Codebook for mean_data

Autogenerated data summary from dataMaid

2018-03-19 01:54:13

Data report overview

The dataset examined has the following dimensions:

Feature	Result
Number of observations	180
Number of variables	68

The features for this database come from the UCI HAR Dataset. Except for `activity` and `subject` each variable in this dataset measures the average of all values of corresponding variable with the same name in the UCI HAR Dataset for a specific activity and subject.

Codebook summary table

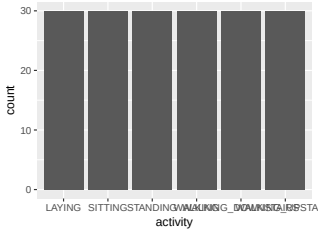
Label	Variable	Class	# unique values	Missing	Description
	activity	factor	6	0.00 %	
	subject	integer	30	0.00 %	
	tBodyAcc.mean.X	numeric	180	0.00 %	
	tBodyAcc.mean.Y	numeric	180	0.00 %	
	tBodyAcc.mean.Z	numeric	180	0.00 %	
	tBodyAcc.std.X	numeric	180	0.00 %	
	tBodyAcc.std.Y	numeric	180	0.00 %	
	tBodyAcc.std.Z	numeric	180	0.00 %	
	tGravityAcc.mean.X	numeric	180	0.00 %	
	tGravityAcc.mean.Y	numeric	180	0.00 %	
	tGravityAcc.mean.Z	numeric	180	0.00 %	
	tGravityAcc.std.X	numeric	180	0.00 %	
	tGravityAcc.std.Y	numeric	180	0.00 %	
	tGravityAcc.std.Z	numeric	180	0.00 %	
	tBodyAccJerk.mean.X	numeric	180	0.00 %	
	tBodyAccJerk.mean.Y	numeric	180	0.00 %	
	tBodyAccJerk.mean.Z	numeric	180	0.00 %	
	tBodyAccJerk.std.X	numeric	180	0.00 %	
	tBodyAccJerk.std.Y	numeric	180	0.00 %	
	tBodyAccJerk.std.Z	numeric	180	0.00 %	
	tBodyGyro.mean.X	numeric	180	0.00 %	
	tBodyGyro.mean.Y	numeric	180	0.00 %	
	tBodyGyro.mean.Z	numeric	180	0.00 %	
	tBodyGyro.std.X	numeric	180	0.00 %	
	tBodyGyro.std.Y	numeric	180	0.00 %	
	tBodyGyro.std.Z	numeric	180	0.00 %	

Label	Variable	Class	# unique values	Missing	Description
	tBodyGyroJerk.mean.X	numeric	180	0.00 %	
	tBodyGyroJerk.mean.Y	numeric	180	0.00 %	
	tBodyGyroJerk.mean.Z	numeric	180	0.00 %	
	tBodyGyroJerk.std.X	numeric	180	0.00 %	
	tBodyGyroJerk.std.Y	numeric	180	0.00 %	
	tBodyGyroJerk.std.Z	numeric	180	0.00 %	
	tBodyAccMag.mean	numeric	180	0.00 %	
	tBodyAccMag.std	numeric	180	0.00 %	
	tGravityAccMag.mean	numeric	180	0.00 %	
	tGravityAccMag.std	numeric	180	0.00 %	
	tBodyAccJerkMag.mean	numeric	180	0.00 %	
	tBodyAccJerkMag.std	numeric	180	0.00 %	
	tBodyGyroMag.mean	numeric	180	0.00 %	
	tBodyGyroMag.std	numeric	180	0.00 %	
	tBodyGyroJerkMag.mean	numeric	180	0.00 %	
	tBodyGyroJerkMag.std	numeric	180	0.00 %	
	fBodyAcc.mean.X	numeric	180	0.00 %	
	fBodyAcc.mean.Y	numeric	180	0.00 %	
	fBodyAcc.mean.Z	numeric	180	0.00 %	
	fBodyAcc.std.X	numeric	180	0.00 %	
	fBodyAcc.std.Y	numeric	180	0.00 %	
	fBodyAcc.std.Z	numeric	180	0.00 %	
	fBodyAccJerk.mean.X	numeric	180	0.00 %	
	fBodyAccJerk.mean.Y	numeric	180	0.00 %	
	fBodyAccJerk.mean.Z	numeric	180	0.00 %	
	fBodyAccJerk.std.X	numeric	180	0.00 %	
	fBodyAccJerk.std.Y	numeric	180	0.00 %	
	fBodyAccJerk.std.Z	numeric	180	0.00 %	
	fBodyGyro.mean.X	numeric	180	0.00 %	
	fBodyGyro.mean.Y	numeric	180	0.00 %	
	fBodyGyro.mean.Z	numeric	180	0.00 %	
	fBodyGyro.std.X	numeric	180	0.00 %	
	fBodyGyro.std.Y	numeric	180	0.00 %	
	fBodyGyro.std.Z	numeric	180	0.00 %	
	fBodyAccMag.mean	numeric	180	0.00 %	
	fBodyAccMag.std	numeric	180	0.00 %	
	fBodyBodyAccJerkMag.mean	numeric	180	0.00 %	
	fBodyBodyAccJerkMag.std	numeric	180	0.00 %	
	fBodyBodyGyroMag.mean	numeric	180	0.00 %	
	fBodyBodyGyroMag.std	numeric	180	0.00 %	
	fBodyBodyGyroJerkMag.mean	numeric	180	0.00 %	
	fBodyBodyGyroJerkMag.std	numeric	180	0.00 %	

