Codebook for the dataset generated for the Getting and Cleaning Data Course Project

Autogenerated data summary from dataMaid

2019-05-22 10:38:52

Data report overview

The dataset examined has the following dimensions:

Feature	Result
Number of observations	180
Number of variables	89

Codebook summary table

Label	Variable	Class	# unique values	Missing	Description
	Subject	integer	30	0.00%	
	Activity_Name	factor	6	0.00%	
	Activity_Code	numeric	6	0.00%	
	Time_BodyAcceleration.Mean.X	numeric	180	0.00%	
	Time_BodyAcceleration.Mean.Y	numeric	180	0.00%	
	Time_BodyAcceleration.Mean.Z	numeric	180	0.00%	
	Time_GravityAcceleration.Mean.X	numeric	180	0.00%	
	Time_GravityAcceleration.Mean.Y	numeric	180	0.00%	
	Time_GravityAcceleration.Mean.Z	nume	180	0.00	

		ric	%
Time_BodyAccelerationJerk.Mean.X	nume ric	180	0.00 %
Time_BodyAccelerationJerk.Mean.Y	nume ric	180	0.00 %
Time_BodyAccelerationJerk.Mean.Z	nume ric	180	0.00 %
Time_BodyGyroscope.Mean.X	nume ric	180	0.00 %
Time_BodyGyroscope.Mean.Y	nume ric	180	0.00 %
Time_BodyGyroscope.Mean.Z	nume ric	180	0.00 %
Time_BodyGyroscopeJerk.Mean.X	nume ric	180	0.00 %
Time_BodyGyroscopeJerk.Mean.Y	nume ric	180	0.00 %
Time_BodyGyroscopeJerk.Mean.Z	nume ric	180	0.00 %
Time_BodyAccelerationMag.Mean	nume ric	180	0.00 %
Time_GravityAccelerationMag.Mean	nume ric	180	0.00 %
Time_BodyAccelerationJerkMag.Mean	nume ric	180	0.00 %
Time_BodyGyroscopeMag.Mean	nume ric	180	0.00 %
Time_BodyGyroscopeJerkMag.Mean	nume ric	180	0.00 %
Frequency_BodyAcceleration.Mean.X	nume ric	180	0.00 %
Frequency_BodyAcceleration.Mean.Y	nume ric	180	0.00 %
Frequency_BodyAcceleration.Mean.Z	nume ric	180	0.00 %
Frequency_BodyAccelerationMeanFreque ncy.X	nume ric	180	0.00 %
Frequency_BodyAccelerationMeanFreque ncy.Y	nume ric	180	0.00 %
Frequency_BodyAccelerationMeanFreque	nume	180	0.00

|			
ncy.Z	ric		%
Frequency_BodyAccelerationJerk.Mean.X	nume ric	180	0.00 %
Frequency_BodyAccelerationJerk.Mean.Y	nume ric	180	0.00 %
Frequency_BodyAccelerationJerk.Mean.Z	nume ric	180	0.00 %
Frequency_BodyAccelerationJerkMeanFre quency.X	nume ric	180	0.00 %
Frequency_BodyAccelerationJerkMeanFre quency.Y	nume ric	180	0.00 %
Frequency_BodyAccelerationJerkMeanFre quency.Z	nume ric	180	0.00 %
Frequency_BodyGyroscope.Mean.X	nume ric	180	0.00 %
Frequency_BodyGyroscope.Mean.Y	nume ric	180	0.00 %
Frequency_BodyGyroscope.Mean.Z	nume ric	180	0.00 %
Frequency_BodyGyroscopeMeanFrequenc y.X	nume ric	180	0.00 %
Frequency_BodyGyroscopeMeanFrequenc y.Y	nume ric	180	0.00 %
Frequency_BodyGyroscopeMeanFrequenc y.Z	nume ric	180	0.00 %
Frequency_BodyAccelerationMag.Mean	nume ric	180	0.00 %
Frequency_BodyAccelerationMagMeanFre quency	nume ric	180	0.00 %
Frequency_BodyBodyAccelerationJerkMag .Mean	nume ric	180	0.00 %
Frequency_BodyBodyAccelerationJerkMag MeanFrequency	nume ric	180	0.00 %
Frequency_BodyBodyGyroscopeMag.Mean	nume ric	180	0.00 %
Frequency_BodyBodyGyroscopeMagMeanF requency	nume ric	180	0.00 %
Frequency_BodyBodyGyroscopeJerkMag.M ean	nume ric	180	0.00 %
Frequency_BodyBodyGyroscopeJerkMagM	nume	180	0.00

eanFrequency	ric		%
Angle_.tBodyAccelerationMean.gravity.	numeric	180	0.00%
Angle_.tBodyAccelerationJerkMean..gravityMean.	numeric	180	0.00%
Angle_.tBodyGyroscopeMean.gravityMean.	numeric	180	0.00%
Angle_.tBodyGyroscopeJerkMean.gravityMean.	numeric	180	0.00%
Angle_.X.gravityMean.	numeric	180	0.00%
Angle_.Y.gravityMean.	numeric	180	0.00%
Angle_.Z.gravityMean.	numeric	180	0.00%
Time_BodyAcceleration.SD.X	numeric	180	0.00%
Time_BodyAcceleration.SD.Y	numeric	180	0.00%
Time_BodyAcceleration.SD.Z	numeric	180	0.00%
Time_GravityAcceleration.SD.X	numeric	180	0.00%
Time_GravityAcceleration.SD.Y	numeric	180	0.00%
Time_GravityAcceleration.SD.Z	numeric	180	0.00%
Time_BodyAccelerationJerk.SD.X	numeric	180	0.00%
Time_BodyAccelerationJerk.SD.Y	numeric	180	0.00%
Time_BodyAccelerationJerk.SD.Z	numeric	180	0.00%
Time_BodyGyroscope.SD.X	numeric	180	0.00%
Time_BodyGyroscope.SD.Y	numeric	180	0.00%
Time_BodyGyroscope.SD.Z	numeric	180	0.00%
Time_BodyGyroscopeJerk.SD.X	numeric	180	0.00

	ric		%
Time_BodyGyroscopeJerk.SD.Y	nume ric	180	0.00 %
Time_BodyGyroscopeJerk.SD.Z	nume ric	180	0.00 %
Time_BodyAccelerationMag.SD	nume ric	180	0.00 %
Time_GravityAccelerationMag.SD	nume ric	180	0.00 %
Time_BodyAccelerationJerkMag.SD	nume ric	180	0.00 %
Time_BodyGyroscopeMag.SD	nume ric	180	0.00 %
Time_BodyGyroscopeJerkMag.SD	nume ric	180	0.00 %
Frequency_BodyAcceleration.SD.X	nume ric	180	0.00 %
Frequency_BodyAcceleration.SD.Y	nume ric	180	0.00 %
Frequency_BodyAcceleration.SD.Z	nume ric	180	0.00 %
Frequency_BodyAccelerationJerk.SD.X	nume ric	180	0.00 %
Frequency_BodyAccelerationJerk.SD.Y	nume ric	180	0.00 %
Frequency_BodyAccelerationJerk.SD.Z	nume ric	180	0.00 %
Frequency_BodyGyroscope.SD.X	nume ric	180	0.00 %
Frequency_BodyGyroscope.SD.Y	nume ric	180	0.00 %
Frequency_BodyGyroscope.SD.Z	nume ric	180	0.00 %
Frequency_BodyAccelerationMag.SD	nume ric	180	0.00 %
Frequency_BodyBodyAccelerationJerkMag .SD	nume ric	180	0.00 %
Frequency_BodyBodyGyroscopeMag.SD	nume ric	180	0.00 %
Frequency_BodyBodyGyroscopeJerkMag.S	nume	180	0.00

Variable list

Subject

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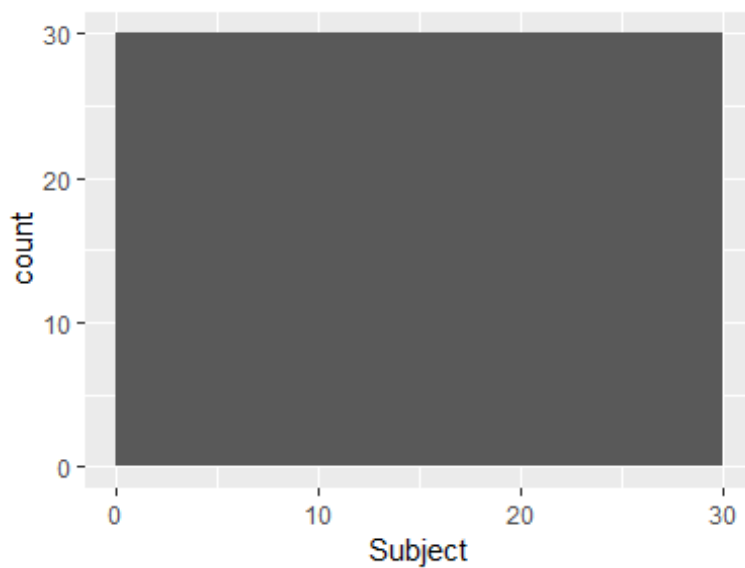
Activity_Name

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".

Activity_Code

Feature	Result
Variable type	numeric
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
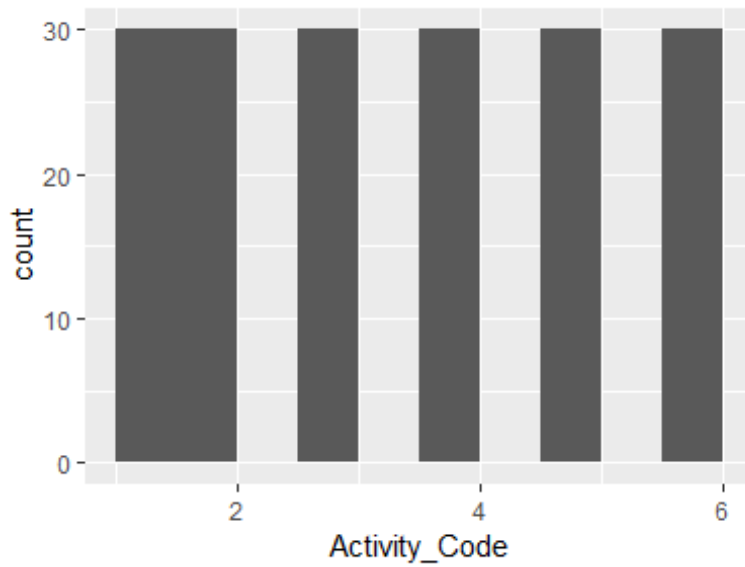
Time_BodyAcceleration.Mean.X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	0.28
1st and 3rd quartiles	0.27; 0.28
Min. and max.	0.22; 0.3
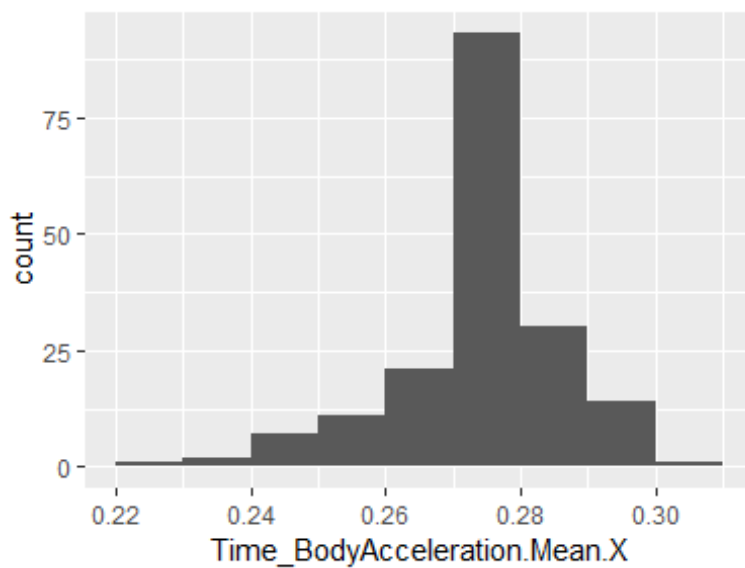
Time_BodyAcceleration.Mean.Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.02
1st and 3rd quartiles	-0.02; -0.01
Min. and max.	-0.04; 0
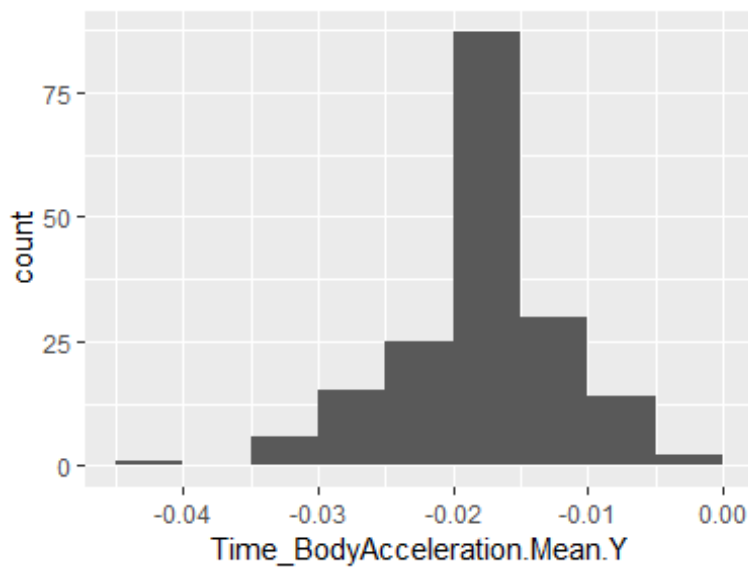
Time_BodyAcceleration.Mean.Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.11
1st and 3rd quartiles	-0.11; -0.1
Min. and max.	-0.15; -0.08
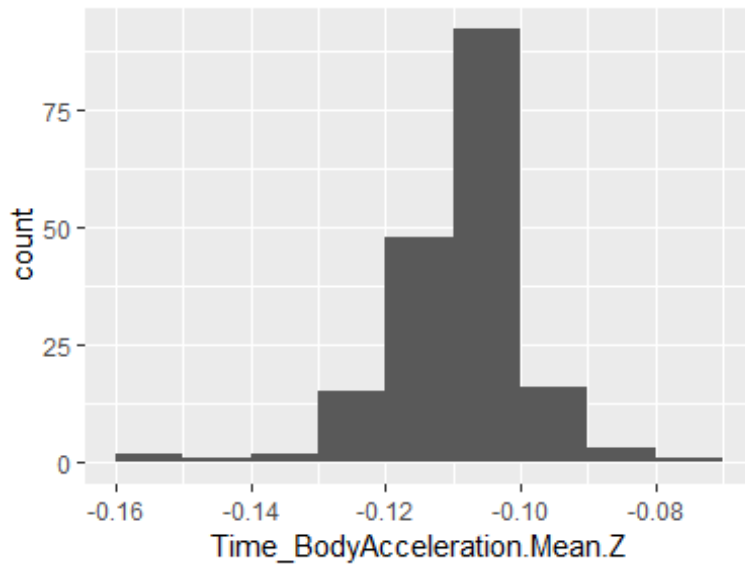
Time_BodyAcceleration.Mean.Z

Time_GravityAcceleration.Mean.X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	0.92
1st and 3rd quartiles	0.84; 0.94
Min. and max.	-0.68; 0.97
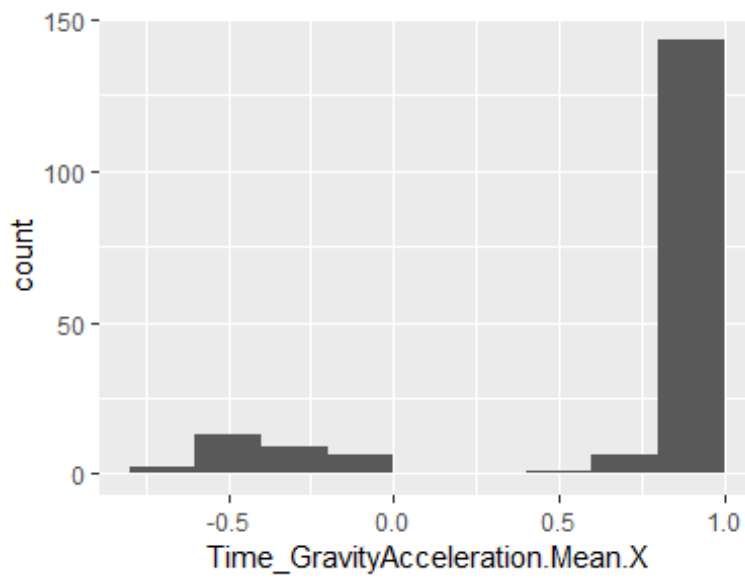
Time_GravityAcceleration.Mean.X

