Codebook for tidy_data

Autogenerated data summary from dataMaid

2020-12-05 18:14:47

Data report overview

The dataset examined has the following dimensions:

Feature	Result
Number of observations	180
Number of variables	88

Codebook summary table

Label	Variable	Class	# unique values	Missing	Description
	id	integer	30	0.00 %	
	ActivityDescription	character	6	0.00 %	
	TimeBodyAccelerometer.Mean.X	numeric	180	0.00 %	
	TimeBodyAccelerometer.Mean.Y	numeric	180	0.00 %	
	TimeBodyAccelerometer.Mean.Z	numeric	180	0.00 %	
	TimeGravityAccelerometer.Mean.X	numeric	180	0.00 %	
	TimeGravityAccelerometer.Mean.Y	numeric	180	0.00 %	
	TimeGravityAccelerometer.Mean.Z	numeric	180	0.00 %	
	TimeBodyAccelerometerJerk.Mean.X	numeric	180	0.00 %	
	TimeBodyAccelerometerJerk.Mean.Y	numeric	180	0.00 %	
	TimeBodyAccelerometerJerk.Mean.Z	numeric	180	0.00 %	
	TimeBodyGyroscope.Mean.X	numeric	180	0.00 %	
	TimeBodyGyroscope.Mean.Y	numeric	180	0.00 %	
	TimeBodyGyroscope.Mean.Z	numeric	180	0.00 %	
	TimeBodyGyroscopeJerk.Mean.X	numeric	180	0.00 %	
	TimeBodyGyroscopeJerk.Mean.Y	numeric	180	0.00 %	
	TimeBodyGyroscopeJerk.Mean.Z	numeric	180	0.00 %	
	TimeBodyAccelerometerMagnitude.Mean	numeric	180	0.00 %	
	TimeGravityAccelerometerMagnitude.Mean	numeric	180	0.00 %	
	TimeBodyAccelerometerJerkMagnitude.Mean	numeric	180	0.00 %	
	TimeBodyGyroscopeMagnitude.Mean	numeric	180	0.00 %	
	TimeBodyGyroscopeJerkMagnitude.Mean	numeric	180	0.00 %	
	FrequencyuencyBodyAccelerometer.Mean.X	numeric	180	0.00 %	
	FrequencyuencyBodyAccelerometer.Mean.Y	numeric	180	0.00 %	
	FrequencyuencyBodyAccelerometer.Mean.Z	numeric	180	0.00 %	
	FrequencyuencyBodyAccelerometer.MeanFrequency.X	numeric	180	0.00 %	
	FrequencyuencyBodyAccelerometer.MeanFrequency.Y	numeric	180	0.00 %	
	FrequencyuencyBodyAccelerometer.MeanFrequency.Z	numeric	180	0.00 %	
	FrequencyuencyBodyAccelerometerJerk.Mean.X	numeric	180	0.00 %	

