Codebook for Data

Autogenerated data summary from dataMaid

2020-07-17 19:14:23

Data report overview

The dataset examined has the following dimensions:

Feature	Result
Number of observations	10299
Number of variables	69

Codebook summary table

Label	Variable	Class	# unique values	Missing	Description
	timeBodyAccelerometer-mean()-X	numeric	10292	0.00 %	
	timeBodyAccelerometer-mean()-Y	numeric	10299	0.00 %	
	timeBodyAccelerometer-mean()-Z	numeric	10293	0.00 %	
	timeBodyAccelerometer-std()-X	numeric	10295	0.00 %	
	timeBodyAccelerometer-std()-Y	numeric	10297	0.00 %	
	timeBodyAccelerometer-std()-Z	numeric	10297	0.00 %	
	timeGravityAccelerometer-mean()-X	numeric	10296	0.00 %	
	timeGravityAccelerometer-mean()-Y	numeric	10298	0.00 %	
	timeGravityAccelerometer-mean()-Z	numeric	10299	0.00 %	
	timeGravityAccelerometer-std()-X	numeric	10288	0.00 %	
	timeGravityAccelerometer-std()-Y	numeric	10293	0.00 %	
	timeGravityAccelerometer-std()-Z	numeric	10296	0.00 %	
	timeBodyAccelerometerJerk-mean()-X	numeric	10299	0.00 %	
	timeBodyAccelerometerJerk-mean()-Y	numeric	10299	0.00 %	
	timeBodyAccelerometerJerk-mean()-Z	numeric	10299	0.00 %	
	timeBodyAccelerometerJerk-std()-X	numeric	10290	0.00 %	
	timeBodyAccelerometerJerk-std()-Y	numeric	10296	0.00 %	
	timeBodyAccelerometerJerk-std()-Z	numeric	10293	0.00 %	
	timeBodyGyroscope-mean()-X	numeric	10298	0.00 %	
	timeBodyGyroscope-mean()-Y	numeric	10299	0.00 %	
	timeBodyGyroscope-mean()-Z	numeric	10297	0.00 %	
	timeBodyGyroscope-std()-X	numeric	10292	0.00 %	
	timeBodyGyroscope-std()-Y	numeric	10296	0.00 %	
	timeBodyGyroscope-std()-Z	numeric	10296	0.00 %	
	timeBodyGyroscopeJerk-mean()-X	numeric	10295	0.00 %	
	timeBodyGyroscopeJerk-mean()-Y	numeric	10299	0.00 %	
	timeBodyGyroscopeJerk-mean()-Z	numeric	10298	0.00 %	
	timeBodyGyroscopeJerk-std()-X	numeric	10292	0.00 %	
	timeBodyGyroscopeJerk-std()-Y	numeric	10295	0.00 %	