Time_GravityAcceleration.Mean.Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.13
1st and 3rd quartiles	-0.23; 0.09
Min. and max.	-0.48; 0.96
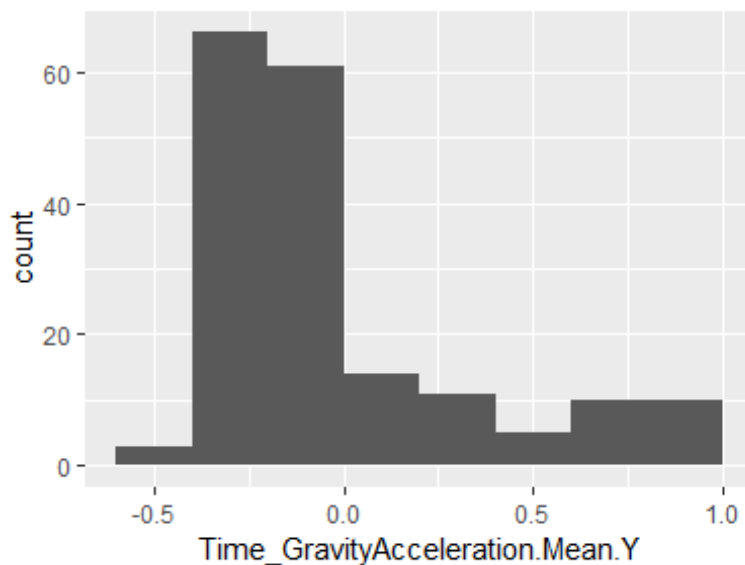
Time_GravityAcceleration.Mean.Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	0.02
1st and 3rd quartiles	-0.12; 0.15
Min. and max.	-0.5; 0.96
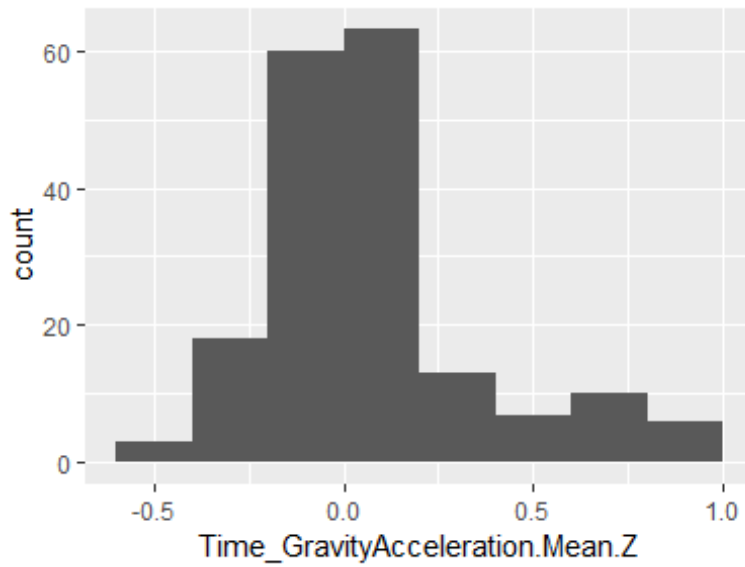
Time_BodyAccelerationJerk.Mean.X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	0.08
1st and 3rd quartiles	0.07; 0.08
Min. and max.	0.04; 0.13
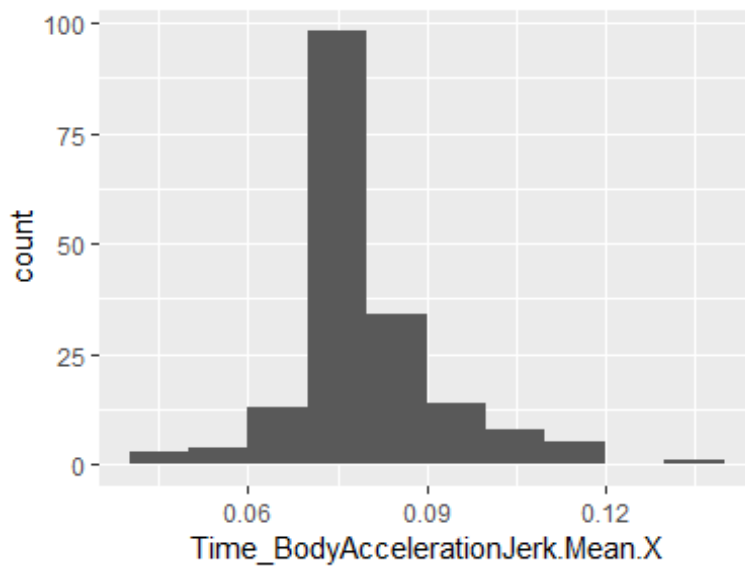
Time_BodyAccelerationJerk.Mean.Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	0.01
1st and 3rd quartiles	0; 0.01
Min. and max.	-0.04; 0.06
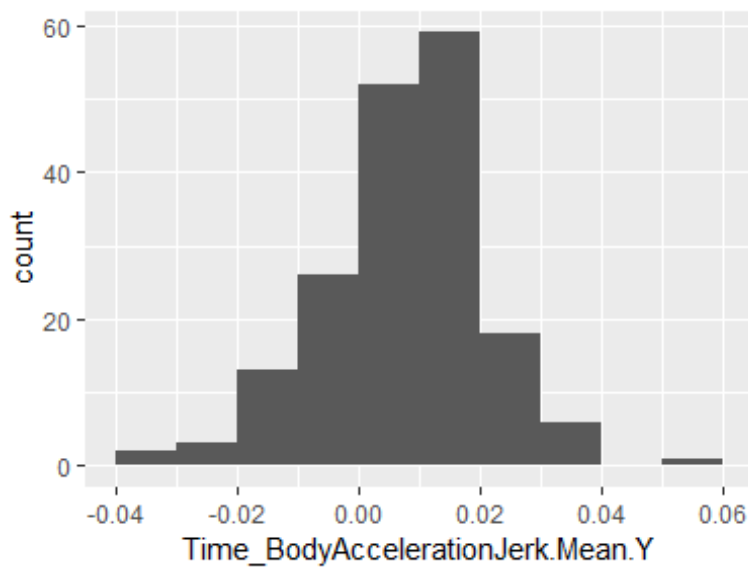
Time_BodyAccelerationJerk.Mean.Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	0
1st and 3rd quartiles	-0.01; 0
Min. and max.	-0.07; 0.04
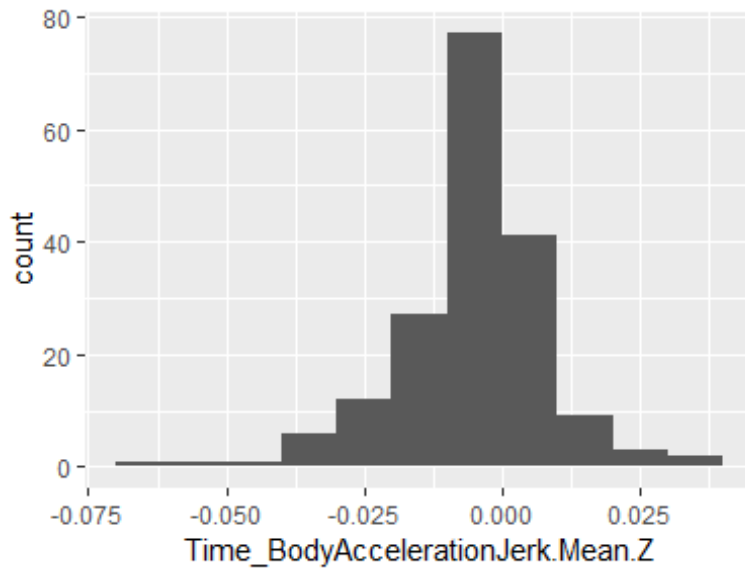
Time_BodyGyroscope.Mean.X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.03
1st and 3rd quartiles	-0.05; -0.02
Min. and max.	-0.21; 0.19
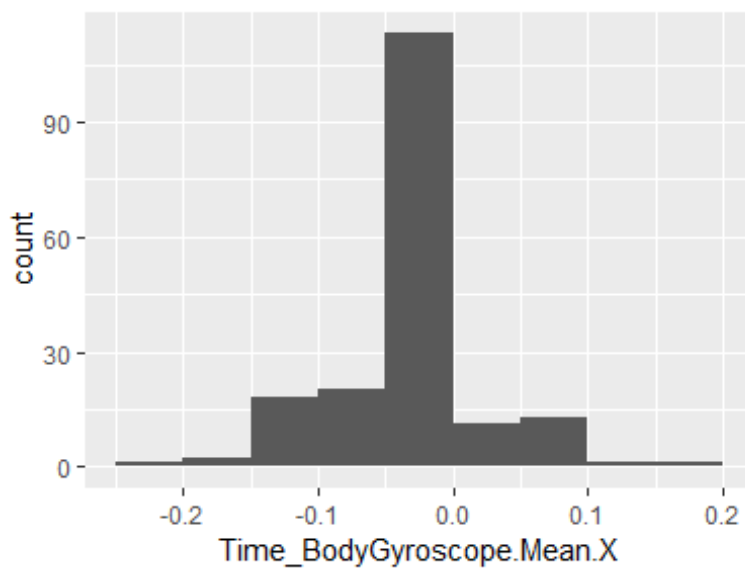
Time_BodyGyroscope.Mean.Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.07
1st and 3rd quartiles	-0.09; -0.06
Min. and max.	-0.2; 0.03
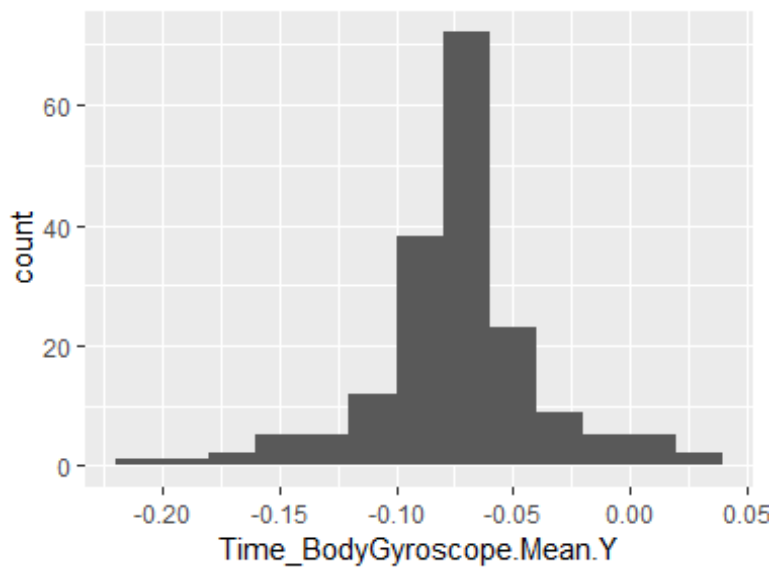
Time_BodyGyroscope.Mean.Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	0.09
1st and 3rd quartiles	0.07; 0.1
Min. and max.	-0.07; 0.18
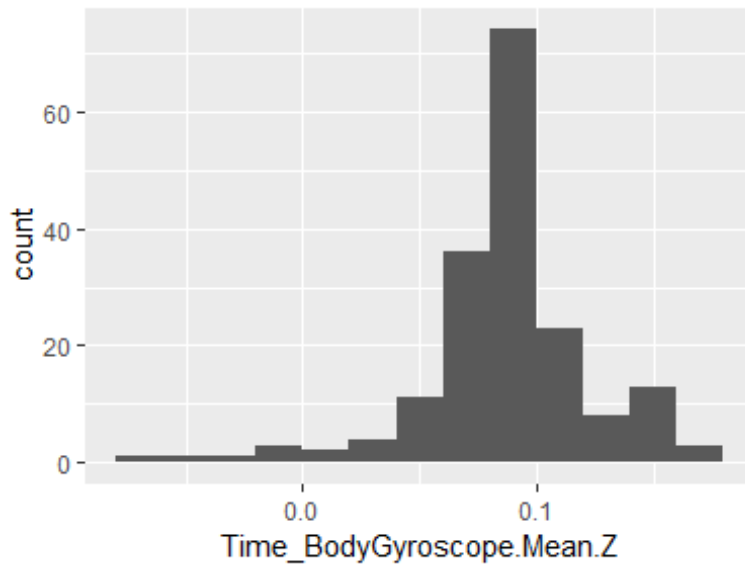
Time_BodyGyroscopeJerk.Mean.X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.1
1st and 3rd quartiles	-0.1; -0.09
Min. and max.	-0.16; -0.02
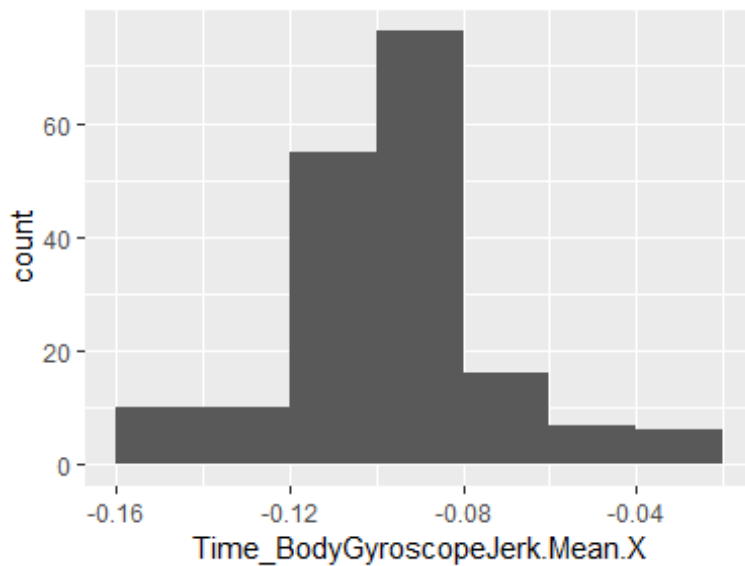
Time_BodyGyroscopeJerk.Mean.Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.04
1st and 3rd quartiles	-0.05; -0.04
Min. and max.	-0.08; -0.01
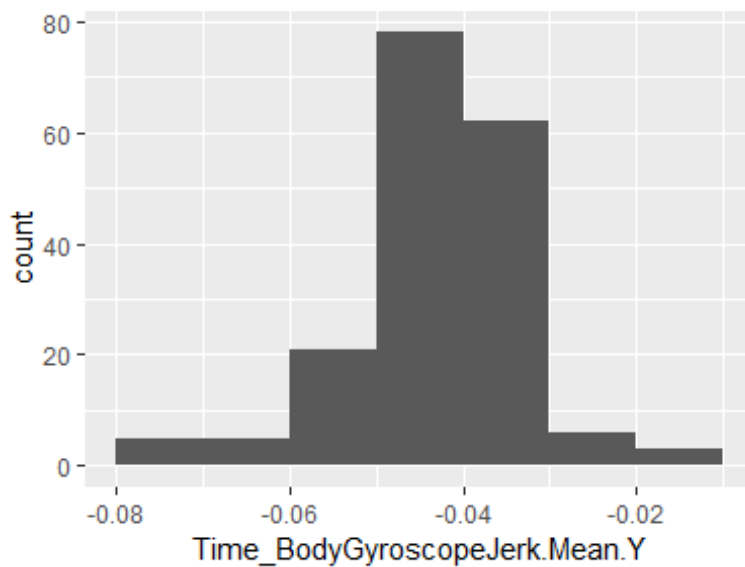
Time_BodyGyroscopeJerk.Mean.Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.05
1st and 3rd quartiles	-0.06; -0.05
Min. and max.	-0.09; -0.01

Time_BodyAccelerationMag.Mean

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.48
1st and 3rd quartiles	-0.96; -0.09
Min. and max.	-0.99; 0.64
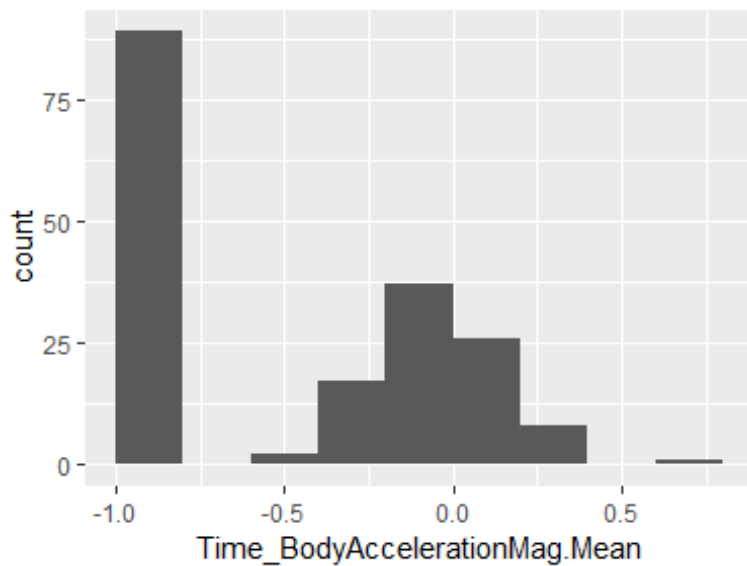
Time_GravityAccelerationMag.Mean

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.48
1st and 3rd quartiles	-0.96; -0.09
Min. and max.	-0.99; 0.64