Label	Variable	Class	# unique values	Missing	Description
	FrequencyuencyBodyAccelerometerJerk.Mean.Y	numeric	180	0.00 %	
	FrequencyuencyBodyAccelerometerJerk.Mean.Z	numeric	180	0.00 %	
	FrequencyuencyBodyAccelerometerJerk.MeanFrequency.X	numeric	180	0.00 %	
	FrequencyuencyBodyAccelerometerJerk.MeanFrequency.Y	numeric	180	0.00 %	
	FrequencyuencyBodyAccelerometerJerk.MeanFrequency.Z	numeric	180	0.00 %	
	FrequencyuencyBodyGyroscope.Mean.X	numeric	180	0.00 %	
	FrequencyuencyBodyGyroscope.Mean.Y	numeric	180	0.00 %	
	FrequencyuencyBodyGyroscope.Mean.Z	numeric	180	0.00 %	
	FrequencyuencyBodyGyroscope.MeanFrequency.X	numeric	180	0.00 %	
	FrequencyuencyBodyGyroscope.MeanFrequency.Y	numeric	180	0.00 %	
	FrequencyuencyBodyGyroscope.MeanFrequency.Z	numeric	180	0.00 %	
	FrequencyuencyBodyAccelerometerMagnitude.Mean	numeric	180	0.00 %	
	FrequencyuencyBodyAccelerometerMagnitude.MeanFrequency	numeric	180	0.00 %	
	FrequencyuencyBodyAccelerometerJerkMagnitude.Mean	numeric	180	0.00 %	
	FrequencyuencyBodyAccelerometerJerkMagnitude.MeanFrequency	numeric	180	0.00 %	
	FrequencyuencyBodyGyroscopeMagnitude.Mean	numeric	180	0.00 %	
	FrequencyuencyBodyGyroscopeMagnitude.MeanFrequency	numeric	180	0.00 %	
	FrequencyuencyBodyGyroscopeJerkMagnitude.Mean	numeric	180	0.00 %	
	FrequencyuencyBodyGyroscopeJerkMagnitude.MeanFrequency	numeric	180	0.00 %	
	Angle.TimeBodyAccelerometerMean.Gravity.	numeric	180	0.00 %	
	Angle.TimeBodyAccelerometerJerkMean..GravityMean.	numeric	180	0.00 %	
	Angle.TimeBodyGyroscopeMean.GravityMean.	numeric	180	0.00 %	
	Angle.TimeBodyGyroscopeJerkMean.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 %	
	TimeBodyAccelerometer.STD.X	numeric	180	0.00 %	
	TimeBodyAccelerometer.STD.Y	numeric	180	0.00 %	
	TimeBodyAccelerometer.STD.Z	numeric	180	0.00 %	
	TimeGravityAccelerometer.STD.X	numeric	180	0.00 %	
	TimeGravityAccelerometer.STD.Y	numeric	180	0.00 %	
	TimeGravityAccelerometer.STD.Z	numeric	180	0.00 %	
	TimeBodyAccelerometerJerk.STD.X	numeric	180	0.00 %	
	TimeBodyAccelerometerJerk.STD.Y	numeric	180	0.00 %	
	TimeBodyAccelerometerJerk.STD.Z	numeric	180	0.00 %	
	TimeBodyGyroscope.STD.X	numeric	180	0.00 %	
	TimeBodyGyroscope.STD.Y	numeric	180	0.00 %	
	TimeBodyGyroscope.STD.Z	numeric	180	0.00 %	
	TimeBodyGyroscopeJerk.STD.X	numeric	180	0.00 %	
	TimeBodyGyroscopeJerk.STD.Y	numeric	180	0.00 %	
	TimeBodyGyroscopeJerk.STD.Z	numeric	180	0.00 %	
	TimeBodyAccelerometerMagnitude.STD	numeric	180	0.00 %	
	TimeGravityAccelerometerMagnitude.STD	numeric	180	0.00 %	
	TimeBodyAccelerometerJerkMagnitude.STD	numeric	180	0.00 %	
	TimeBodyGyroscopeMagnitude.STD	numeric	180	0.00 %	
	TimeBodyGyroscopeJerkMagnitude.STD	numeric	180	0.00 %	
	FrequencyuencyBodyAccelerometer.STD.X	numeric	180	0.00 %	
	FrequencyuencyBodyAccelerometer.STD.Y	numeric	180	0.00 %	
	FrequencyuencyBodyAccelerometer.STD.Z	numeric	180	0.00 %	
	FrequencyuencyBodyAccelerometerJerk.STD.X	numeric	180	0.00 %	
	FrequencyuencyBodyAccelerometerJerk.STD.Y	numeric	180	0.00 %	
	FrequencyuencyBodyAccelerometerJerk.STD.Z	numeric	180	0.00 %	
	FrequencyuencyBodyGyroscope.STD.X	numeric	180	0.00 %	
	FrequencyuencyBodyGyroscope.STD.Y	numeric	180	0.00 %	

Label	Variable	Class	# unique values	Missing	Description
	FrequencyuencyBodyGyroscope.STD.Z	numeric	180	0.00 %	
	FrequencyuencyBodyAccelerometerMagnitude.STD	numeric	180	0.00 %	
	FrequencyuencyBodyAccelerometerJerkMagnitude.STD	numeric	180	0.00 %	
	FrequencyuencyBodyGyroscopeMagnitude.STD	numeric	180	0.00 %	
	FrequencyuencyBodyGyroscopeJerkMagnitude.STD	numeric	180	0.00 %	

Variable list

id

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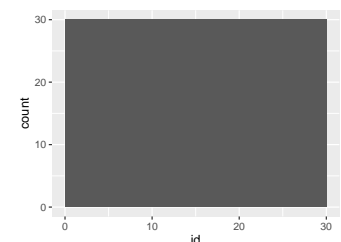
ActivityDescription

Feature	Result
Variable type	character
Number of missing obs.	0 (0 %)
Number of unique values	6
Mode	"LAYING"

- Observed factor levels: "LAYING", "SITTING", "STANDING", "WALKING", "WALKING_DOWNSTAIRS", "WALKING_UPSTAIRS".