Label	Variable	Class	# unique values	Missing	Description
	timeBodyGyroscopeJerk-std()-Z	numeric	10291	0.00 %	
	timeBodyAccelerometerMagnitude-mean()	numeric	10296	0.00 %	
	timeBodyAccelerometerMagnitude-std()	numeric	10294	0.00 %	
	timeGravityAccelerometerMagnitude-mean()	numeric	10296	0.00 %	
	timeGravityAccelerometerMagnitude-std()	numeric	10294	0.00 %	
	timeBodyAccelerometerJerkMagnitude-mean()	numeric	10292	0.00 %	
	timeBodyAccelerometerJerkMagnitude-std()	numeric	10294	0.00 %	
	timeBodyGyroscopeMagnitude-mean()	numeric	10298	0.00 %	
	timeBodyGyroscopeMagnitude-std()	numeric	10298	0.00 %	
	timeBodyGyroscopeJerkMagnitude-mean()	numeric	10293	0.00 %	
	timeBodyGyroscopeJerkMagnitude-std()	numeric	10297	0.00 %	
	frequencyBodyAccelerometer-mean()-X	numeric	10295	0.00 %	
	frequencyBodyAccelerometer-mean()-Y	numeric	10292	0.00 %	
	frequencyBodyAccelerometer-mean()-Z	numeric	10295	0.00 %	
	frequencyBodyAccelerometer-std()-X	numeric	10294	0.00 %	
	frequencyBodyAccelerometer-std()-Y	numeric	10297	0.00 %	
	frequencyBodyAccelerometer-std()-Z	numeric	10296	0.00 %	
	frequencyBodyAccelerometerJerk-mean()-X	numeric	10293	0.00 %	
	frequencyBodyAccelerometerJerk-mean()-Y	numeric	10296	0.00 %	
	frequencyBodyAccelerometerJerk-mean()-Z	numeric	10294	0.00 %	
	frequencyBodyAccelerometerJerk-std()-X	numeric	10291	0.00 %	
	frequencyBodyAccelerometerJerk-std()-Y	numeric	10294	0.00 %	
	frequencyBodyAccelerometerJerk-std()-Z	numeric	10290	0.00 %	
	frequencyBodyGyroscope-mean()-X	numeric	10297	0.00 %	
	frequencyBodyGyroscope-mean()-Y	numeric	10296	0.00 %	
	frequencyBodyGyroscope-mean()-Z	numeric	10297	0.00 %	
	frequencyBodyGyroscope-std()-X	numeric	10297	0.00 %	
	frequencyBodyGyroscope-std()-Y	numeric	10293	0.00 %	
	frequencyBodyGyroscope-std()-Z	numeric	10295	0.00 %	
	frequencyBodyAccelerometerMagnitude-mean()	numeric	10296	0.00 %	
	frequencyBodyAccelerometerMagnitude-std()	numeric	10298	0.00 %	
	frequencyBodyAccelerometerJerkMagnitude-mean()	numeric	10290	0.00 %	
	frequencyBodyAccelerometerJerkMagnitude-std()	numeric	10296	0.00 %	
	frequencyBodyGyroscopeMagnitude-mean()	numeric	10297	0.00 %	
	frequencyBodyGyroscopeMagnitude-std()	numeric	10296	0.00 %	
	frequencyBodyGyroscopeJerkMagnitude-mean()	numeric	10293	0.00 %	
	frequencyBodyGyroscopeJerkMagnitude-std()	numeric	10292	0.00 %	
	subject	integer	30	0.00 %	
	activitycode	integer	6	0.00 %	
	activity	factor	6	0.00 %	