Variable list

activity

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



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

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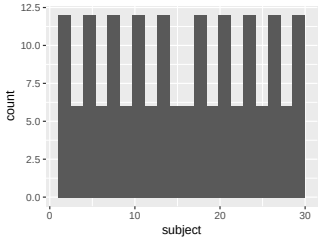
subject

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



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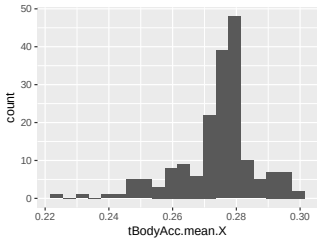
tBodyAcc.mean.X

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



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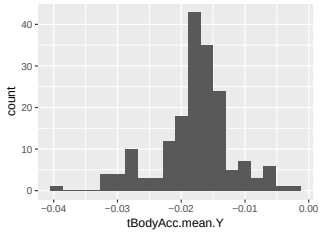
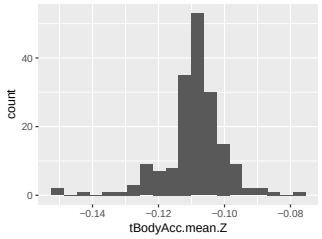
tBodyAcc.mean.Y

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



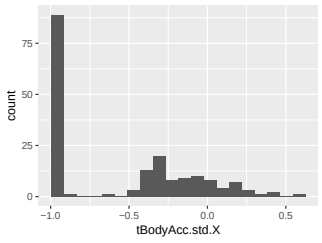
tBodyAcc.mean.Z

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



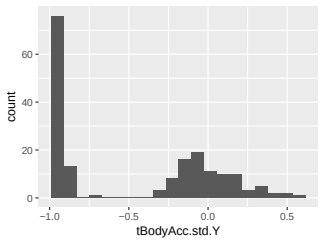
tBodyAcc.std.X

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



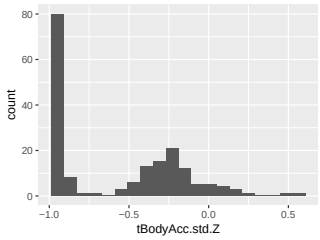
tBodyAcc.std.Y

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



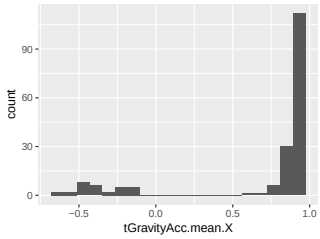
tBodyAcc.std.Z

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



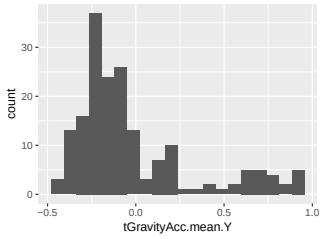
tGravityAcc.mean.X

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



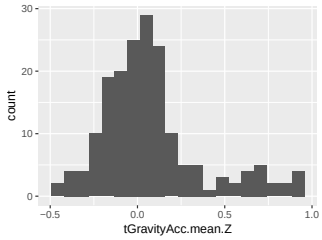
tGravityAcc.mean.Y

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



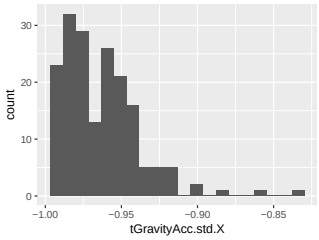
tGravityAcc.mean.Z

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



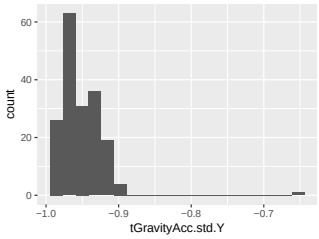
tGravityAcc.std.X

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



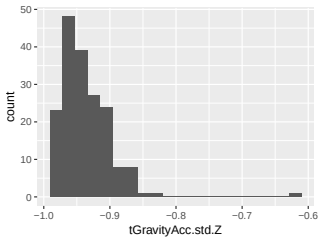
tGravityAcc.std.Y

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



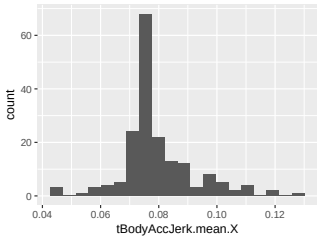
tGravityAcc.std.Z

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