Time_BodyAccelerationJerkMag.Mean

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.82
1st and 3rd quartiles	-0.98; -0.25
Min. and max.	-0.99; 0.43
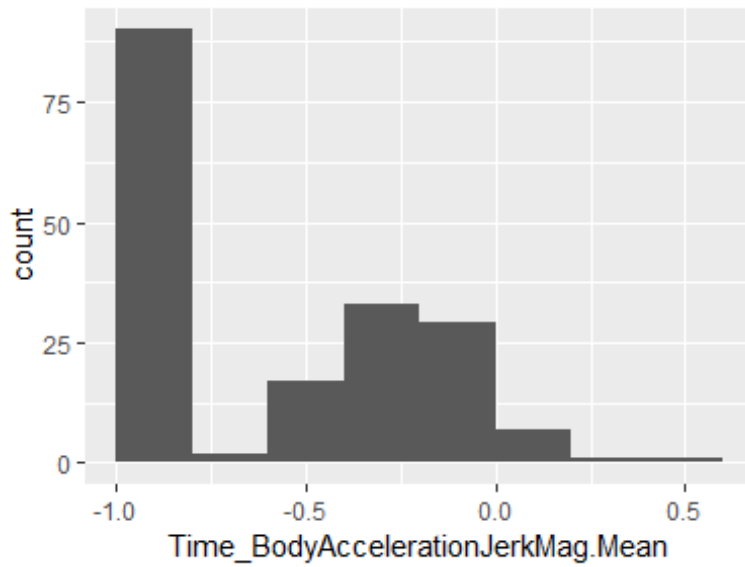
Time_BodyAccelerationJerkMag.Mean

Time_BodyGyroscopeMag.Mean

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.66
1st and 3rd quartiles	-0.95; -0.22
Min. and max.	-0.98; 0.42
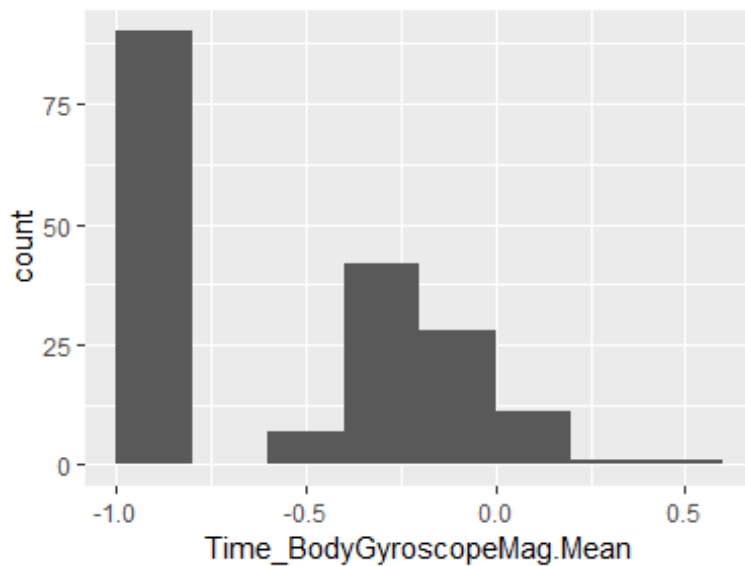
Time_BodyGyroscopeMag.Mean

Time_BodyGyroscopeJerkMag.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
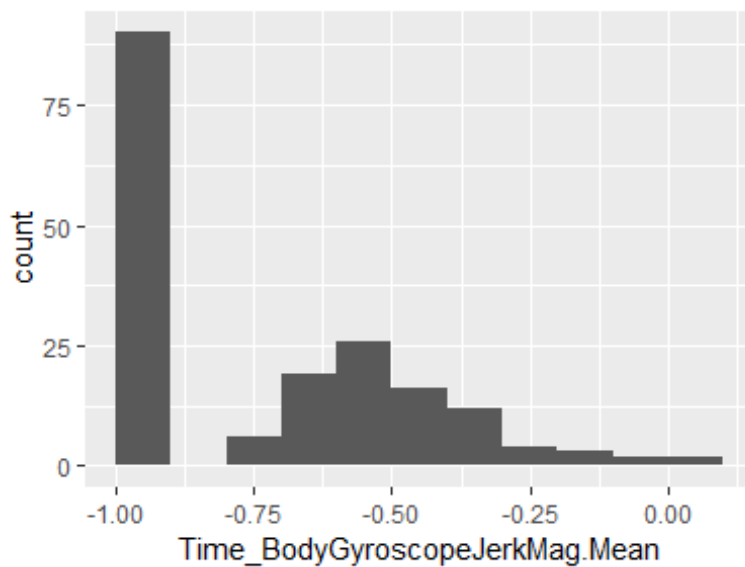
Frequency_BodyAcceleration.Mean.X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.77
1st and 3rd quartiles	-0.98; -0.22
Min. and max.	-1; 0.54
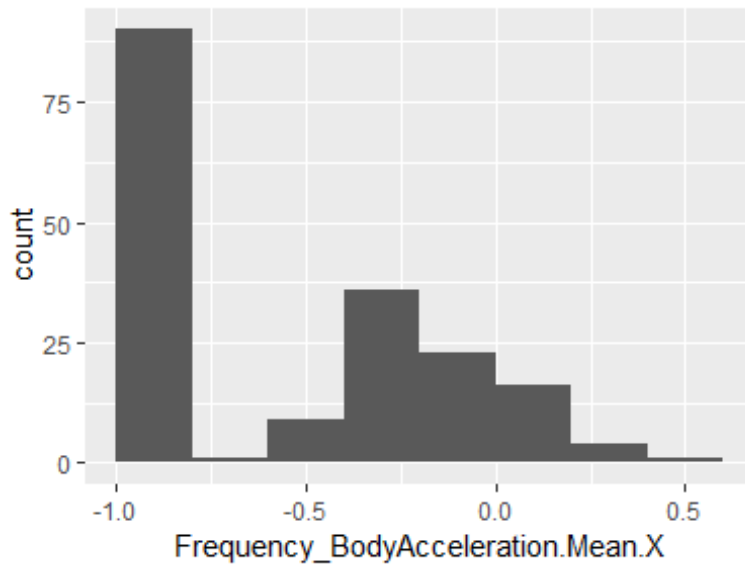
Frequency_BodyAcceleration.Mean.Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.59
1st and 3rd quartiles	-0.95; -0.06
Min. and max.	-0.99; 0.52
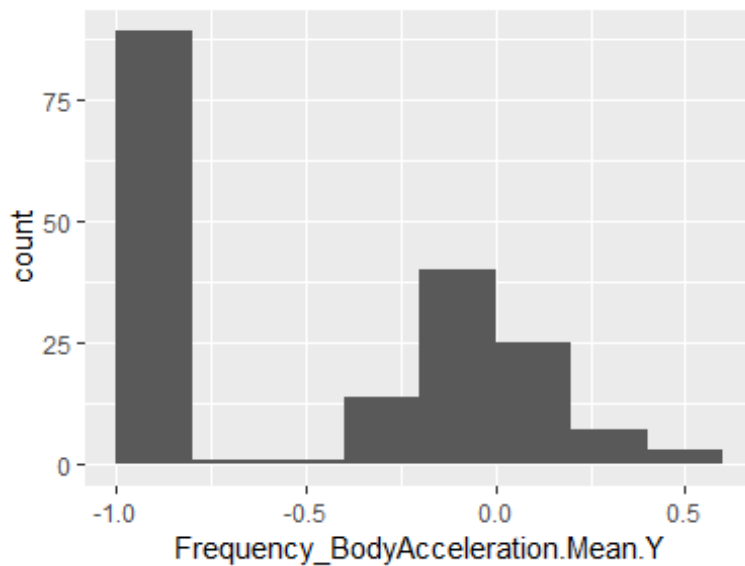
Frequency_BodyAcceleration.Mean.Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.72
1st and 3rd quartiles	-0.96; -0.32
Min. and max.	-0.99; 0.28
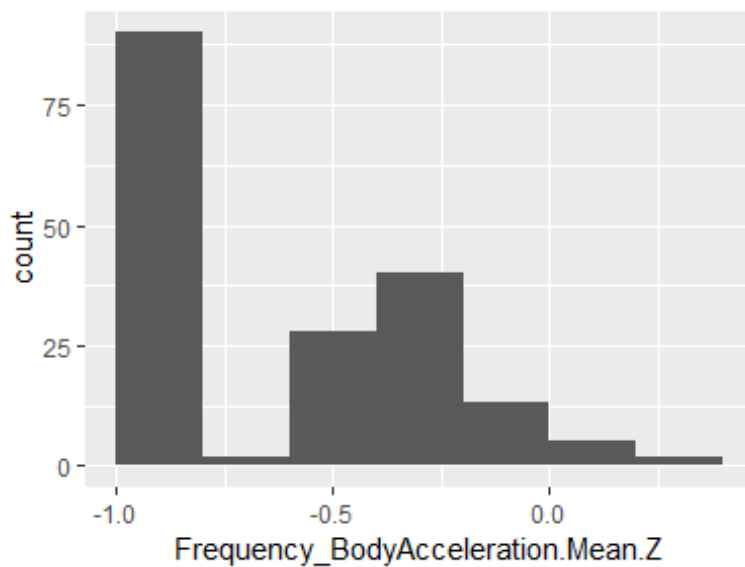
Frequency_BodyAccelerationMeanFrequency.X

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
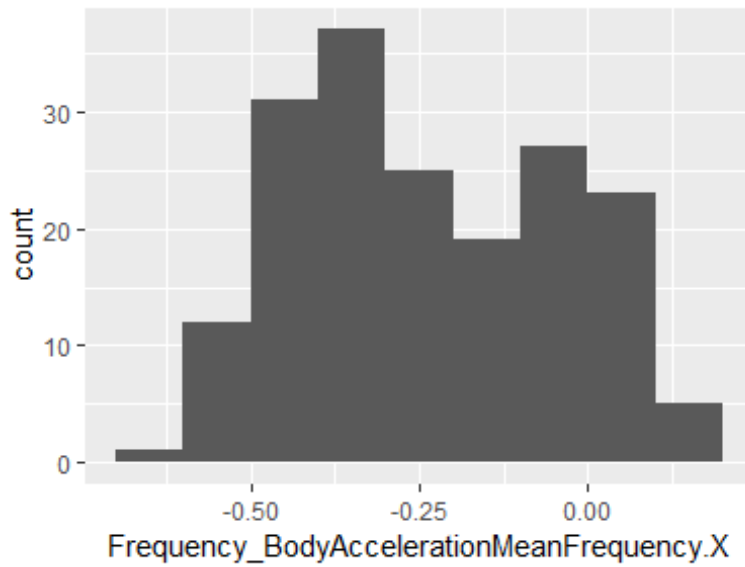
Frequency_BodyAccelerationMeanFrequency.X

Frequency_BodyAccelerationMeanFrequency.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

Frequency_BodyAccelerationMeanFrequency.Y
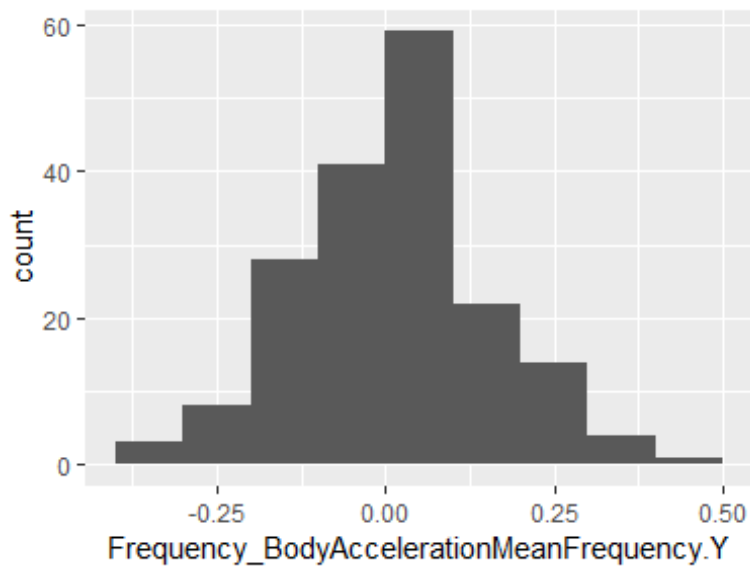
Frequency_BodyAccelerationMeanFrequency.Z

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
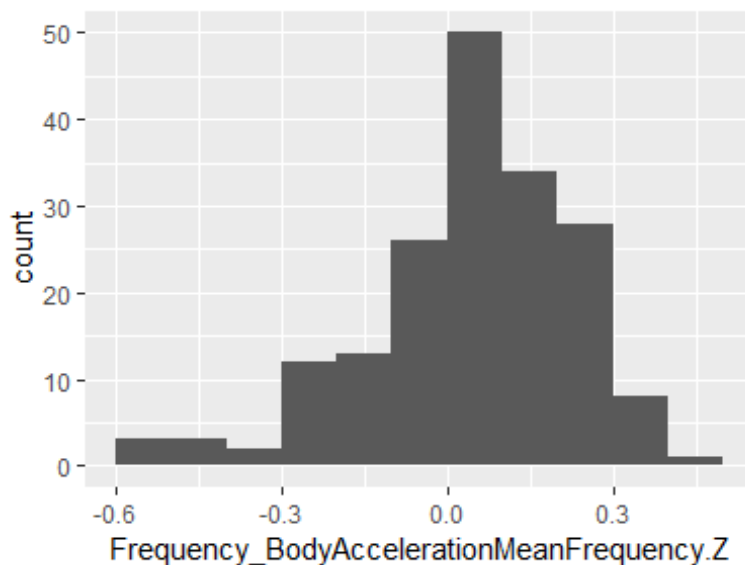
Frequency_BodyAccelerationJerk.Mean.X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.81
1st and 3rd quartiles	-0.98; -0.28
Min. and max.	-0.99; 0.47
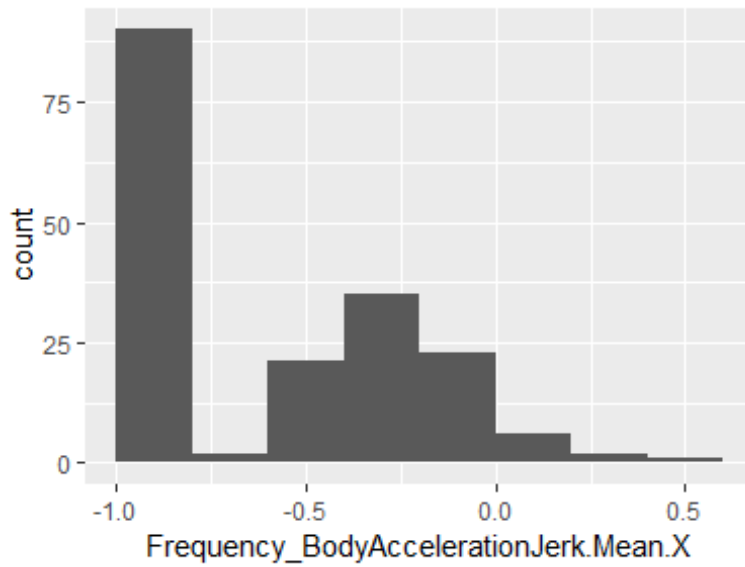
Frequency_BodyAccelerationJerk.Mean.Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.78
1st and 3rd quartiles	-0.97; -0.2
Min. and max.	-0.99; 0.28
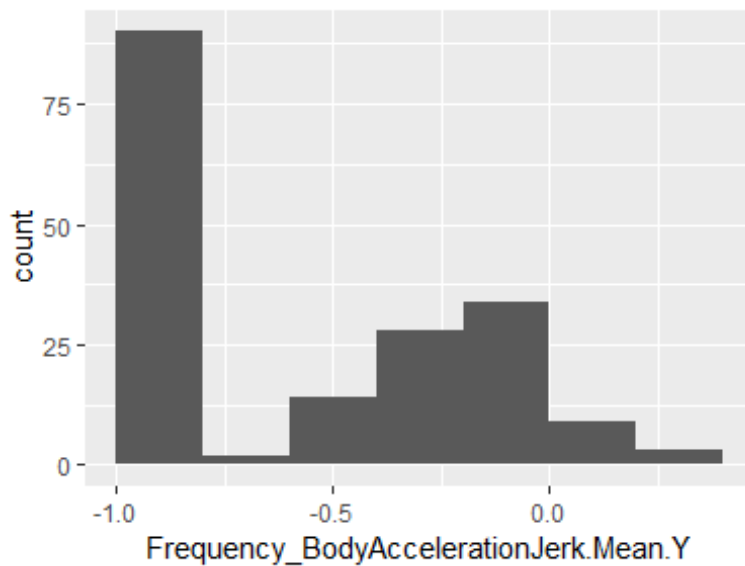
Frequency_BodyAccelerationJerk.Mean.Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.87
1st and 3rd quartiles	-0.98; -0.47
Min. and max.	-0.99; 0.16
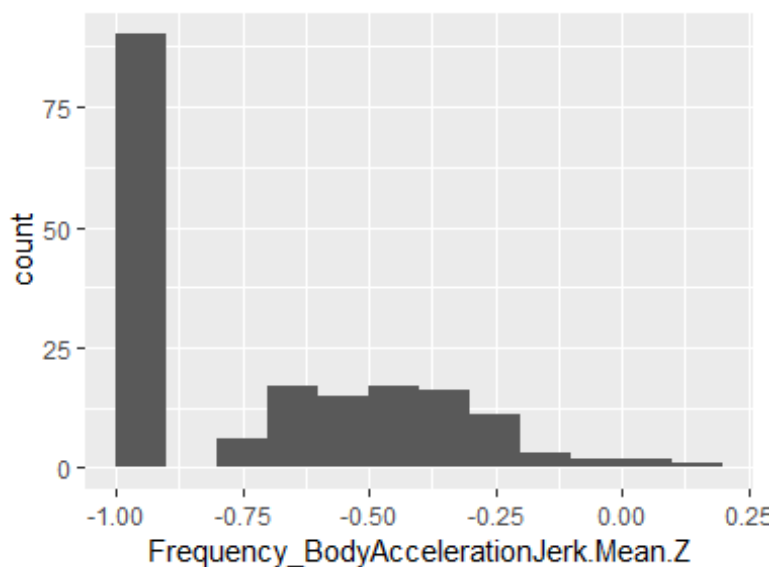
Frequency_BodyAccelerationJerkMeanFrequency.X