Variable list

timeBodyAccelerometer-mean()-X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10292
Median	0.28
1st and 3rd quartiles	0.26; 0.29
Min. and max.	-1; 1
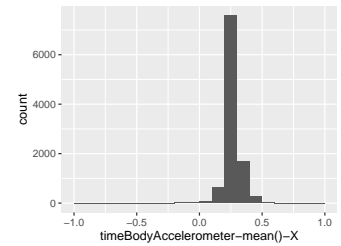
timeBodyAccelerometer-mean()-Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10299
Median	-0.02
1st and 3rd quartiles	-0.02; -0.01
Min. and max.	-1; 1
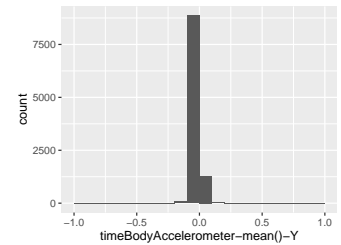
timeBodyAccelerometer-mean()-Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10293
Median	-0.11
1st and 3rd quartiles	-0.12; -0.1
Min. and max.	-1; 1
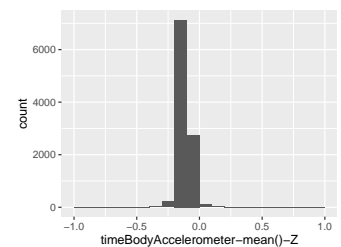
timeBodyAccelerometer-std()-X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10295
Median	-0.94
1st and 3rd quartiles	-0.99; -0.25
Min. and max.	-1; 1
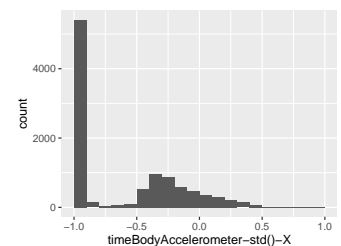
timeBodyAccelerometer-std()-Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10297
Median	-0.84
1st and 3rd quartiles	-0.98; -0.06
Min. and max.	-1; 1
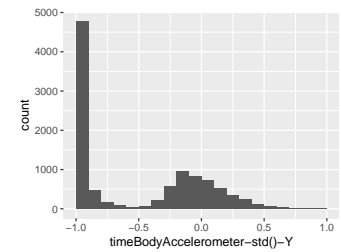
timeBodyAccelerometer-std()-Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10297
Median	-0.85
1st and 3rd quartiles	-0.98; -0.28
Min. and max.	-1; 1
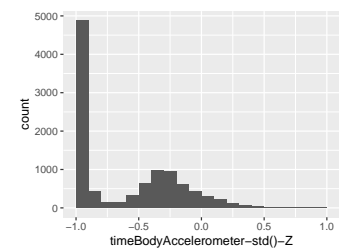
timeGravityAccelerometer-mean()-X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10296
Median	0.92
1st and 3rd quartiles	0.81; 0.95
Min. and max.	-1; 1
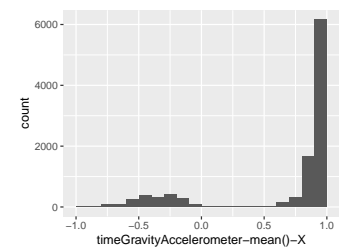
timeGravityAccelerometer-mean()-Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10298
Median	-0.14
1st and 3rd quartiles	-0.24; 0.12
Min. and max.	-1; 1
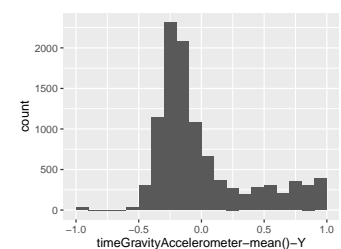
timeGravityAccelerometer-mean()-Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10299
Median	0.04
1st and 3rd quartiles	-0.12; 0.22
Min. and max.	-1; 1
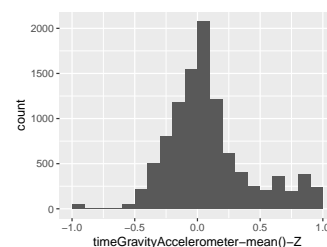
timeGravityAccelerometer-std()-X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10288
Median	-0.98
1st and 3rd quartiles	-0.99; -0.96
Min. and max.	-1; 1
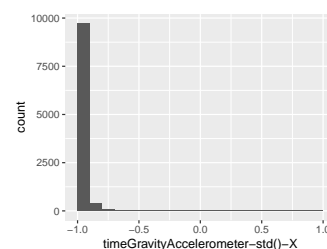
timeGravityAccelerometer-std()-Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10293
Median	-0.98
1st and 3rd quartiles	-0.99; -0.95
Min. and max.	-1; 1
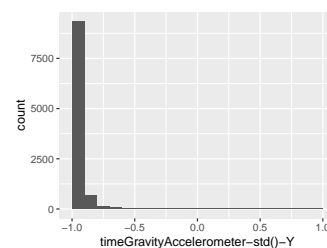
timeGravityAccelerometer-std()-Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10296
Median	-0.97
1st and 3rd quartiles	-0.99; -0.93
Min. and max.	-1; 1
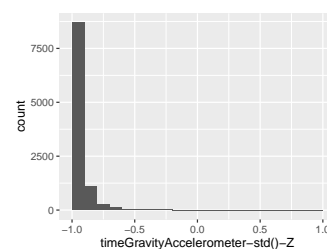
timeBodyAccelerometerJerk-mean()-X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10299
Median	0.08
1st and 3rd quartiles	0.06; 0.09
Min. and max.	-1; 1
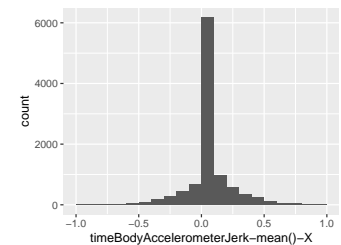
timeBodyAccelerometerJerk-mean()-Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10299
Median	0.01
1st and 3rd quartiles	-0.02; 0.03
Min. and max.	-1; 1