TimeBodyAccelerometer.Mean.X

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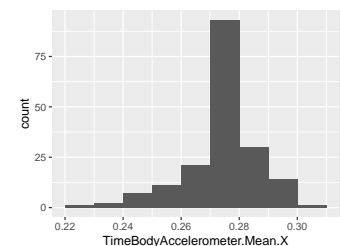
TimeBodyAccelerometer.Mean.Y

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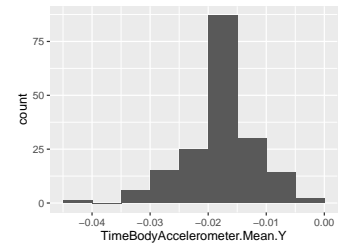
TimeBodyAccelerometer.Mean.Z

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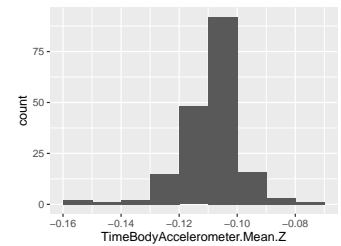
TimeGravityAccelerometer.Mean.X

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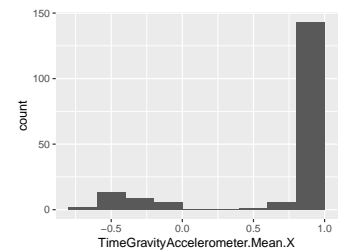
TimeGravityAccelerometer.Mean.Y

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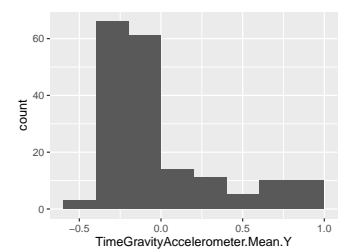
TimeGravityAccelerometer.Mean.Z

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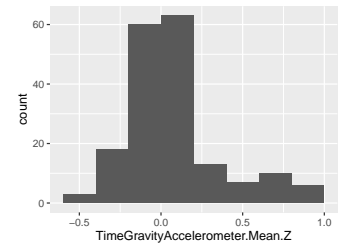
TimeBodyAccelerometerJerk.Mean.X

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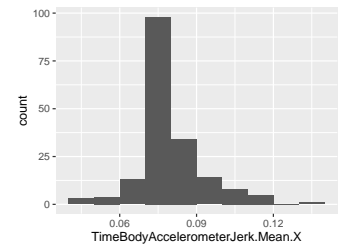
TimeBodyAccelerometerJerk.Mean.Y

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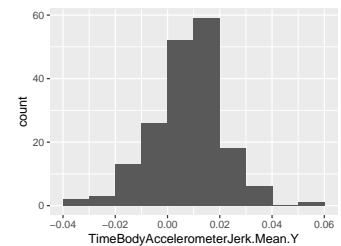
TimeBodyAccelerometerJerk.Mean.Z

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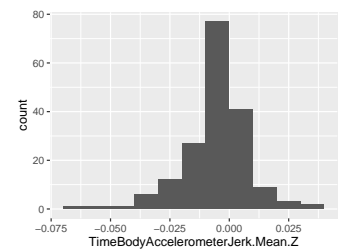
TimeBodyGyroscope.Mean.X

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

TimeBodyGyroscope.Mean.Y

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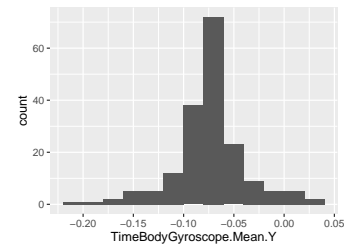
TimeBodyGyroscope.Mean.Z

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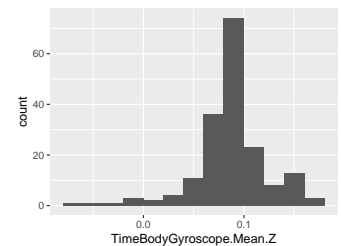
TimeBodyGyroscopeJerk.Mean.X

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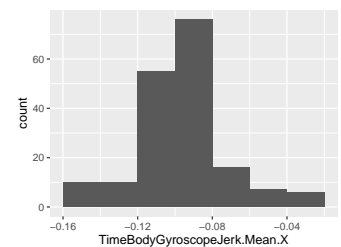
TimeBodyGyroscopeJerk.Mean.Y

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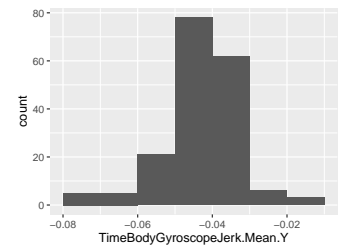
TimeBodyGyroscopeJerk.Mean.Z

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

TimeBodyAccelerometerMagnitude.Mean

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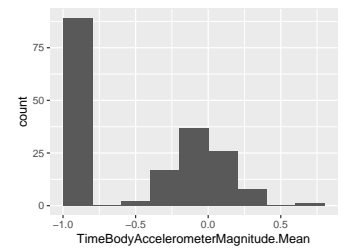
TimeGravityAccelerometerMagnitude.Mean