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
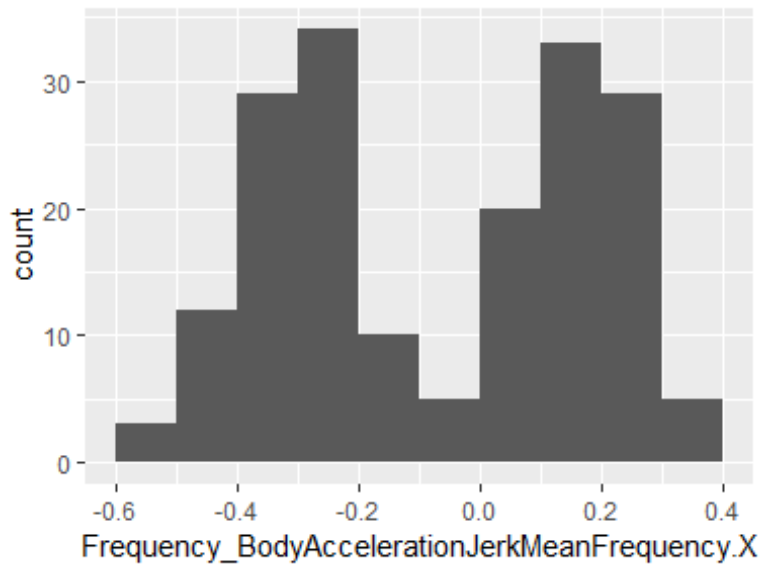
Frequency_BodyAccelerationJerkMeanFrequency.Y

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
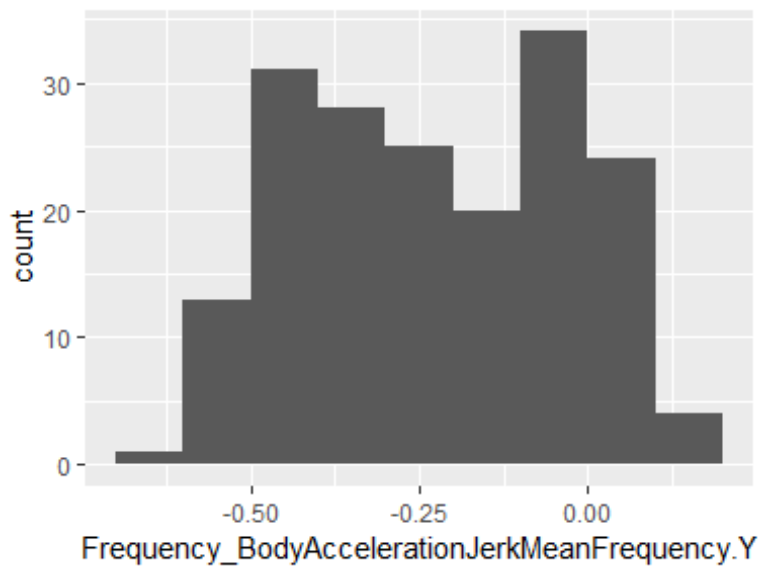
Frequency_BodyAccelerationJerkMeanFrequency.Z

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
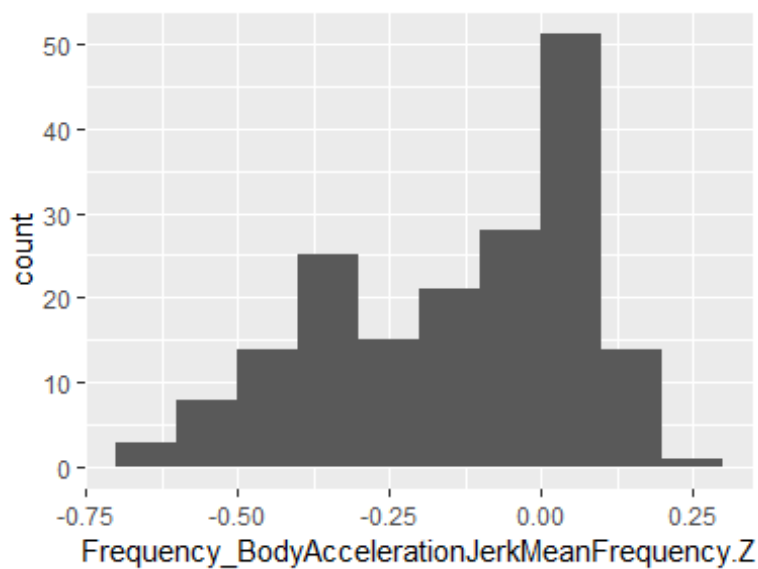
Frequency_BodyGyroscope.Mean.X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.73
1st and 3rd quartiles	-0.97; -0.34
Min. and max.	-0.99; 0.47
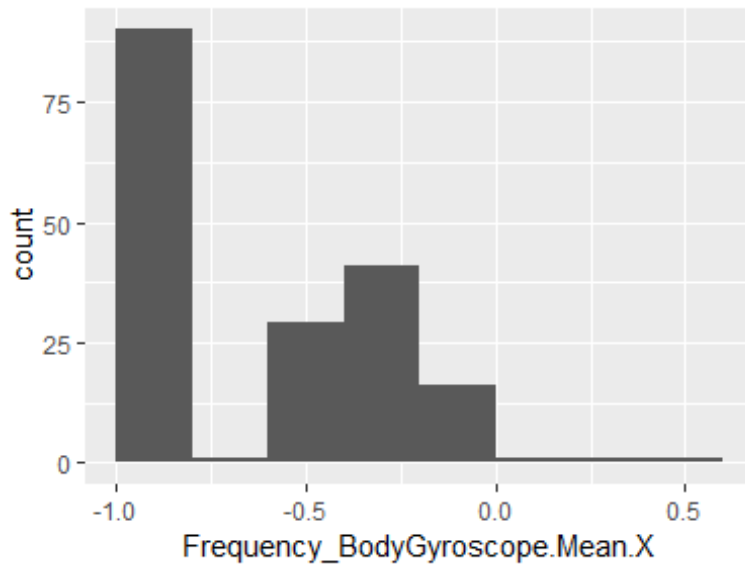
Frequency_BodyGyroscope.Mean.Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.81
1st and 3rd quartiles	-0.97; -0.45
Min. and max.	-0.99; 0.33
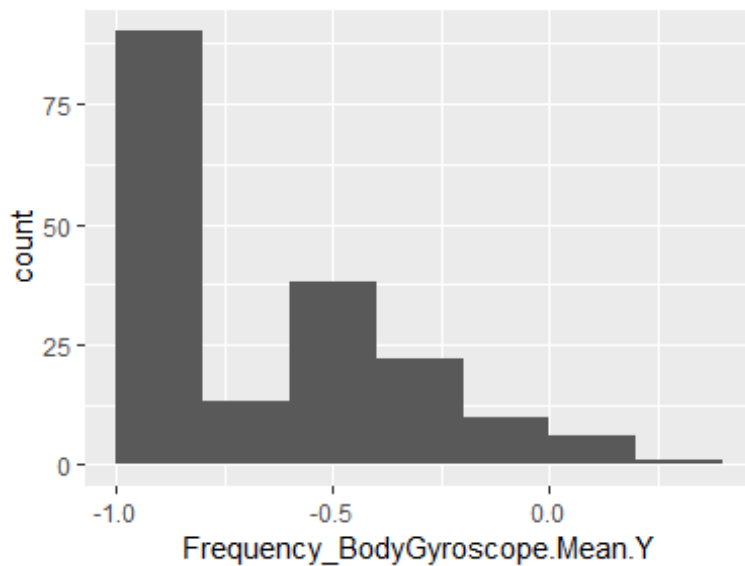
Frequency_BodyGyroscope.Mean.Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.79
1st and 3rd quartiles	-0.96; -0.26
Min. and max.	-0.99; 0.49
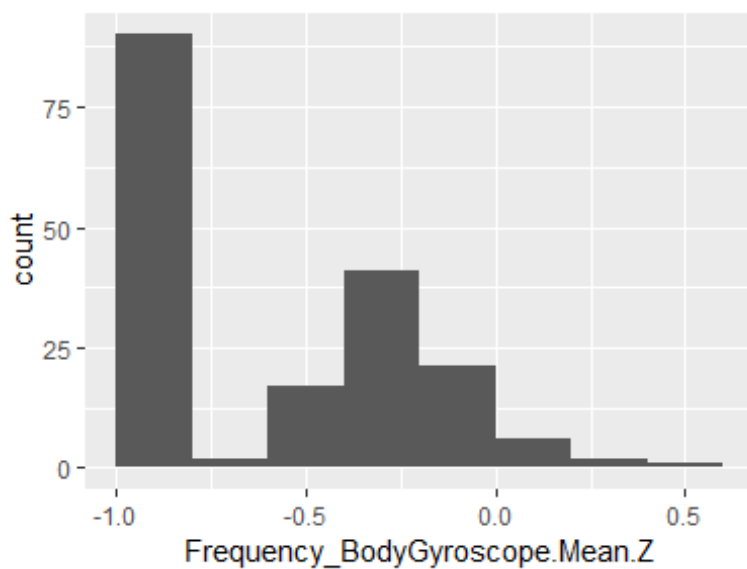
Frequency_BodyGyroscopeMeanFrequency.X

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
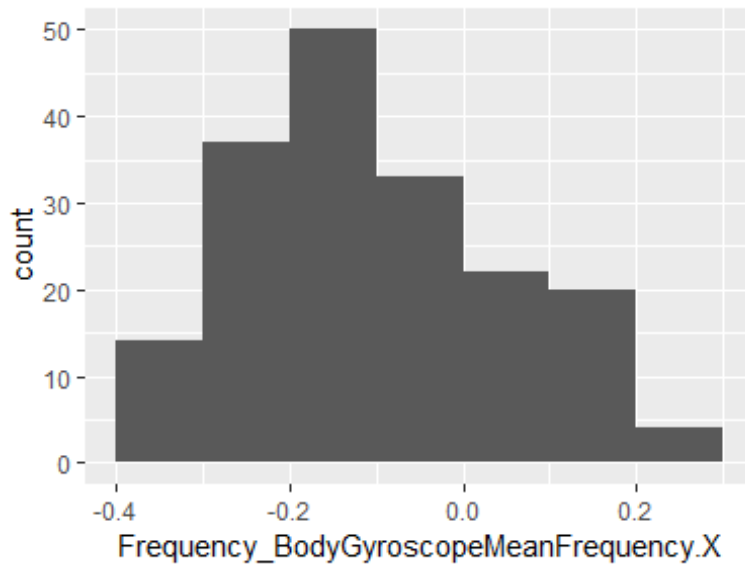
Frequency_BodyGyroscopeMeanFrequency.Y

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
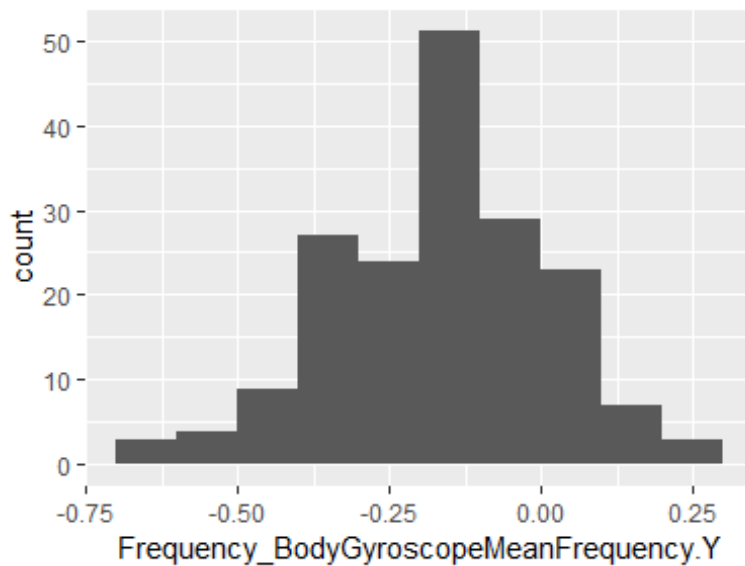
Frequency_BodyGyroscopeMeanFrequency.Z

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
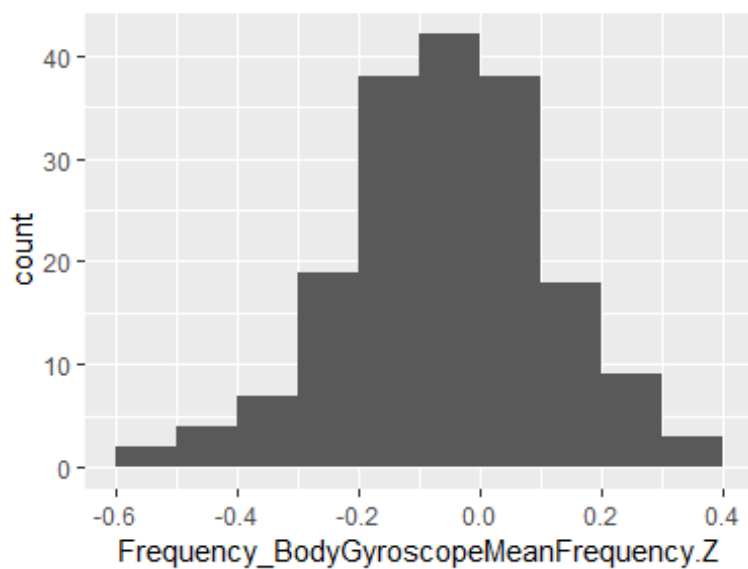
Frequency_BodyAccelerationMag.Mean

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.67
1st and 3rd quartiles	-0.96; -0.16
Min. and max.	-0.99; 0.59
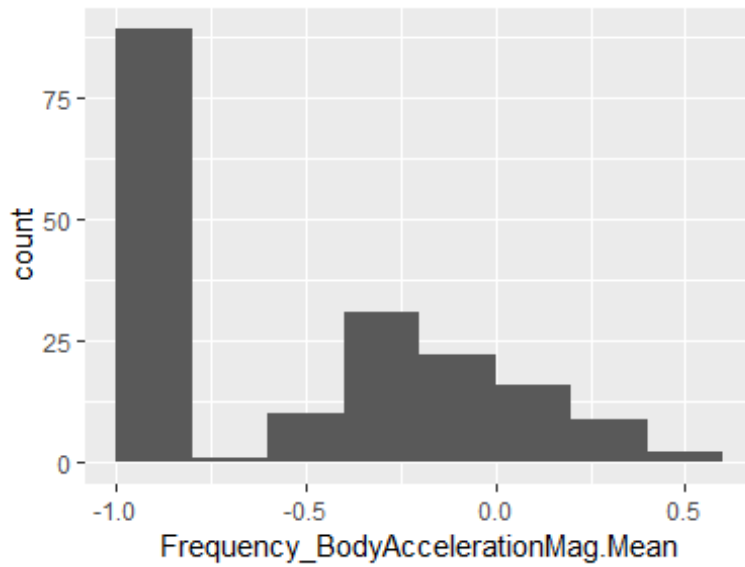
Frequency_BodyAccelerationMagMeanFrequency

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
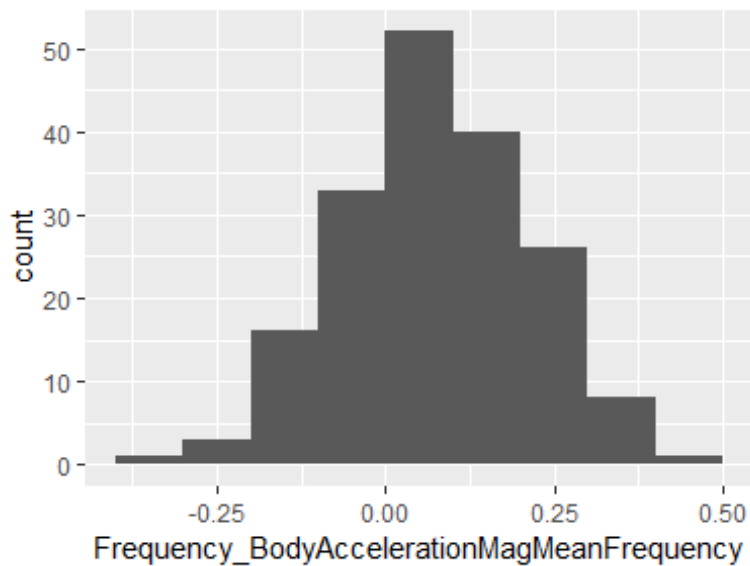
Frequency_BodyBodyAccelerationJerkMag.Mean