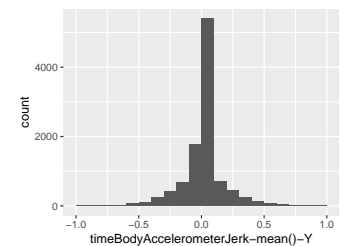
timeBodyAccelerometerJerk-mean()-Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10299
Median	0
1st and 3rd quartiles	-0.03; 0.02
Min. and max.	-1; 1
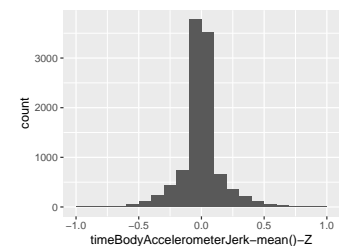
timeBodyAccelerometerJerk-std()-X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10290
Median	-0.95
1st and 3rd quartiles	-0.99; -0.29
Min. and max.	-1; 1
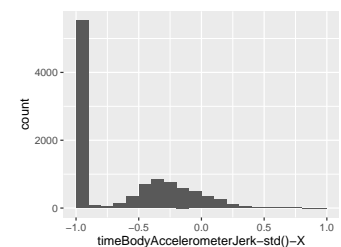
timeBodyAccelerometerJerk-std()-Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10296
Median	-0.93
1st and 3rd quartiles	-0.99; -0.22
Min. and max.	-1; 1
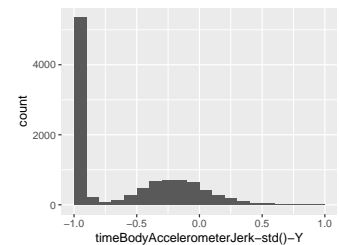
timeBodyAccelerometerJerk-std()-Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10293
Median	-0.95
1st and 3rd quartiles	-0.99; -0.55
Min. and max.	-1; 1
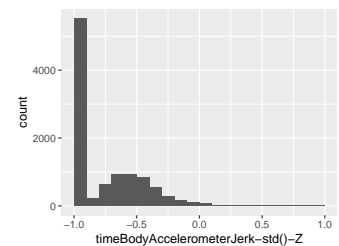
timeBodyGyroscope-mean()-X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10298
Median	-0.03
1st and 3rd quartiles	-0.05; -0.01
Min. and max.	-1; 1
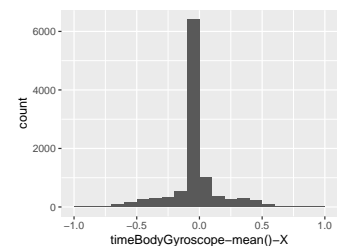
timeBodyGyroscope-mean()-Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10299
Median	-0.07
1st and 3rd quartiles	-0.1; -0.05
Min. and max.	-1; 1
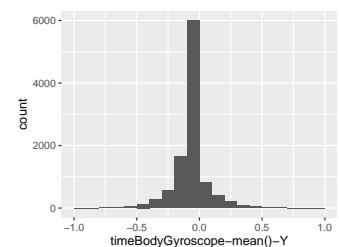
timeBodyGyroscope-mean()-Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10297
Median	0.09
1st and 3rd quartiles	0.06; 0.11
Min. and max.	-1; 1
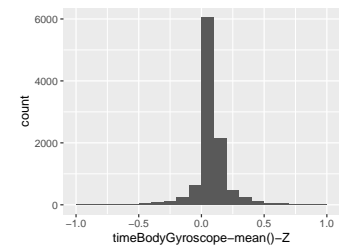
timeBodyGyroscope-std()-X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10292
Median	-0.9
1st and 3rd quartiles	-0.99; -0.48
Min. and max.	-1; 1
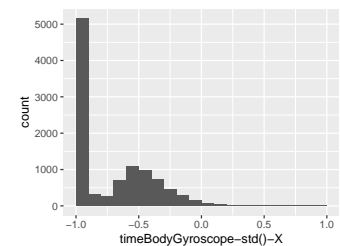
timeBodyGyroscope-std()-Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10296
Median	-0.91
1st and 3rd quartiles	-0.98; -0.45
Min. and max.	-1; 1
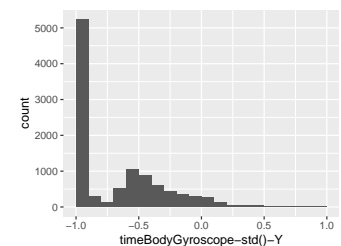
timeBodyGyroscope-std()-Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10296
Median	-0.88
1st and 3rd quartiles	-0.99; -0.34
Min. and max.	-1; 1
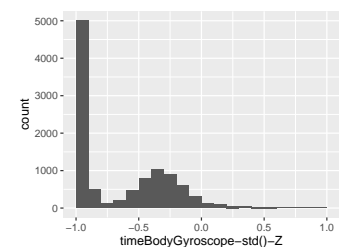
timeBodyGyroscopeJerk-mean()-X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10295
Median	-0.1
1st and 3rd quartiles	-0.12; -0.08
Min. and max.	-1; 1
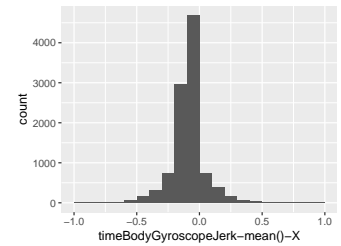
timeBodyGyroscopeJerk-mean()-Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10299
Median	-0.04
1st and 3rd quartiles	-0.06; -0.03
Min. and max.	-1; 1
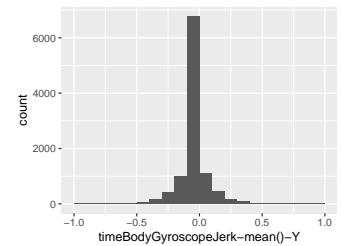
timeBodyGyroscopeJerk-mean()-Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10298
Median	-0.05
1st and 3rd quartiles	-0.08; -0.03
Min. and max.	-1; 1
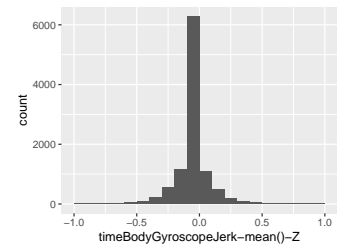
timeBodyGyroscopeJerk-std()-X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10292
Median	-0.93
1st and 3rd quartiles	-0.99; -0.49
Min. and max.	-1; 1