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

TimeBodyAccelerometerJerkMagnitude.Mean

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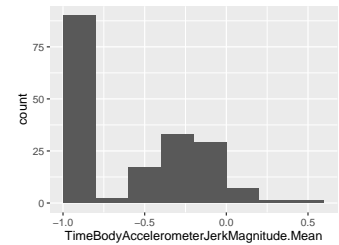
TimeBodyGyroscopeMagnitude.Mean

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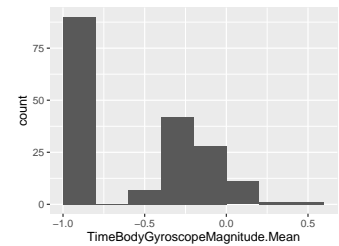
TimeBodyGyroscopeJerkMagnitude.Mean

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.86
1st and 3rd quartiles	-0.99; -0.51
Min. and max.	-1; 0.09
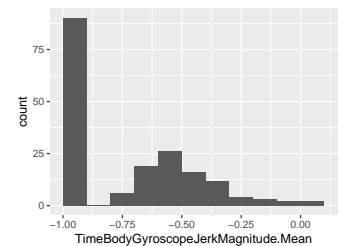
FrequencyuencyBodyAccelerometer.Mean.X

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
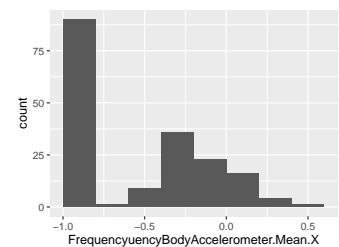
FrequencyuencyBodyAccelerometer.Mean.Y

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
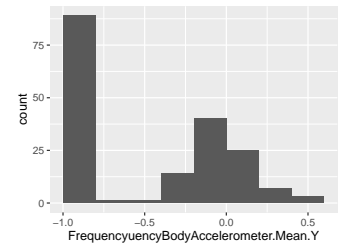
FrequencyuencyBodyAccelerometer.Mean.Z

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
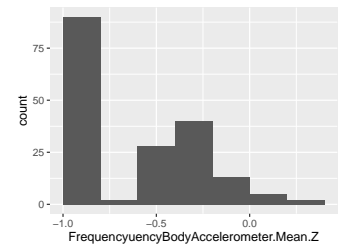
FrequencyuencyBodyAccelerometer.MeanFrequency.X

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
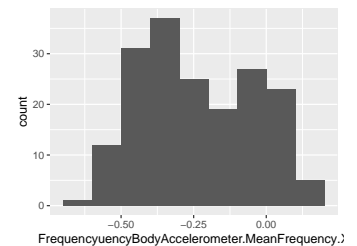
FrequencyuencyBodyAccelerometer.MeanFrequency.Y

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
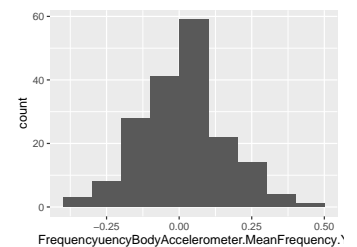
FrequencyuencyBodyAccelerometer.MeanFrequency.Z

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

FrequencyuencyBodyAccelerometerJerk.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

FrequencyuencyBodyAccelerometerJerk.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
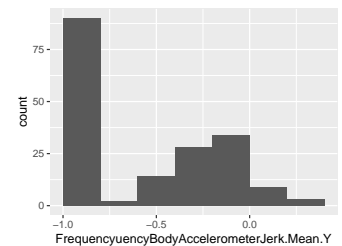
FrequencyuencyBodyAccelerometerJerk.Mean.Z

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
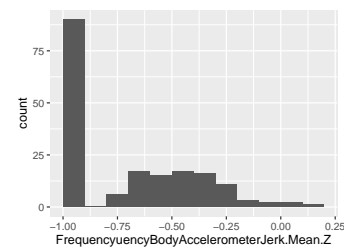
FrequencyuencyBodyAccelerometerJerk.MeanFrequency.X

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
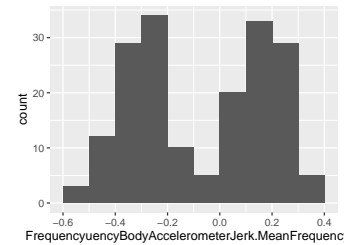
FrequencyuencyBodyAccelerometerJerk.MeanFrequency.Y

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
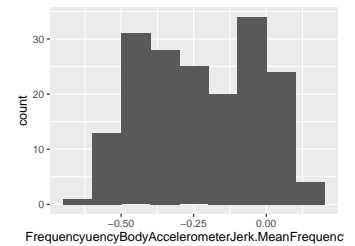
FrequencyuencyBodyAccelerometerJerk.MeanFrequency.Z