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.79
1st and 3rd quartiles	-0.98; -0.19
Min. and max.	-0.99; 0.54
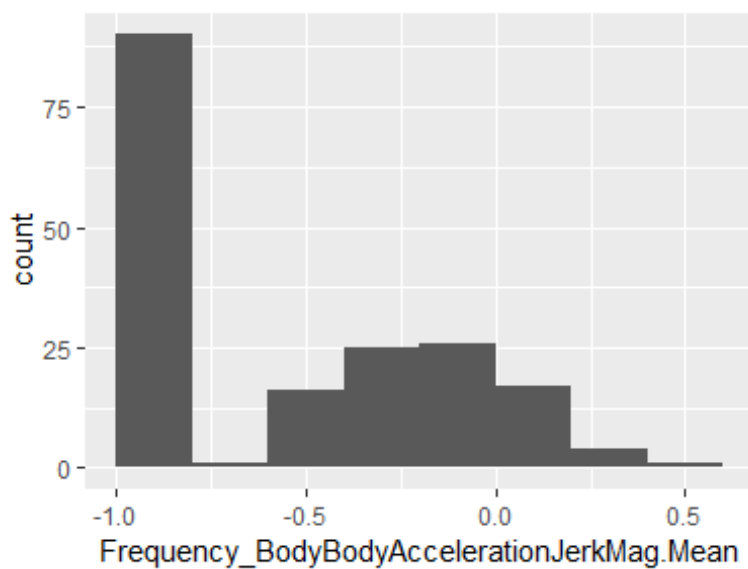
Frequency_BodyBodyAccelerationJerkMagMeanFrequency

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
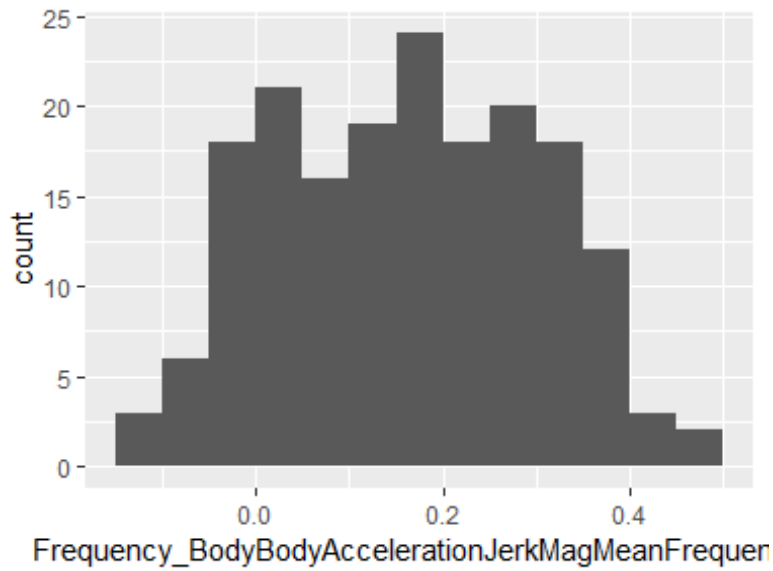
Frequency_BodyBodyGyroscopeMag.Mean

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.77
1st and 3rd quartiles	-0.96; -0.41
Min. and max.	-0.99; 0.2
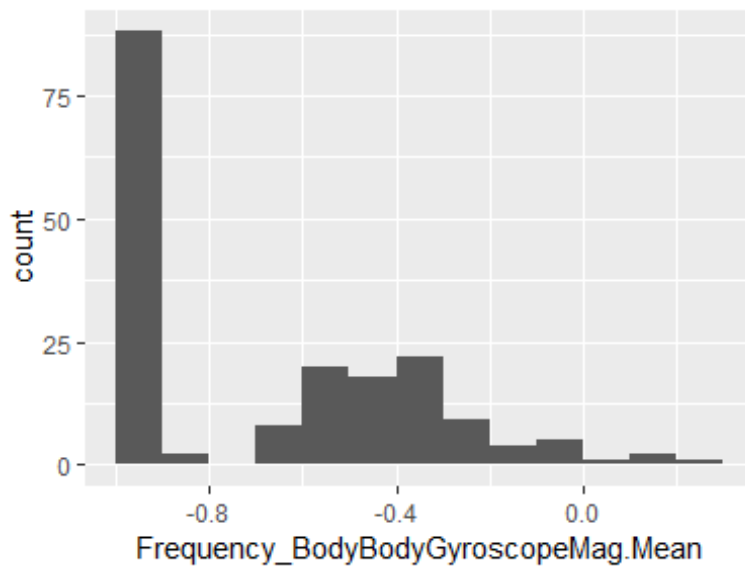
Frequency_BodyBodyGyroscopeMagMeanFrequency

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
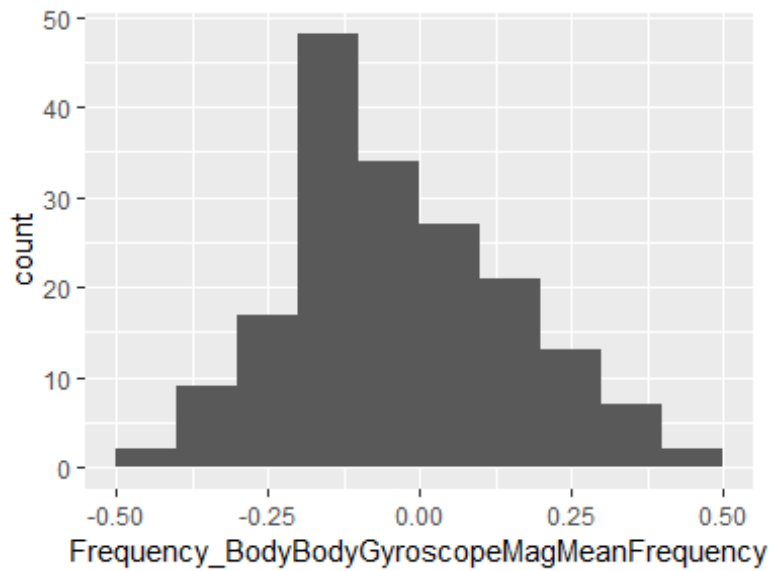
Frequency_BodyBodyGyroscopeJerkMag.Mean

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.88
1st and 3rd quartiles	-0.98; -0.58
Min. and max.	-1; 0.15
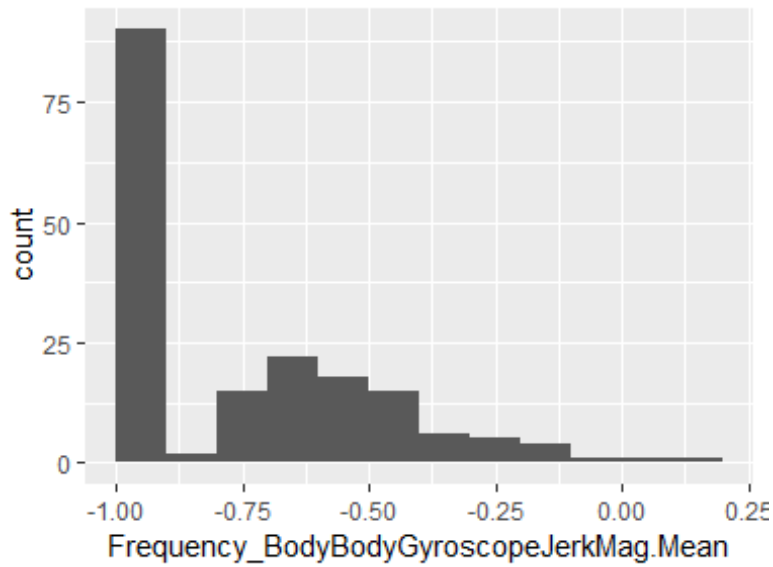
Frequency_BodyBodyGyroscopeJerkMagMeanFrequency

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	0.11
1st and 3rd quartiles	0.05; 0.21
Min. and max.	-0.18; 0.43
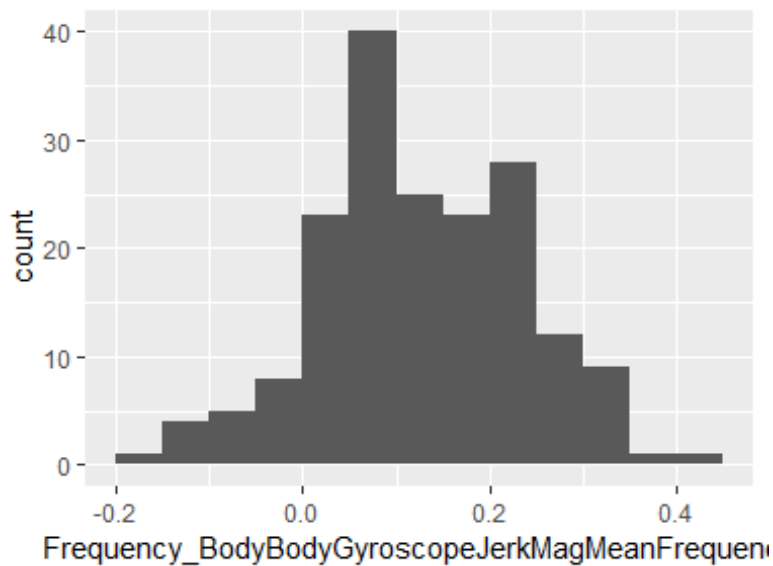
Angle_.tBodyAccelerationMean.gravity.

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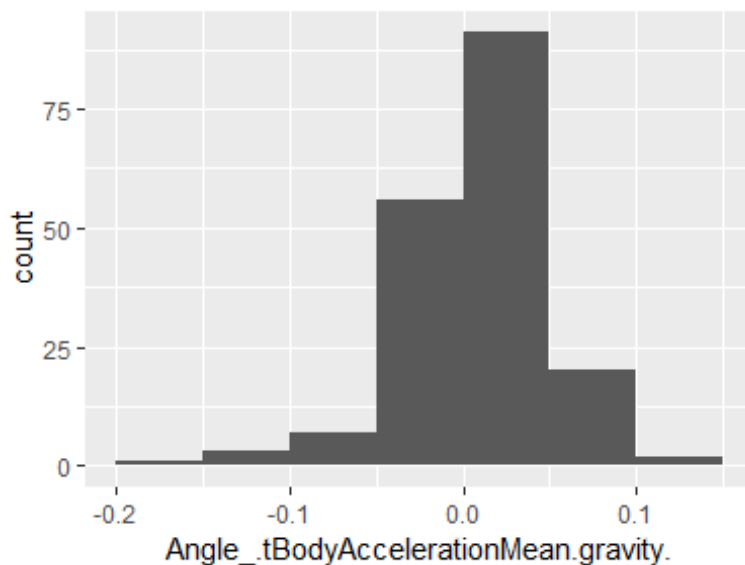
Angle_.tBodyAccelerationJerkMean..gravityMean.

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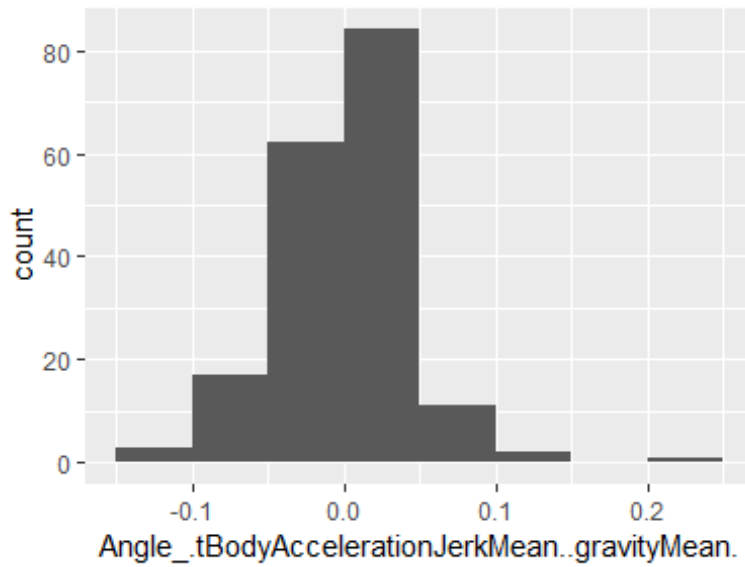
Angle_.tBodyGyroscopeMean.gravityMean.

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	0.02
1st and 3rd quartiles	-0.02; 0.06
Min. and max.	-0.39; 0.44
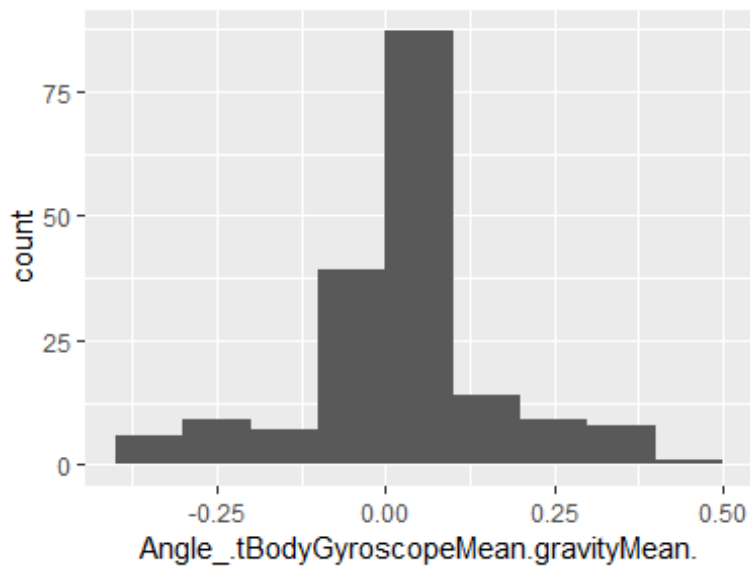
Angle_.tBodyGyroscopeJerkMean.gravityMean.

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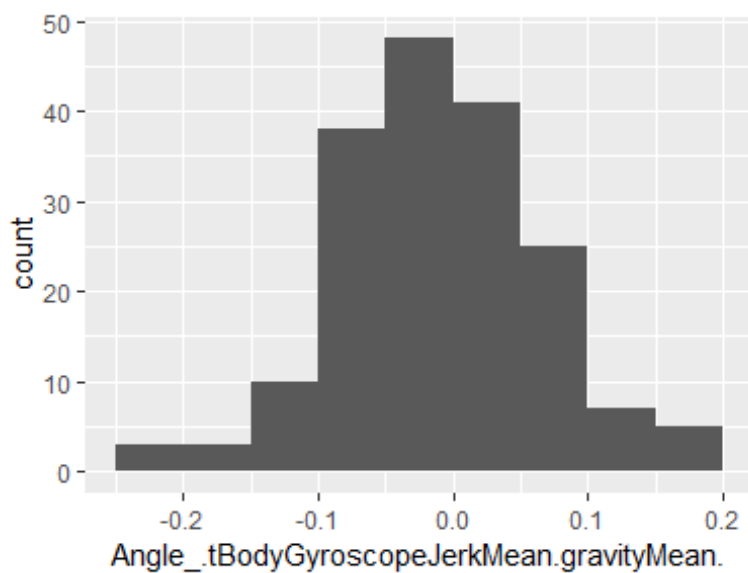
Angle_.X.gravityMean.

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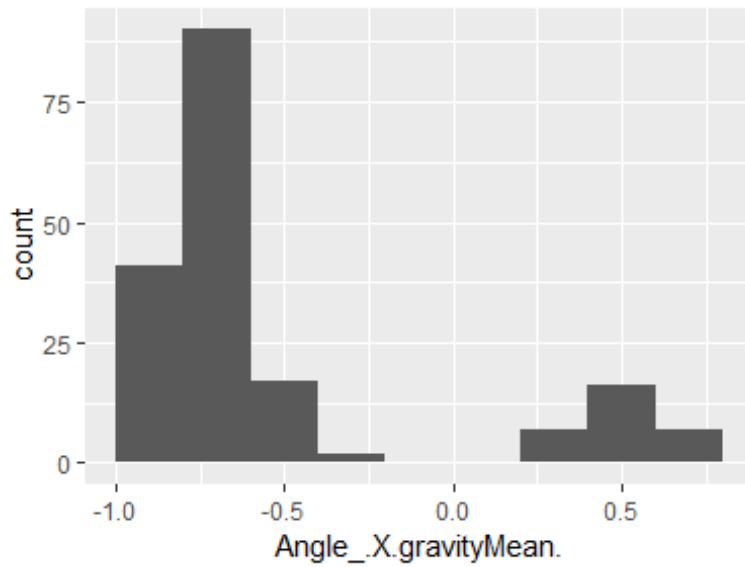
Angle_.Y.gravityMean.