timeBodyGyroscopeJerk-std()-Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10295
Median	-0.95
1st and 3rd quartiles	-0.99; -0.63
Min. and max.	-1; 1
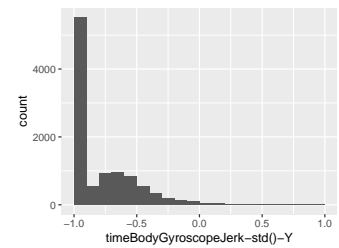
timeBodyGyroscopeJerk-std()-Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10291
Median	-0.95
1st and 3rd quartiles	-0.99; -0.51
Min. and max.	-1; 1

timeBodyAccelerometerMagnitude-mean()

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10296
Median	-0.87
1st and 3rd quartiles	-0.98; -0.12
Min. and max.	-1; 1

timeBodyAccelerometerMagnitude-std()

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10294
Median	-0.84
1st and 3rd quartiles	-0.98; -0.24
Min. and max.	-1; 1

timeGravityAccelerometerMagnitude-mean()

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10296
Median	-0.87
1st and 3rd quartiles	-0.98; -0.12
Min. and max.	-1; 1

timeGravityAccelerometerMagnitude-std()

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10294
Median	-0.84
1st and 3rd quartiles	-0.98; -0.24
Min. and max.	-1; 1

timeBodyAccelerometerJerkMagnitude-mean()

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10292
Median	-0.95
1st and 3rd quartiles	-0.99; -0.3
Min. and max.	-1; 1
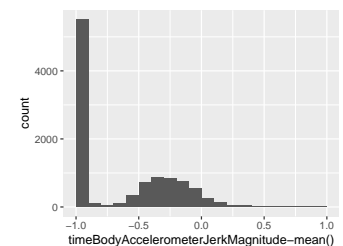
timeBodyAccelerometerJerkMagnitude-std()

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10294
Median	-0.93
1st and 3rd quartiles	-0.99; -0.27
Min. and max.	-1; 1
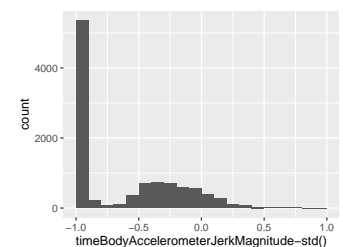
timeBodyGyroscopeMagnitude-mean()

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10298
Median	-0.82
1st and 3rd quartiles	-0.98; -0.25
Min. and max.	-1; 1
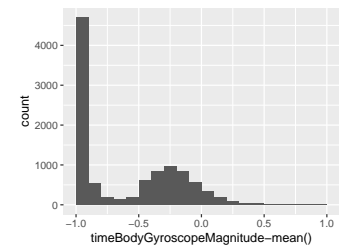
timeBodyGyroscopeMagnitude-std()

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10298
Median	-0.83
1st and 3rd quartiles	-0.98; -0.39
Min. and max.	-1; 1
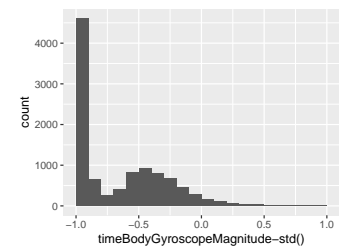
timeBodyGyroscopeJerkMagnitude-mean()

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10293
Median	-0.96
1st and 3rd quartiles	-0.99; -0.55
Min. and max.	-1; 1
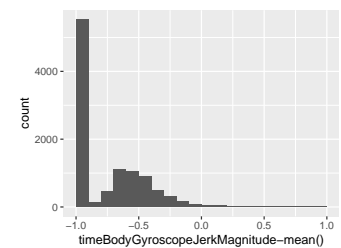
timeBodyGyroscopeJerkMagnitude-std()