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
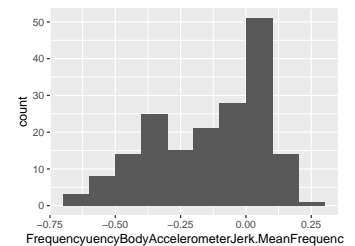
FrequencyuencyBodyGyroscope.Mean.X

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
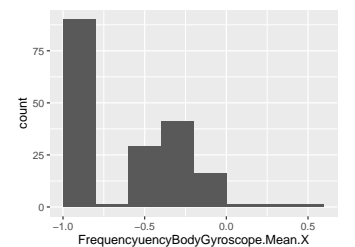
FrequencyuencyBodyGyroscope.Mean.Y

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
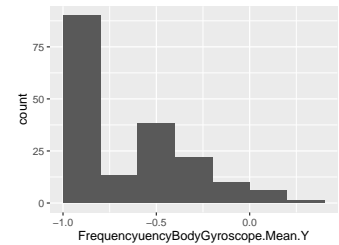
FrequencyuencyBodyGyroscope.Mean.Z

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
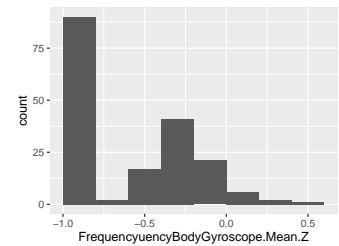
FrequencyuencyBodyGyroscope.MeanFrequency.X

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
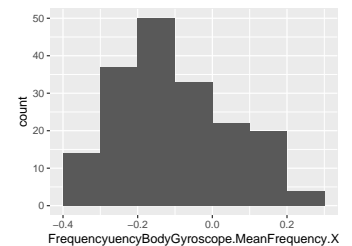
FrequencyuencyBodyGyroscope.MeanFrequency.Y

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

FrequencyuencyBodyGyroscope.MeanFrequency.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
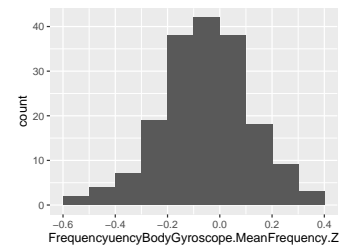
FrequencyuencyBodyAccelerometerMagnitude.Mean

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
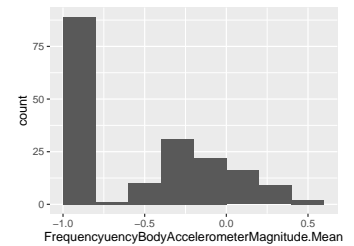
FrequencyuencyBodyAccelerometerMagnitude.MeanFrequency

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
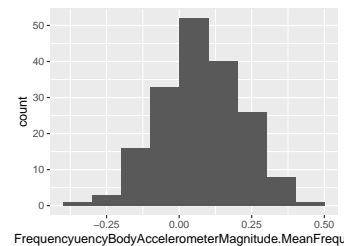
FrequencyuencyBodyAccelerometerJerkMagnitude.Mean

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
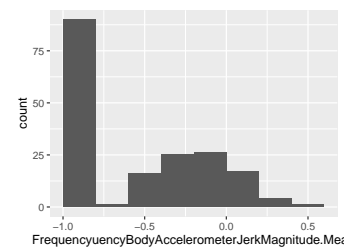
FrequencyuencyBodyAccelerometerJerkMagnitude.MeanFrequency

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

FrequencyuencyBodyGyroscopeMagnitude.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
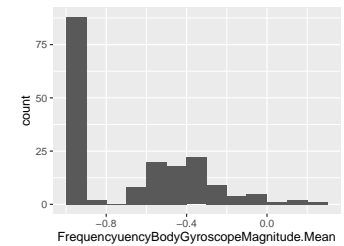
FrequencyuencyBodyGyroscopeMagnitude.MeanFrequency

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
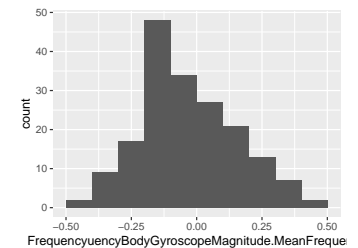
FrequencyuencyBodyGyroscopeJerkMagnitude.Mean

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
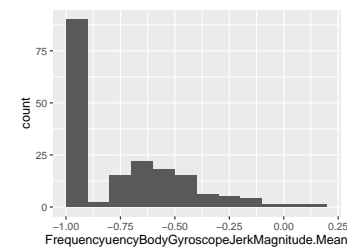
FrequencyuencyBodyGyroscopeJerkMagnitude.MeanFrequency

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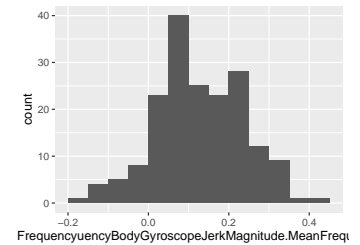
Angle.TimeBodyAccelerometerMean.Gravity.