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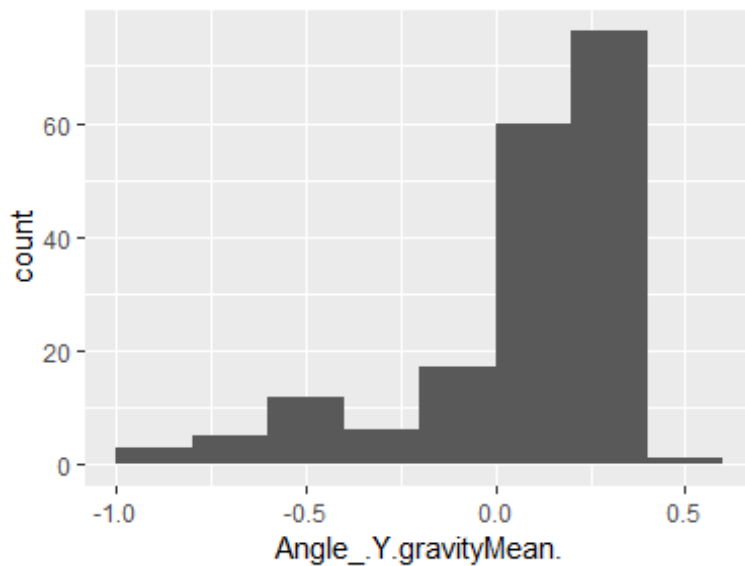
Angle_.Z.gravityMean.

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	0.01
1st and 3rd quartiles	-0.08; 0.11
Min. and max.	-0.87; 0.39
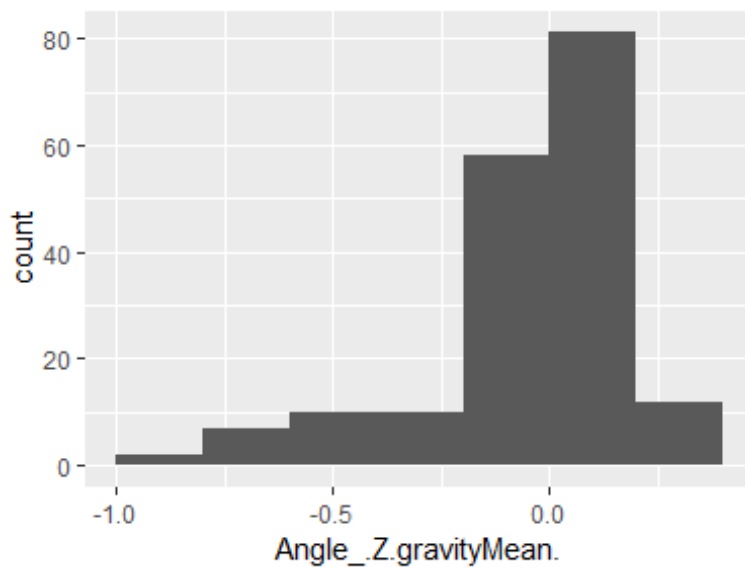
Time_BodyAcceleration.SD.X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.75
1st and 3rd quartiles	-0.98; -0.2
Min. and max.	-1; 0.63
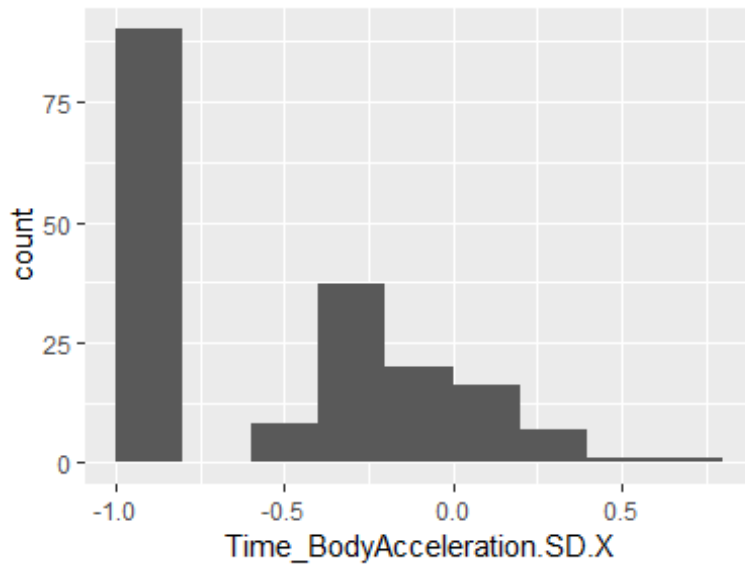
Time_BodyAcceleration.SD.Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.51
1st and 3rd quartiles	-0.94; -0.03
Min. and max.	-0.99; 0.62
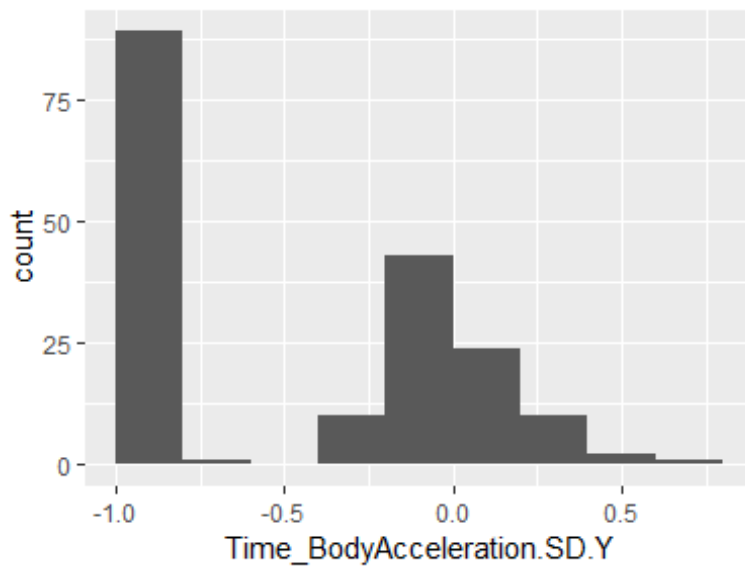
Time_BodyAcceleration.SD.Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.65
1st and 3rd quartiles	-0.95; -0.23
Min. and max.	-0.99; 0.61
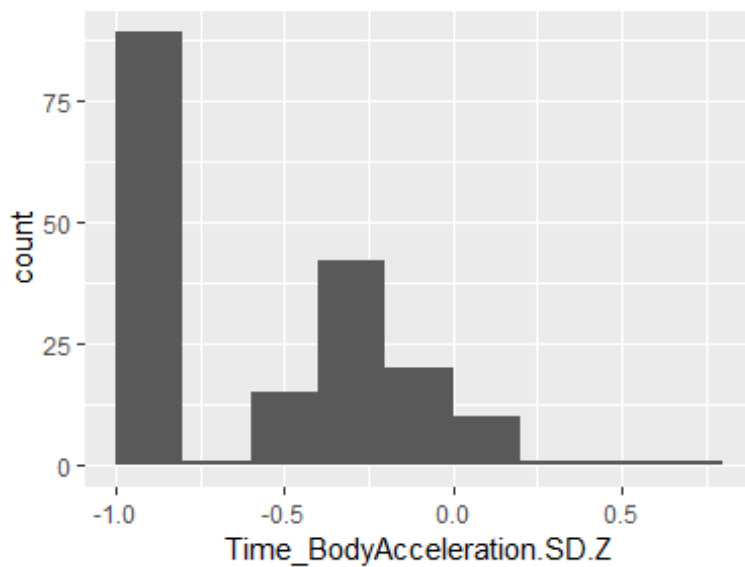
Time_GravityAcceleration.SD.X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.97
1st and 3rd quartiles	-0.98; -0.95
Min. and max.	-1; -0.83
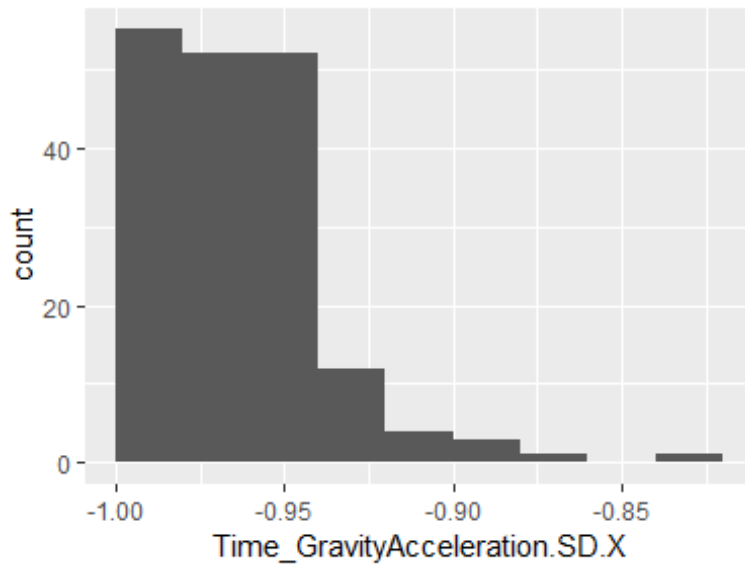
Time_GravityAcceleration.SD.Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.96
1st and 3rd quartiles	-0.97; -0.94
Min. and max.	-0.99; -0.64
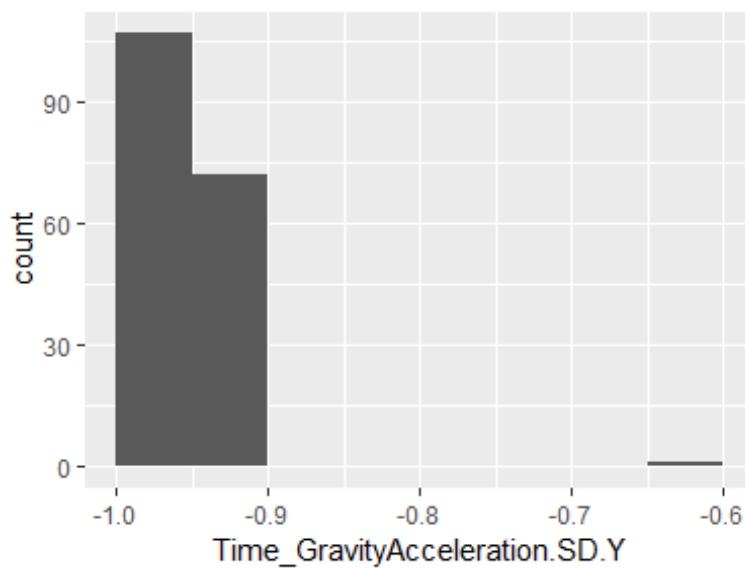
Time_GravityAcceleration.SD.Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.95
1st and 3rd quartiles	-0.96; -0.92
Min. and max.	-0.99; -0.61
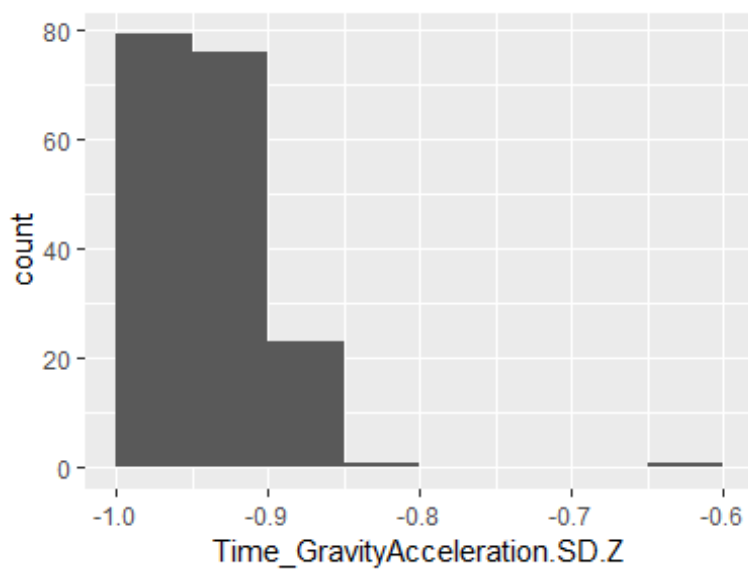
Time_BodyAccelerationJerk.SD.X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.81
1st and 3rd quartiles	-0.98; -0.22
Min. and max.	-0.99; 0.54
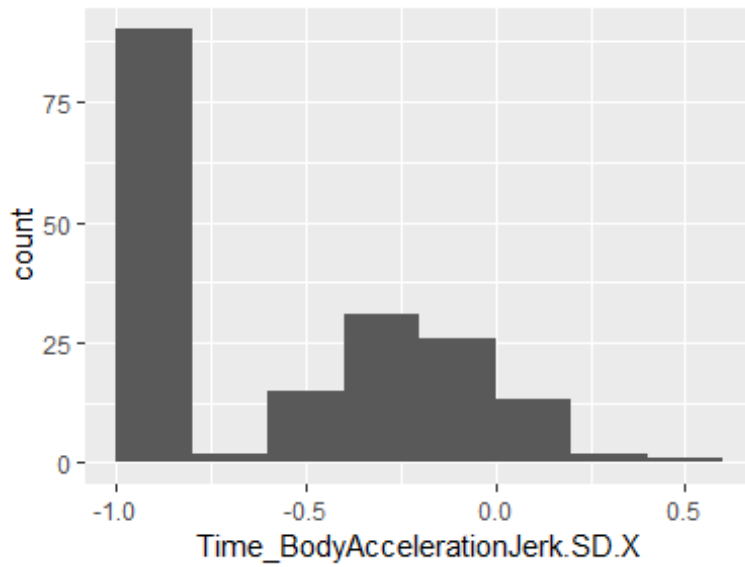
Time_BodyAccelerationJerk.SD.Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.78
1st and 3rd quartiles	-0.97; -0.15
Min. and max.	-0.99; 0.36
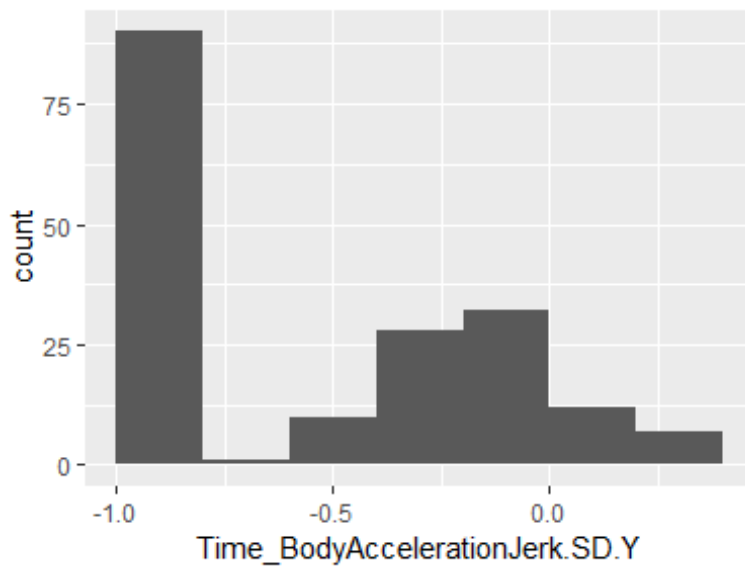
Time_BodyAccelerationJerk.SD.Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.88
1st and 3rd quartiles	-0.98; -0.51
Min. and max.	-0.99; 0.03
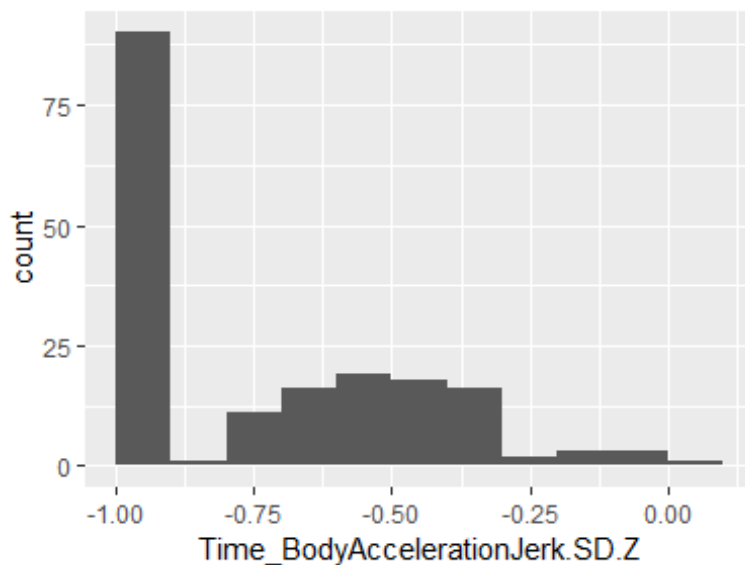
Time_BodyGyroscope.SD.X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.79
1st and 3rd quartiles	-0.97; -0.44
Min. and max.	-0.99; 0.27
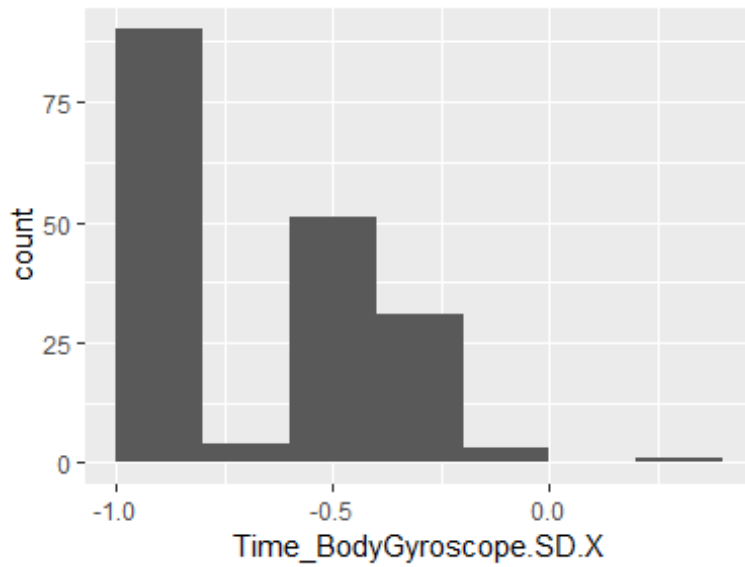
Time_BodyGyroscope.SD.Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.8
1st and 3rd quartiles	-0.96; -0.42
Min. and max.	-0.99; 0.48
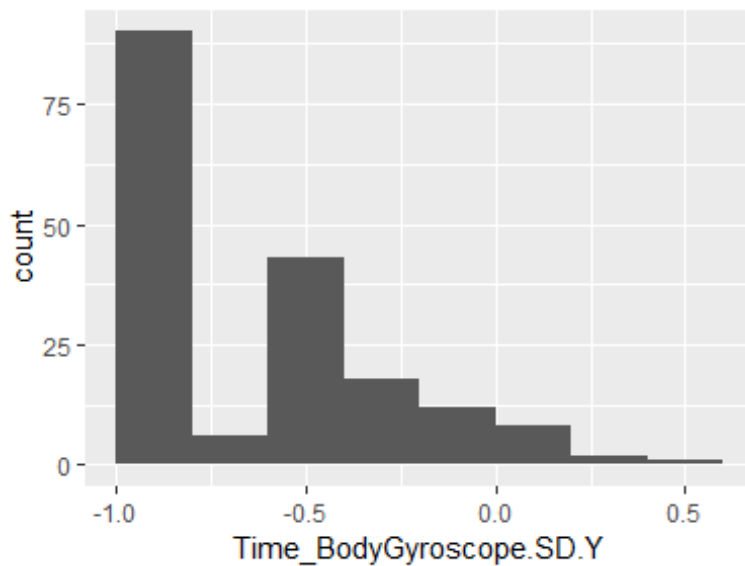
Time_BodyGyroscope.SD.Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.8
1st and 3rd quartiles	-0.96; -0.31
Min. and max.	-0.99; 0.56
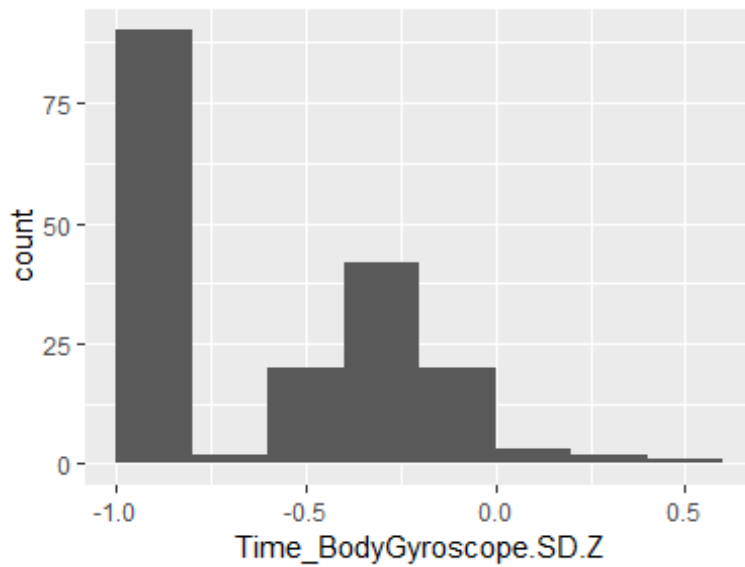
Time_BodyGyroscopeJerk.SD.X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.84
1st and 3rd quartiles	-0.98; -0.46
Min. and max.	-1; 0.18
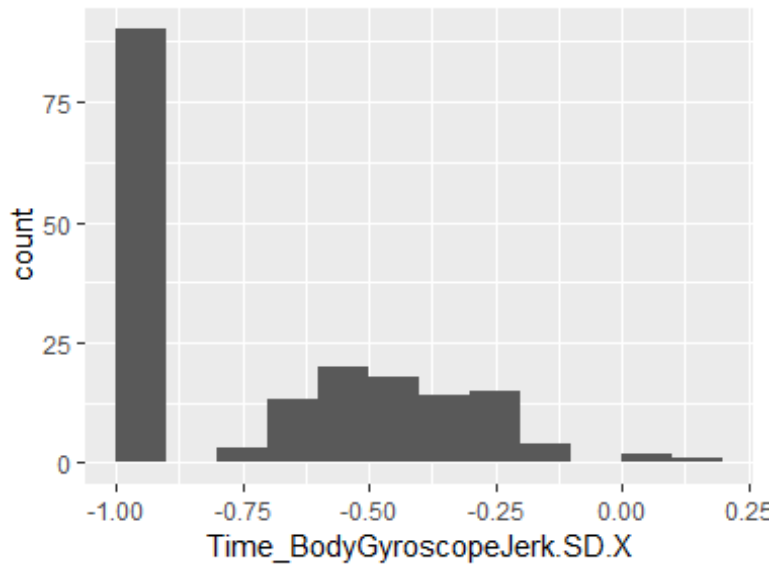
Time_BodyGyroscopeJerk.SD.Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.89
1st and 3rd quartiles	-0.98; -0.59
Min. and max.	-1; 0.3
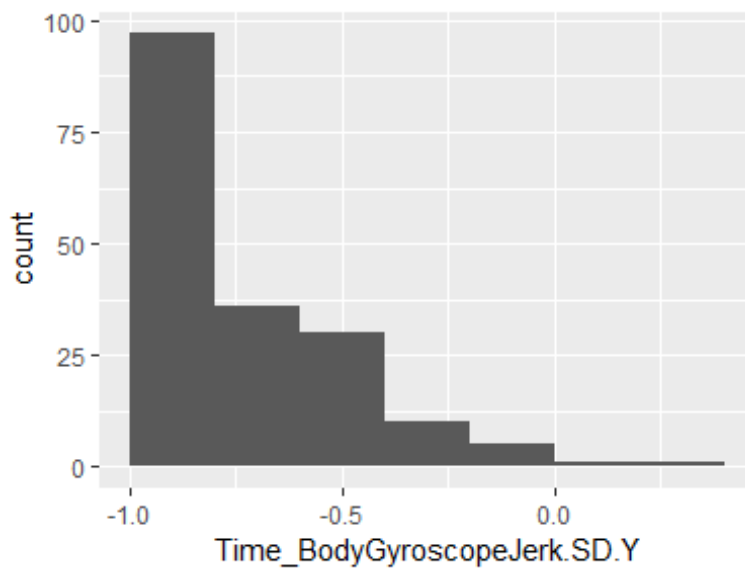
Time_BodyGyroscopeJerk.SD.Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.86
1st and 3rd quartiles	-0.98; -0.47
Min. and max.	-1; 0.19
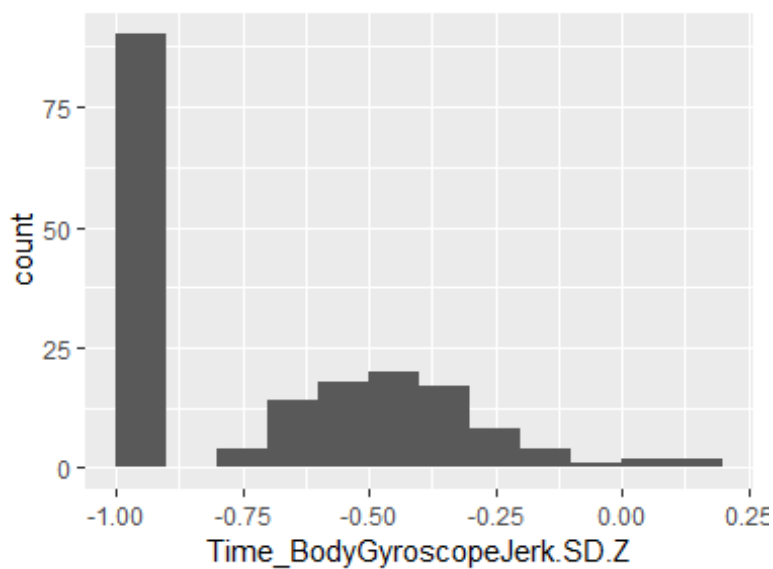
Time_BodyAccelerationMag.SD