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10297
Median	-0.94
1st and 3rd quartiles	-0.99; -0.61
Min. and max.	-1; 1
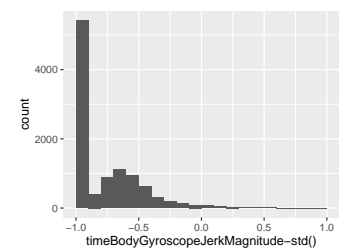
frequencyBodyAccelerometer-mean()-X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10295
Median	-0.95
1st and 3rd quartiles	-0.99; -0.26
Min. and max.	-1; 1
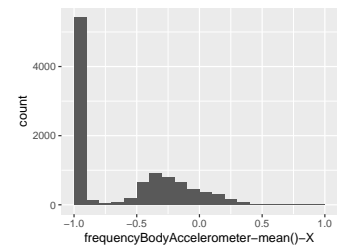
frequencyBodyAccelerometer-mean()-Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10292
Median	-0.86
1st and 3rd quartiles	-0.98; -0.1
Min. and max.	-1; 1
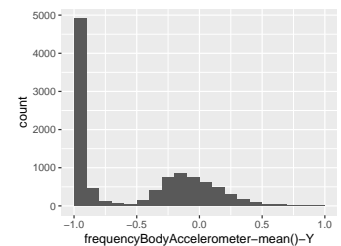
frequencyBodyAccelerometer-mean()-Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10295
Median	-0.9
1st and 3rd quartiles	-0.98; -0.37
Min. and max.	-1; 1
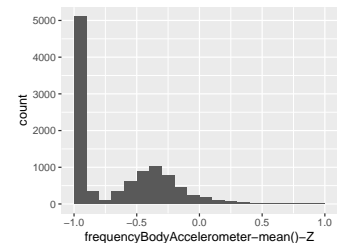
frequencyBodyAccelerometer-std()-X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10294
Median	-0.94
1st and 3rd quartiles	-0.99; -0.25
Min. and max.	-1; 1
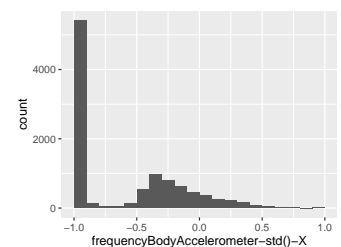
frequencyBodyAccelerometer-std()-Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10297
Median	-0.83
1st and 3rd quartiles	-0.98; -0.09
Min. and max.	-1; 1
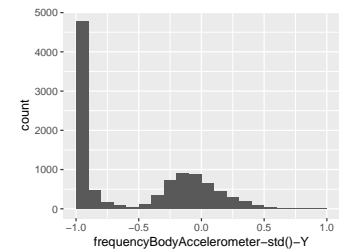
frequencyBodyAccelerometer-std()-Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10296
Median	-0.84
1st and 3rd quartiles	-0.98; -0.3
Min. and max.	-1; 1
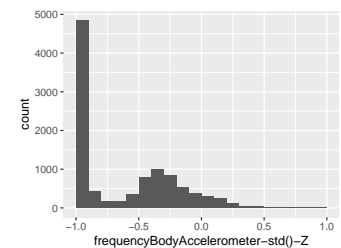
frequencyBodyAccelerometerJerk-mean()-X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10293
Median	-0.95
1st and 3rd quartiles	-0.99; -0.33
Min. and max.	-1; 1
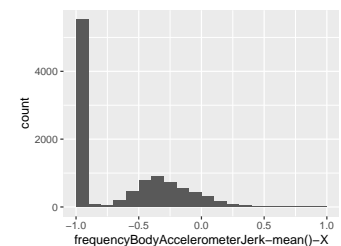
frequencyBodyAccelerometerJerk-mean()-Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10296
Median	-0.93
1st and 3rd quartiles	-0.98; -0.26
Min. and max.	-1; 1
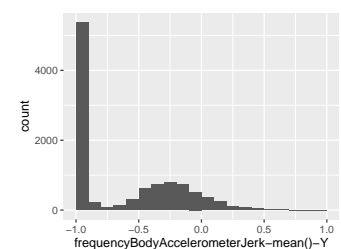
frequencyBodyAccelerometerJerk-mean()-Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10294
Median	-0.95
1st and 3rd quartiles	-0.99; -0.51
Min. and max.	-1; 1
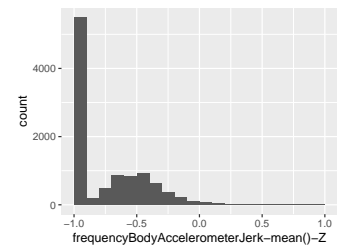
frequencyBodyAccelerometerJerk-std()-X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10291
Median	-0.96
1st and 3rd quartiles	-0.99; -0.32
Min. and max.	-1; 1
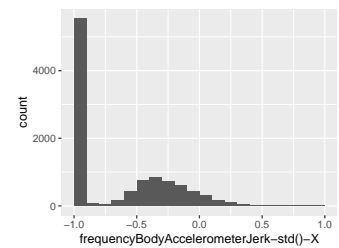
frequencyBodyAccelerometerJerk-std()-Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10294
Median	-0.93
1st and 3rd quartiles	-0.99; -0.24
Min. and max.	-1; 1
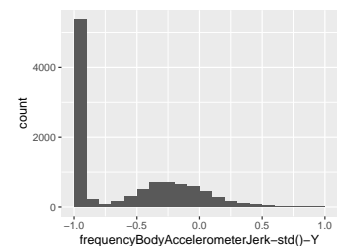
frequencyBodyAccelerometerJerk-std()-Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10290
Median	-0.96
1st and 3rd quartiles	-0.99; -0.59
Min. and max.	-1; 1
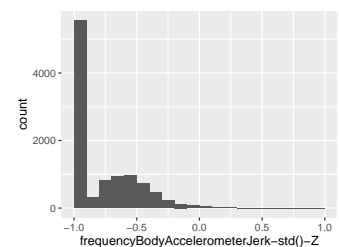
frequencyBodyGyroscope-mean()-X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10297
Median	-0.89
1st and 3rd quartiles	-0.99; -0.38
Min. and max.	-1; 1

