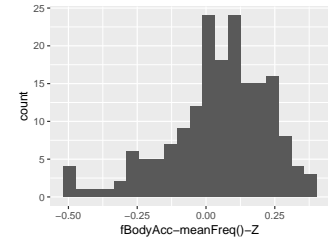
- Note that the following possible outlier values were detected: "-0.52", "-0.51", "-0.51", "-0.49", "-0.46", "0.4".

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
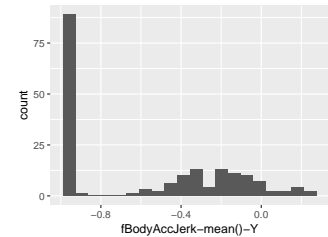
fBodyAccJerk-mean()-Z

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
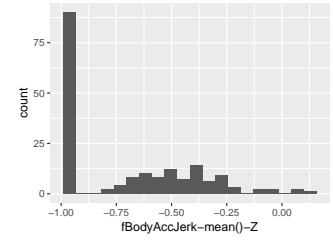
fBodyAccJerk-std()-X

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
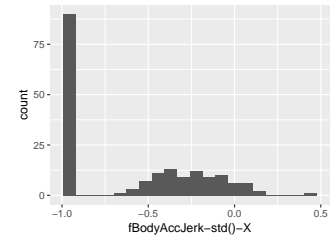
fBodyAccJerk-std()-Y

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
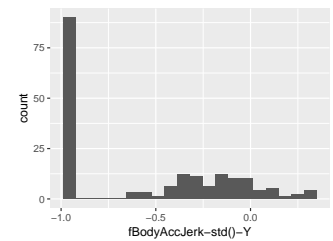
fBodyAccJerk-std()-Z

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
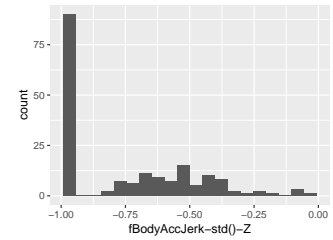
fBodyAccJerk-meanFreq()-X

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
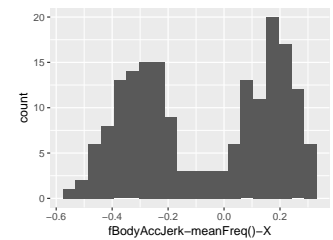
fBodyAccJerk-meanFreq()-Y

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
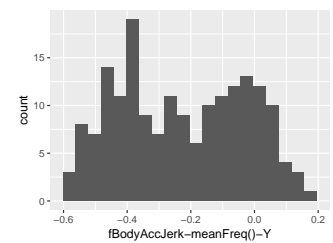
fBodyAccJerk-meanFreq()-Z

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
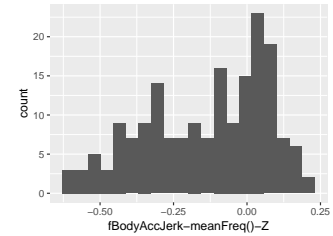
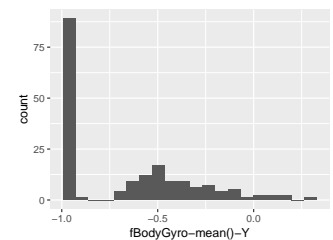- Note that the following possible outlier values were detected: "0.23".

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
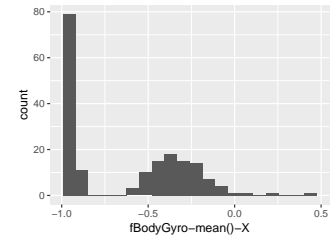
fBodyGyro-mean()-Y

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
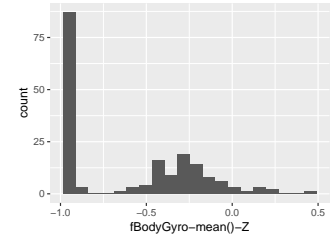
fBodyGyro-std()-X

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
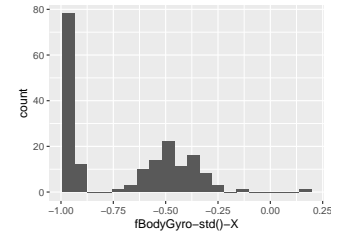
fBodyGyro-std()-Y

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
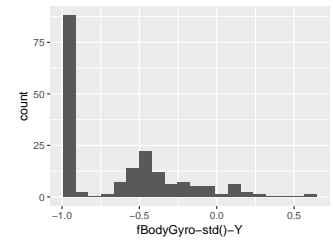
fBodyGyro-std()-Z

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
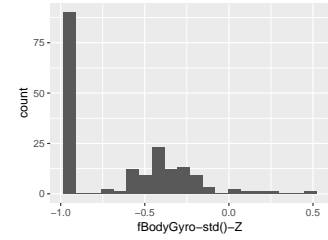
fBodyGyro-meanFreq()-X

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
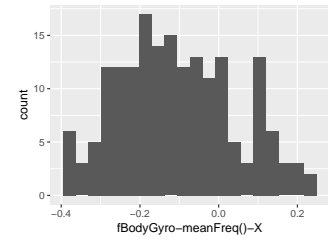
fBodyGyro-meanFreq()-Y

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
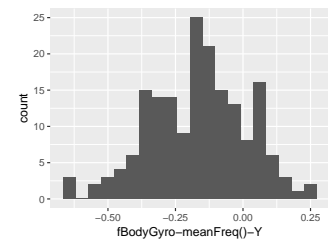
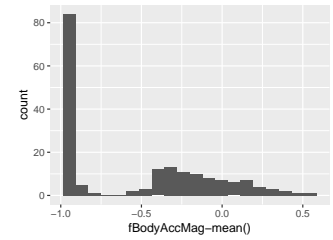- Note that the following possible outlier values were detected: "0.27".