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.61
1st and 3rd quartiles	-0.94; -0.21
Min. and max.	-0.99; 0.43

Time_GravityAccelerationMag.SD

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.61
1st and 3rd quartiles	-0.94; -0.21
Min. and max.	-0.99; 0.43
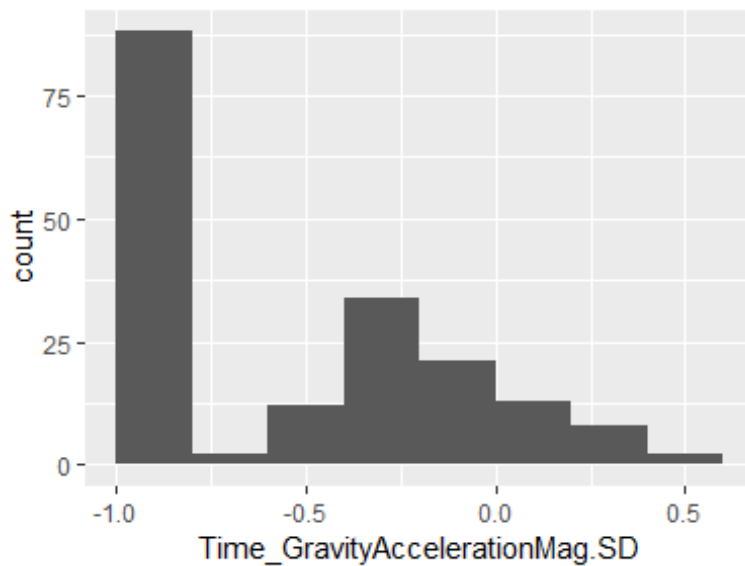
Time_BodyAccelerationJerkMag.SD

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.8
1st and 3rd quartiles	-0.98; -0.22
Min. and max.	-0.99; 0.45

Time_BodyGyroscopeMag.SD

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.74
1st and 3rd quartiles	-0.95; -0.36
Min. and max.	-0.98; 0.3
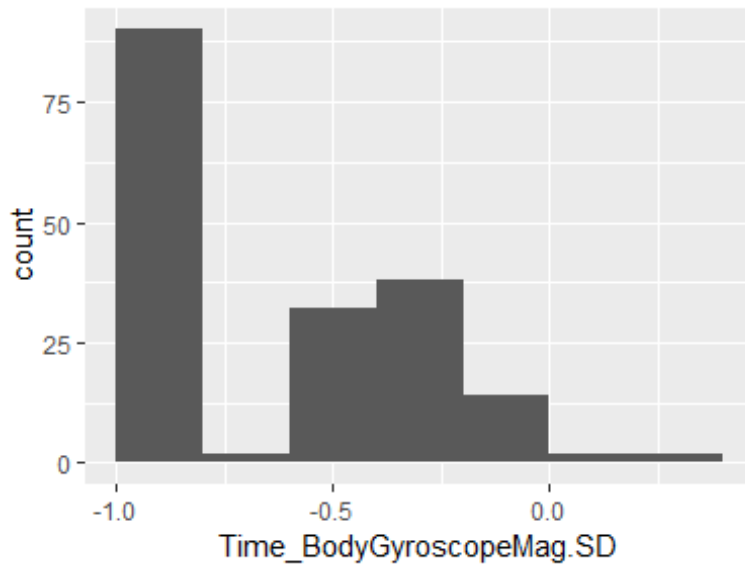
Time_BodyGyroscopeJerkMag.SD

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.88
1st and 3rd quartiles	-0.98; -0.58
Min. and max.	-1; 0.25
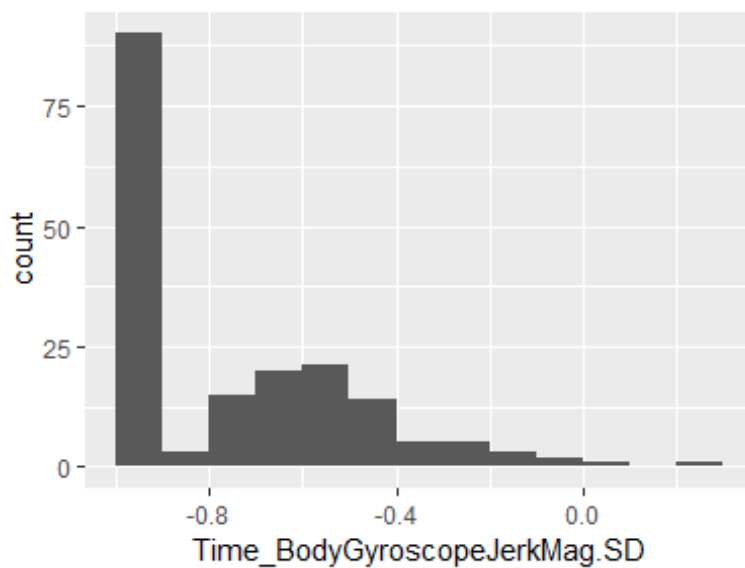
Frequency_BodyAcceleration.SD.X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.75
1st and 3rd quartiles	-0.98; -0.2
Min. and max.	-1; 0.66
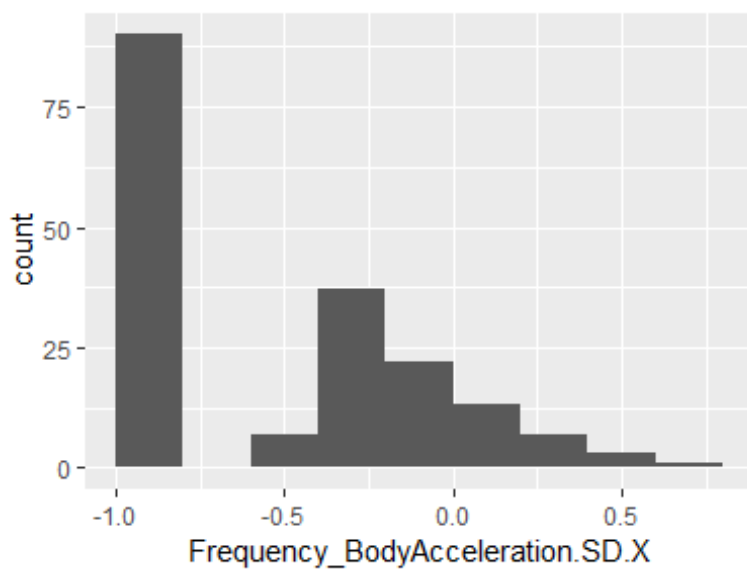
Frequency_BodyAcceleration.SD.Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.51
1st and 3rd quartiles	-0.94; -0.08
Min. and max.	-0.99; 0.56
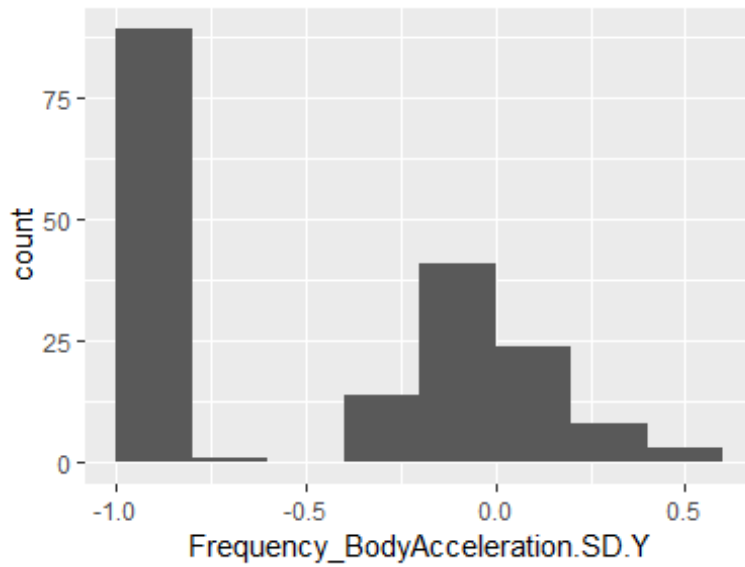
Frequency_BodyAcceleration.SD.Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.64
1st and 3rd quartiles	-0.95; -0.27
Min. and max.	-0.99; 0.69
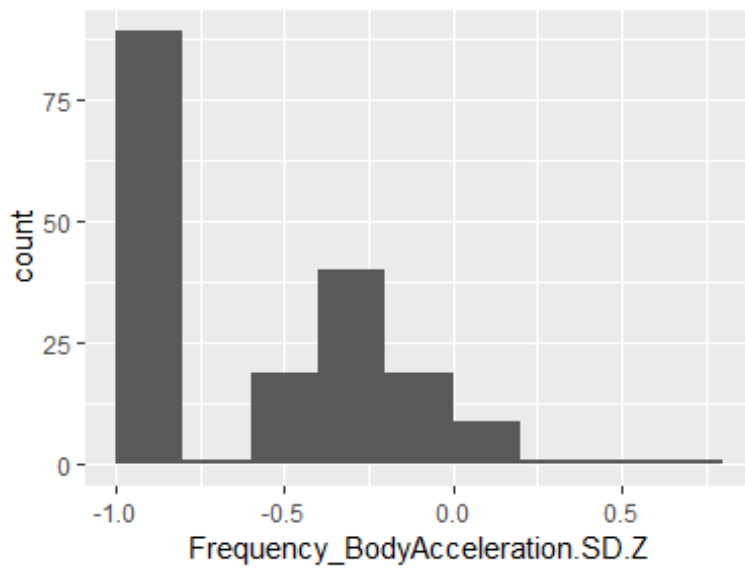
Frequency_BodyAccelerationJerk.SD.X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.83
1st and 3rd quartiles	-0.98; -0.25
Min. and max.	-1; 0.48
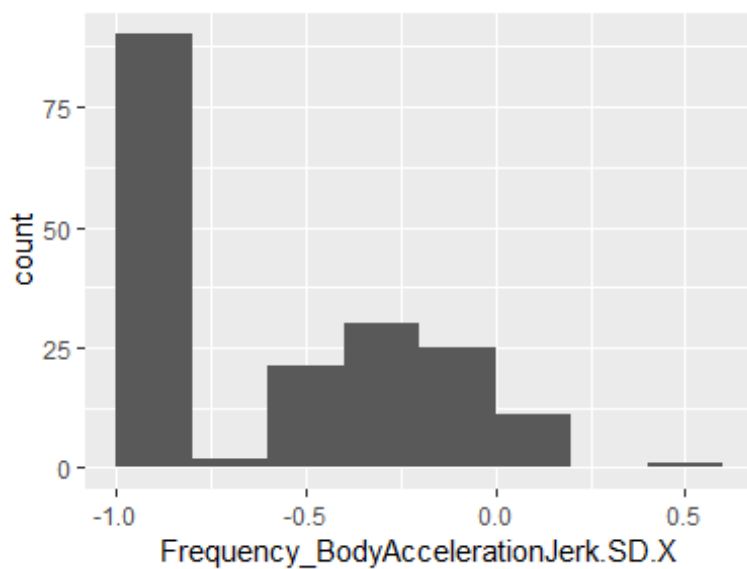
Frequency_BodyAccelerationJerk.SD.Y