frequencyBodyGyroscope-mean()-Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10296
Median	-0.92
1st and 3rd quartiles	-0.98; -0.47
Min. and max.	-1; 1
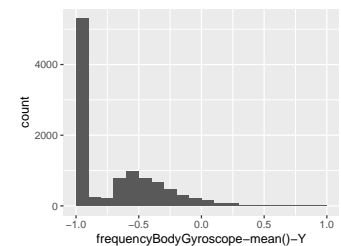
frequencyBodyGyroscope-mean()-Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10297
Median	-0.89
1st and 3rd quartiles	-0.99; -0.32
Min. and max.	-1; 1

frequencyBodyGyroscope-std()-X

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10297
Median	-0.91
1st and 3rd quartiles	-0.99; -0.52
Min. and max.	-1; 1
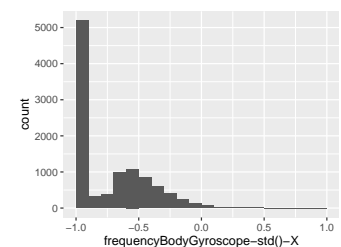
frequencyBodyGyroscope-std()-Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10293
Median	-0.91
1st and 3rd quartiles	-0.98; -0.44
Min. and max.	-1; 1
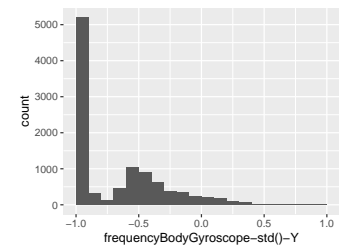
frequencyBodyGyroscope-std()-Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10295
Median	-0.89
1st and 3rd quartiles	-0.99; -0.42
Min. and max.	-1; 1
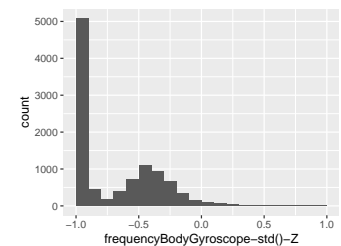
frequencyBodyAccelerometerMagnitude-mean()

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10296
Median	-0.88
1st and 3rd quartiles	-0.98; -0.22
Min. and max.	-1; 1
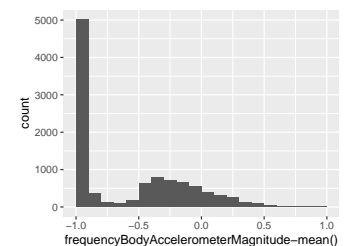
frequencyBodyAccelerometerMagnitude-std()

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10298
Median	-0.85
1st and 3rd quartiles	-0.98; -0.38
Min. and max.	-1; 1
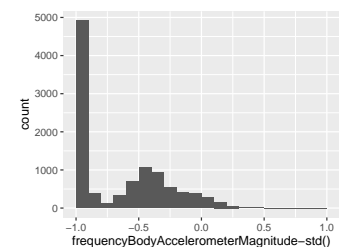
frequencyBodyAccelerometerJerkMagnitude-mean()