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
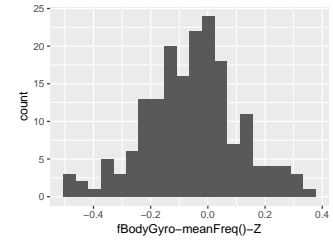
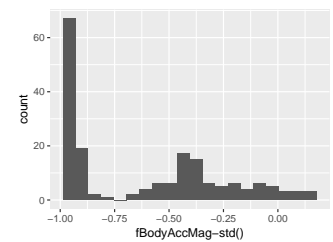- Note that the following possible outlier values were detected: "-0.51", "-0.5", "0.29", "0.3", "0.3", "0.38".

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
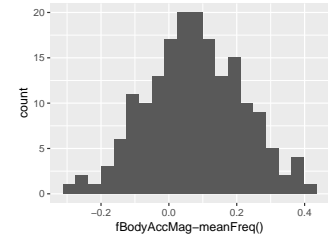
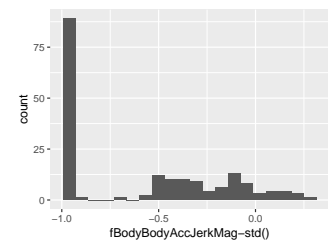- Note that the following possible outlier values were detected: "0.44".

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
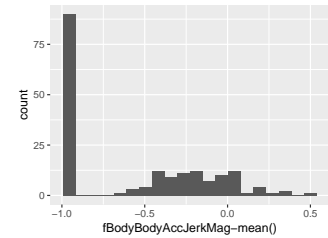
fBodyBodyAccJerkMag-std()

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
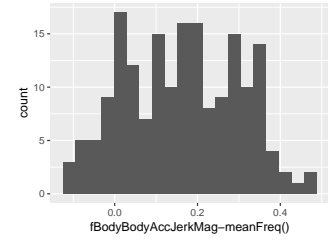
fBodyBodyGyroMag-mean()

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
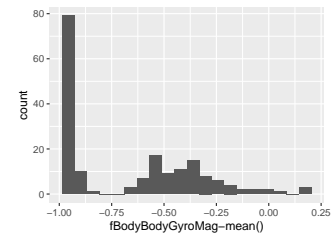
fBodyBodyGyroMag-std()

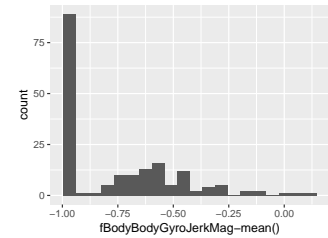| Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.77
1st and 3rd quartiles	-0.95; -0.43
Min. and max.	-0.98; 0.24
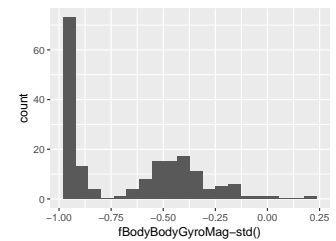
fBodyBodyGyroMag-meanFreq()

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
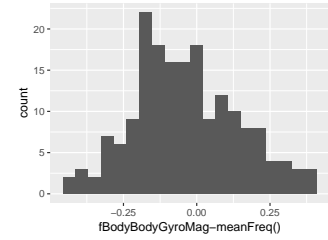
- Note that the following possible outlier values were detected: "-0.46".
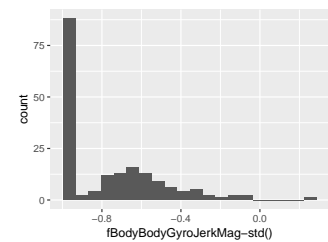
fBodyBodyGyroJerkMag-mean()

| 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
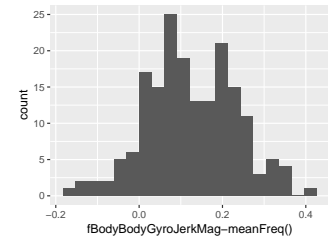
- Note that the following possible outlier values were detected: "-0.18", "-0.13", "-0.13", "-0.11", "-0.1", "-0.08", "-0.07", "-0.05", "-0.05", "-0.05" (1 additional values omitted).

Report generation information:

- Created by Scott Robertson (username: `scottrobertson`).

- Report creation time: Mon Sep 03 2018 13:27:31

- Report Was run from directory: `/Users/scottrobertson/R Programming/Coursera`

- dataMaid v1.1.2 [Pkg: 2018-05-03 from CRAN (R 3.5.1)]

- R version 3.5.1 (2018-07-02).

- Platform: x86_64-apple-darwin17.7.0 (64-bit)(macOS High Sierra 10.13.6).

- Function call: `makeDataReport(data = tidy_data)`