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
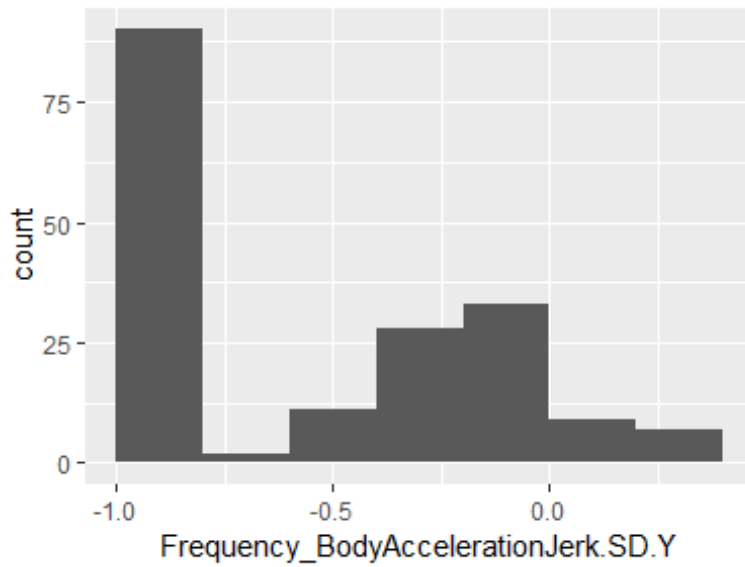
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Frequency_BodyAccelerationJerk.SD.Z

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
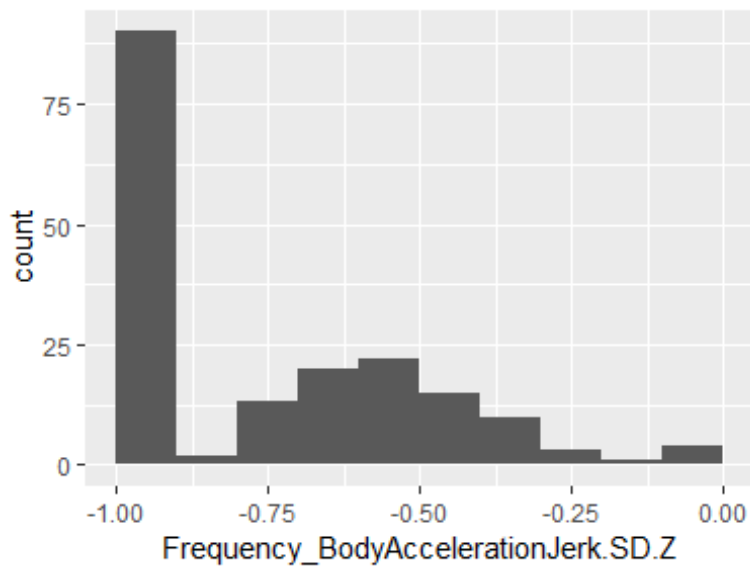
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Frequency_BodyGyroscope.SD.X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.81
1st and 3rd quartiles	-0.98; -0.48
Min. and max.	-0.99; 0.2
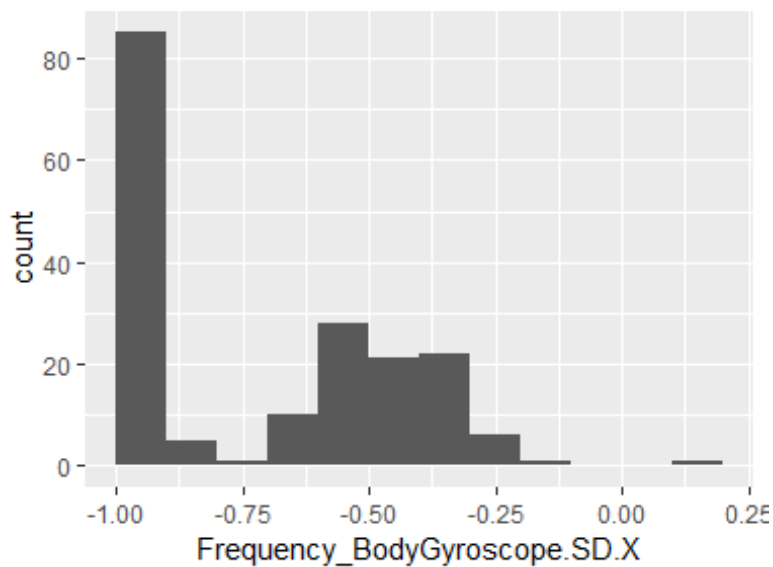
Frequency_BodyGyroscope.SD.Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.8
1st and 3rd quartiles	-0.96; -0.42
Min. and max.	-0.99; 0.65
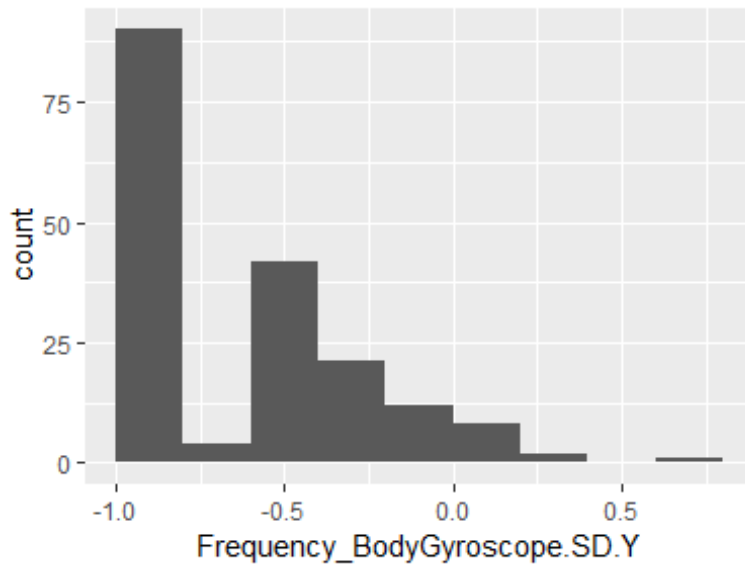
Frequency_BodyGyroscope.SD.Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.82
1st and 3rd quartiles	-0.96; -0.39
Min. and max.	-0.99; 0.52
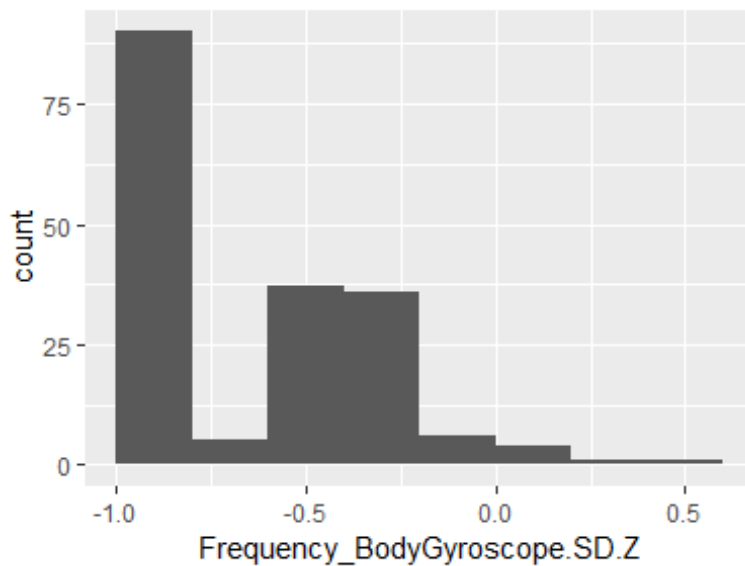
Frequency_BodyAccelerationMag.SD

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.65
1st and 3rd quartiles	-0.95; -0.37
Min. and max.	-0.99; 0.18
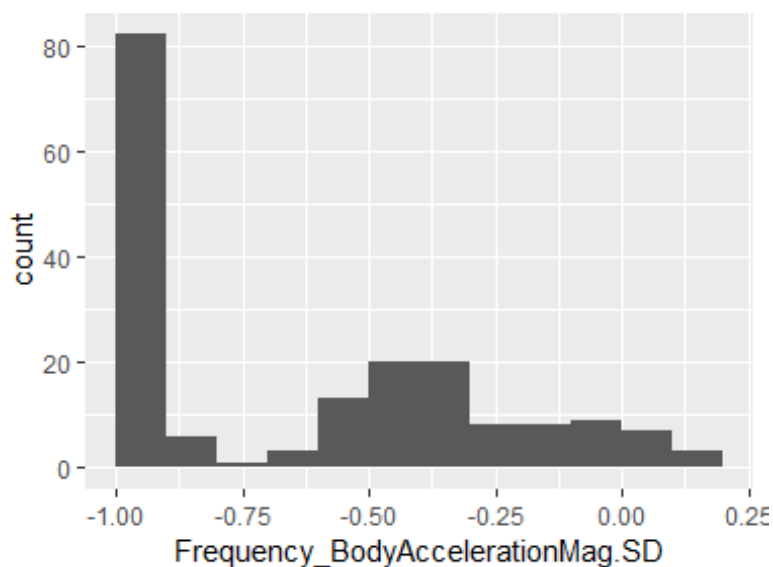
Frequency_BodyBodyAccelerationJerkMag.SD

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.81
1st and 3rd quartiles	-0.98; -0.27
Min. and max.	-0.99; 0.32
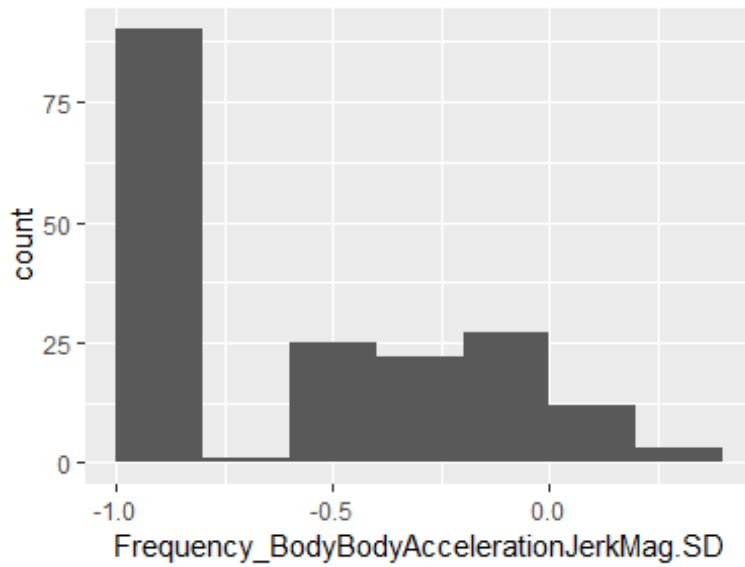
Frequency_BodyBodyGyroscopeMag.SD

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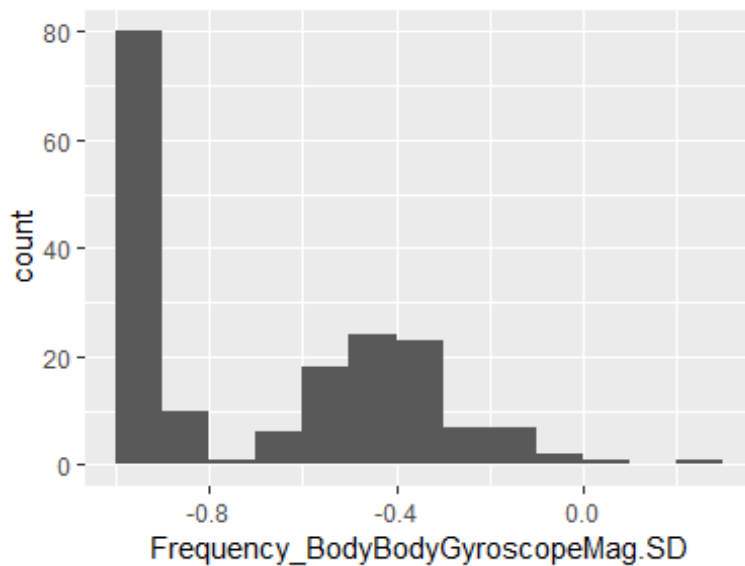
Frequency_BodyBodyGyroscopeJerkMag.SD

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.89
1st and 3rd quartiles	-0.98; -0.61
Min. and max.	-1; 0.29
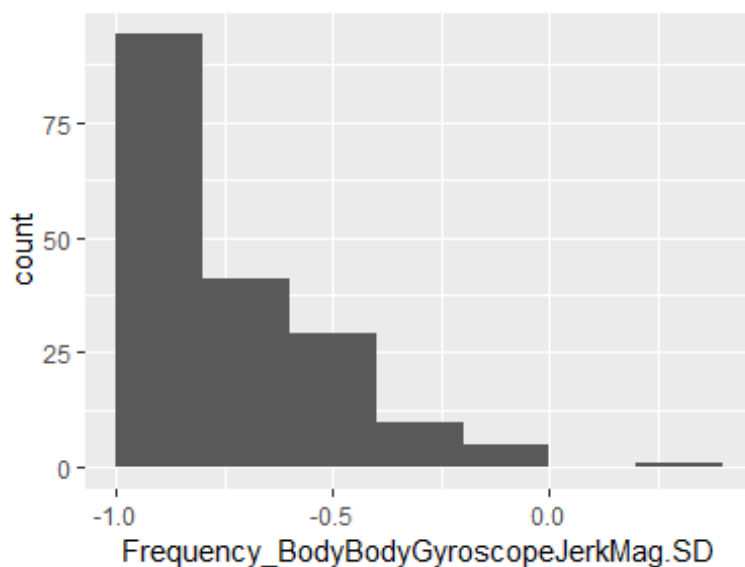
Report generation information:

- Created by Denis Alves dos Santos Rothier Duarte (username: `czt1`).

- Report creation time: qua mai 22 2019 10:39:19

- Report was run from directory: `C:/Users/czt1/Desktop/R/project`

- dataMaid v1.2.0 [Pkg: 2018-10-03 from CRAN (R 3.5.3)]

- R version 3.5.0 (2018-04-23).

- Platform: x86_64-w64-mingw32/x64 (64-bit)(Windows 7 x64 (build 7601) Service Pack 1).

- Function call: `makeDataReport(data = tidyDataset, mode = c("summarize", "visualize", "check"), smartNum = FALSE, file = "Codebook", replace = TRUE, checks = list(character = "showAllFactorLevels", factor = "showAllFactorLevels", labelled = "showAllFactorLevels",`

```
haven_labelled = "showAllFactorLevels",        numeric = NULL, integer
= NULL, logical = NULL, Date = NULL),  listChecks = FALSE,
maxProbVals = Inf, codebook = TRUE, reportTitle = "Codebook for the
dataset generated for the Getting and Cleaning Data Course Project")
```