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10290
Median	-0.93
1st and 3rd quartiles	-0.99; -0.26
Min. and max.	-1; 1
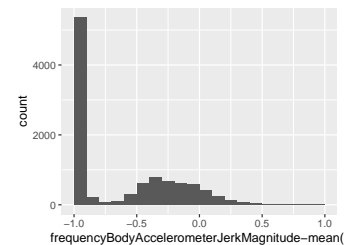
frequencyBodyAccelerometerJerkMagnitude-std()

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10296
Median	-0.93
1st and 3rd quartiles	-0.99; -0.31
Min. and max.	-1; 1
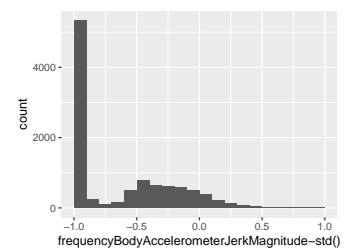
frequencyBodyGyroscopeMagnitude-mean()

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10297
Median	-0.88
1st and 3rd quartiles	-0.98; -0.45
Min. and max.	-1; 1
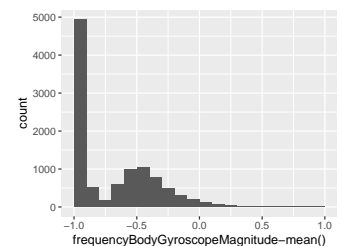
frequencyBodyGyroscopeMagnitude-std()

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10296
Median	-0.83
1st and 3rd quartiles	-0.98; -0.47
Min. and max.	-1; 1

frequencyBodyGyroscopeJerkMagnitude-mean()

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10293
Median	-0.95
1st and 3rd quartiles	-0.99; -0.61
Min. and max.	-1; 1
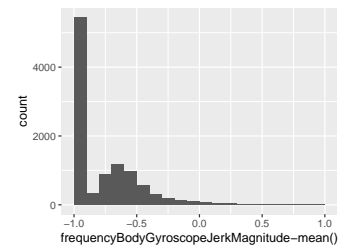
frequencyBodyGyroscopeJerkMagnitude-std()

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	10292
Median	-0.94
1st and 3rd quartiles	-0.99; -0.64
Min. and max.	-1; 1
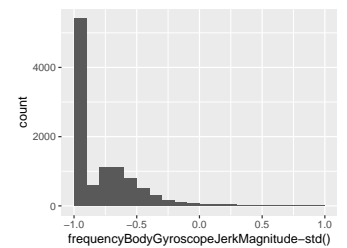
subject

Feature	Result
Variable type	integer
Number of missing obs.	0 (0 %)
Number of unique values	30
Median	17
1st and 3rd quartiles	9; 24
Min. and max.	1; 30
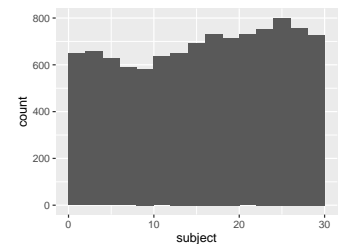
activitycode

Feature	Result
Variable type	integer
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	4
1st and 3rd quartiles	2; 5
Min. and max.	1; 6
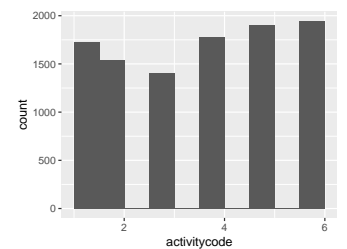
activity

Feature	Result
Variable type	factor
Number of missing obs.	0 (0 %)
Number of unique values	6
Mode	"LAYING"
Reference category	WALKING
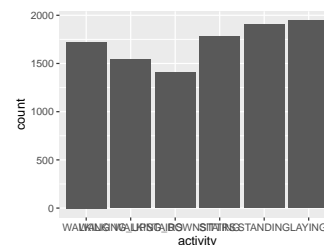
- Observed factor levels: "LAYING", "SITTING", "STANDING", "WALKING", "WALKING_DOWNSTAIRS", "WALKING_UPSTAIRS".

Report generation information:

- Created by: error: invalid key: Mendoza/.gitconfig (username: `Daniel Mendoza`).

- Report creation time: vie. jul. 17 2020 19:14:24

- Report was run from directory: `C:/Users/Daniel Mendoza/Documents/R/Projects/Getting-and-Cleaning-Data-Course`

- dataMaid v1.4.0 [Pkg: 2019-12-10 from CRAN (R 4.0.2)]

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

- Platform: x86_64-w64-mingw32/x64 (64-bit)(Windows 10 x64 (build 18363)).

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