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

Angle.TimeBodyAccelerometerJerkMean..GravityMean.

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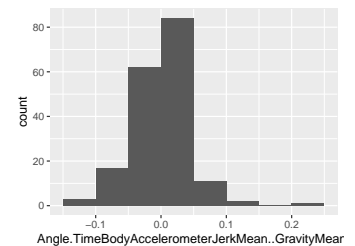
Angle.TimeBodyGyroscopeMean.GravityMean.

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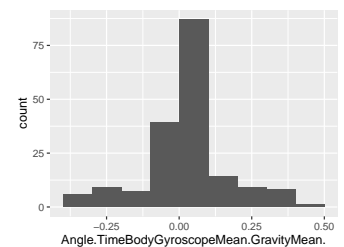
Angle.TimeBodyGyroscopeJerkMean.GravityMean.

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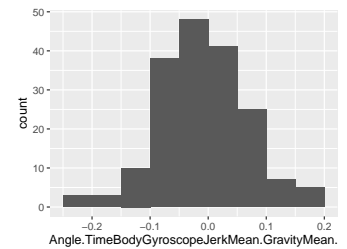
Angle.X.GravityMean.

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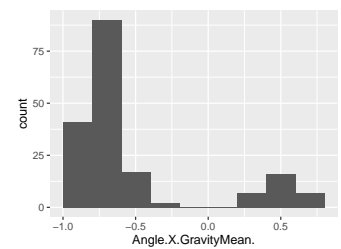
Angle.Y.GravityMean.

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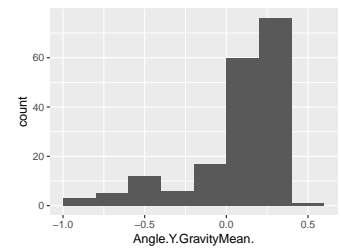
Angle.Z.GravityMean.

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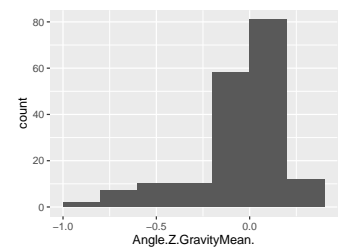
TimeBodyAccelerometer.STD.X

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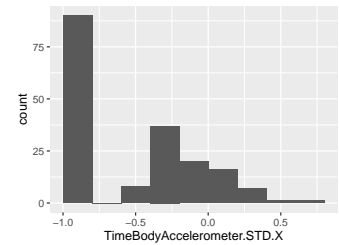
TimeBodyAccelerometer.STD.Y

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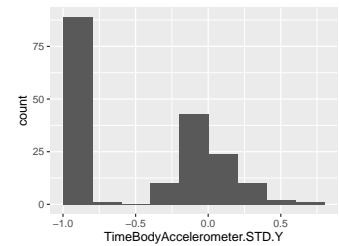
TimeBodyAccelerometer.STD.Z

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

TimeGravityAccelerometer.STD.X

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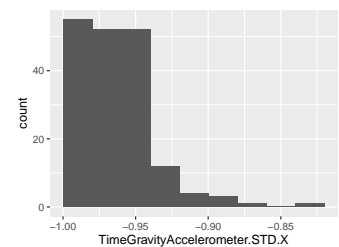
TimeGravityAccelerometer.STD.Y

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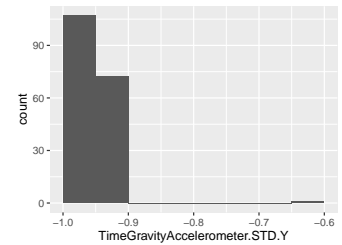
TimeGravityAccelerometer.STD.Z

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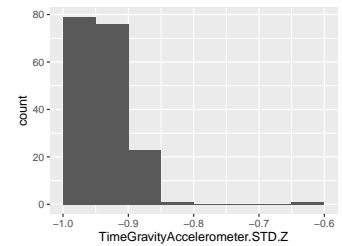
TimeBodyAccelerometerJerk.STD.X

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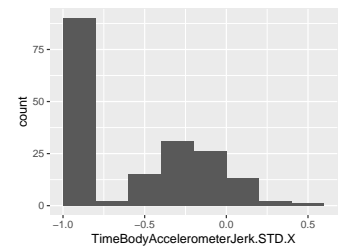
TimeBodyAccelerometerJerk.STD.Y

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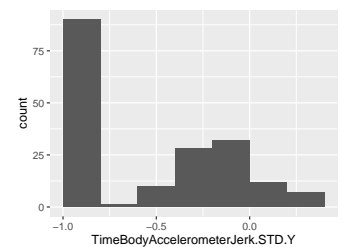
TimeBodyAccelerometerJerk.STD.Z

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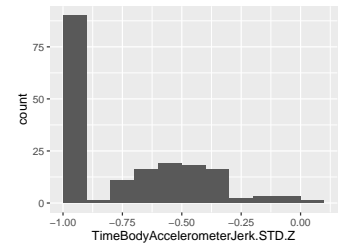
TimeBodyGyroscope.STD.X

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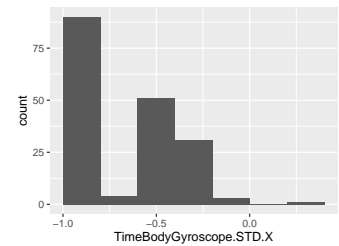
TimeBodyGyroscope.STD.Y

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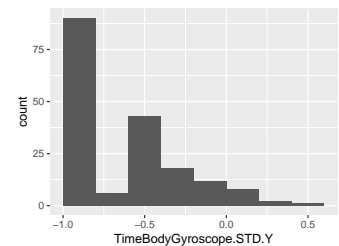
TimeBodyGyroscope.STD.Z

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

TimeBodyGyroscopeJerk.STD.X

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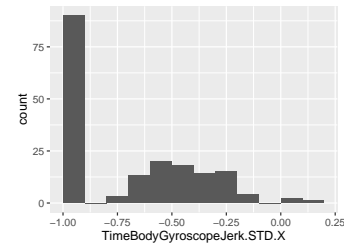
TimeBodyGyroscopeJerk.STD.Y

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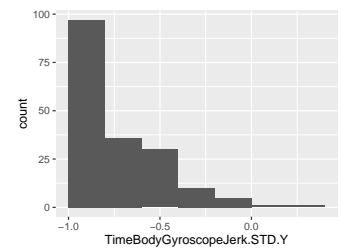
TimeBodyGyroscopeJerk.STD.Z

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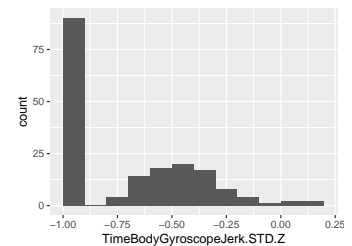
TimeBodyAccelerometerMagnitude.STD

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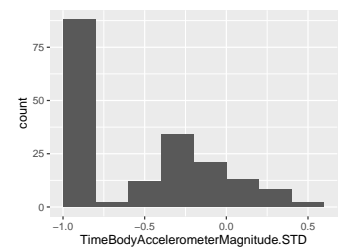
TimeGravityAccelerometerMagnitude.STD

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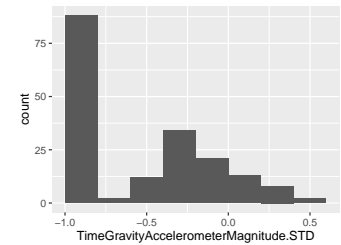
TimeBodyAccelerometerJerkMagnitude.STD

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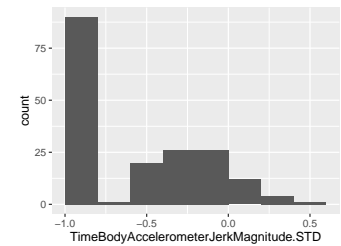
TimeBodyGyroscopeMagnitude.STD

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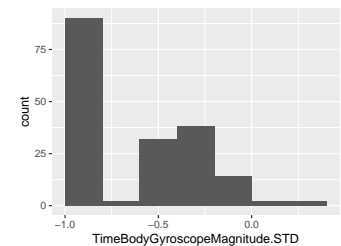
TimeBodyGyroscopeJerkMagnitude.STD

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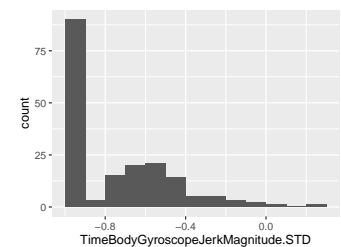
FrequencyuencyBodyAccelerometer.STD.X

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

FrequencyuencyBodyAccelerometer.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
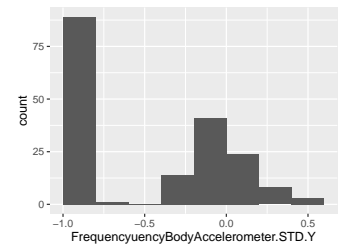
FrequencyuencyBodyAccelerometer.STD.Z

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
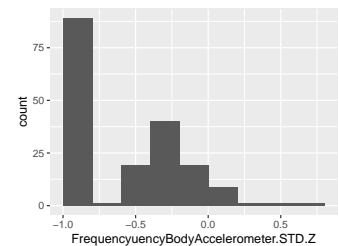
FrequencyuencyBodyAccelerometerJerk.STD.X

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
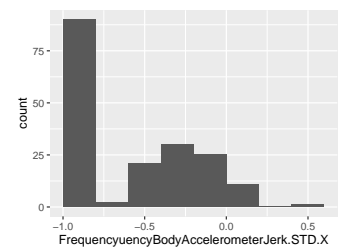
FrequencyuencyBodyAccelerometerJerk.STD.Y

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
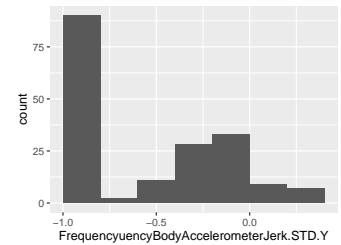
FrequencyuencyBodyAccelerometerJerk.STD.Z

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
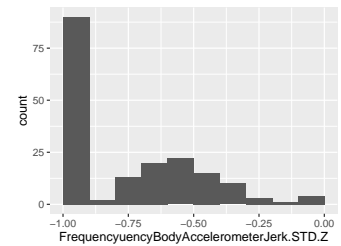
FrequencyuencyBodyGyroscope.STD.X

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
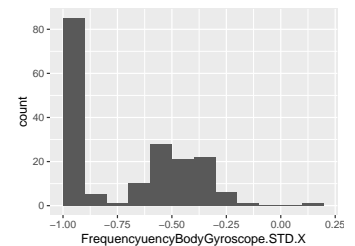
FrequencyuencyBodyGyroscope.STD.Y

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
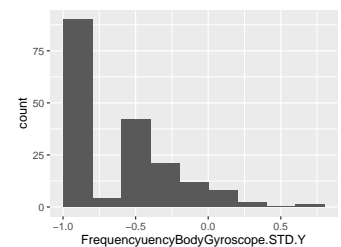
FrequencyuencyBodyGyroscope.STD.Z

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
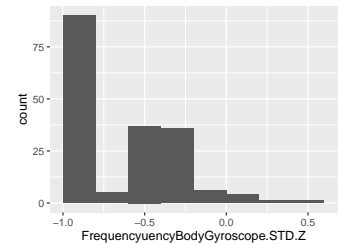
FrequencyuencyBodyAccelerometerMagnitude.STD

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
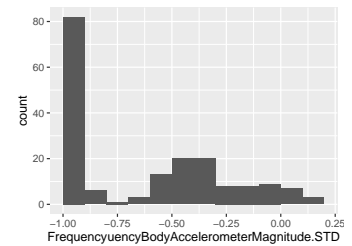
FrequencyuencyBodyAccelerometerJerkMagnitude.STD

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
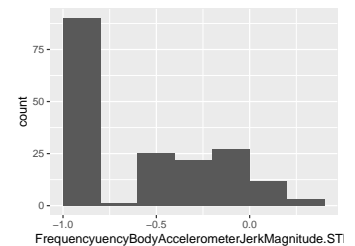
FrequencyuencyBodyGyroscopeMagnitude.STD

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
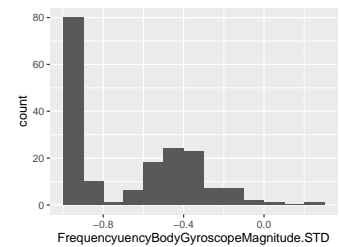
FrequencyuencyBodyGyroscopeJerkMagnitude.STD

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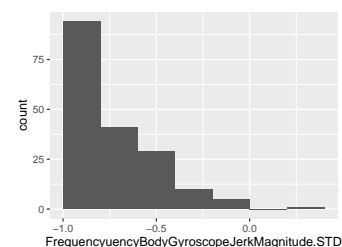
Report generation information:

- Created by: migbokwe (username: ChristinePC).

- Report creation time: Sat Dec 05 2020 18:14:49

- Report was run from directory: `C:/Users/ChristinePC/OneDrive - University of Calgary/UofC/All R/datasciencecoursera`

- dataMaid v1.4.0 [Pkg: 2019-12-10 from CRAN (R 4.0.3)]

- R version 4.0.2 (2020-06-22).

- Platform: x86_64-w64-mingw32/x64 (64-bit)(Windows 10 x64 (build 19041)).

- Function call: `dataMaid::makeDataReport(data = tidy_data, mode = c("summarize", "visualize", "check"), smartNum = FALSE, file = "codebook_tidy_data.Rmd", checks = list(character = "showAllFactorLevels", factor = "showAllFactorLevels", labelled = "showAllFactorLevels", haven_labelled = "showAllFactorLevels", numeric = NULL, integer = NULL, logical = NULL, Date = NULL), listChecks = FALSE, maxProbVals = Inf, codebook = TRUE, reportTitle = "Codebook for tidy_data")`