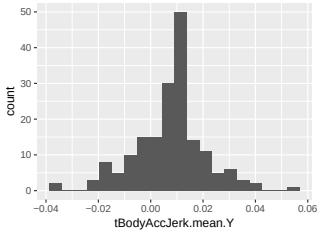
tBodyAccJerk.mean.X

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



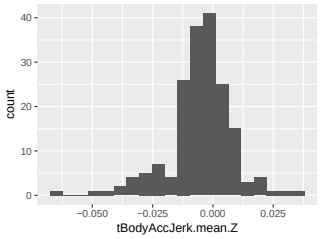
tBodyAccJerk.mean.Y

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



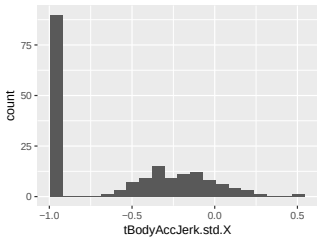
tBodyAccJerk.mean.Z

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



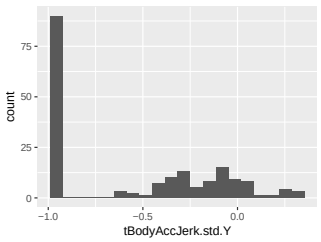
tBodyAccJerk.std.X

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



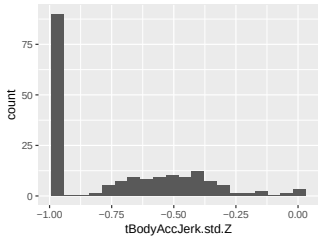
tBodyAccJerk.std.Y

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



tBodyAccJerk.std.Z

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

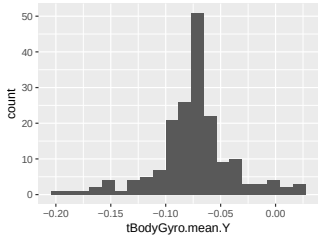


tBodyGyro.mean.X

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

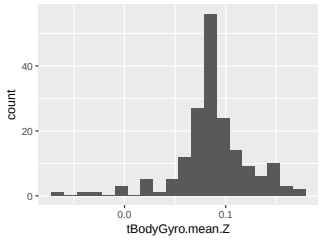
tBodyGyro.mean.Y

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



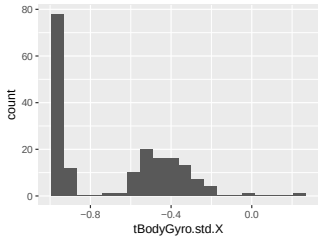
tBodyGyro.mean.Z

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



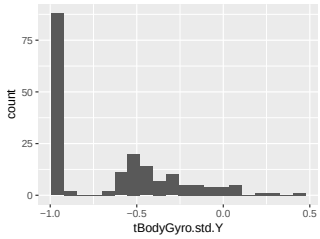
tBodyGyro.std.X

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



tBodyGyro.std.Y

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

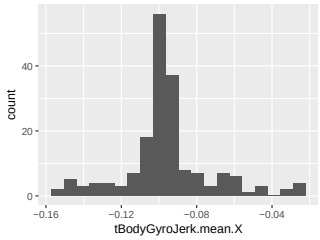


tBodyGyro.std.Z

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

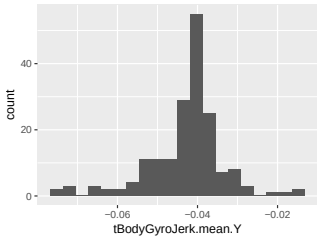
tBodyGyroJerk.mean.X

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



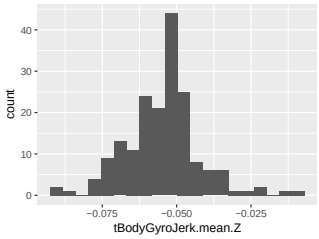
tBodyGyroJerk.mean.Y

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



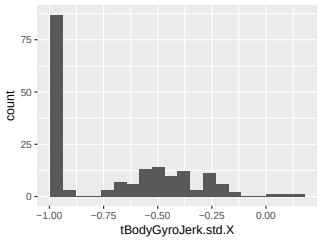
tBodyGyroJerk.mean.Z

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



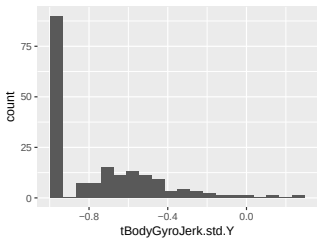
tBodyGyroJerk.std.X

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



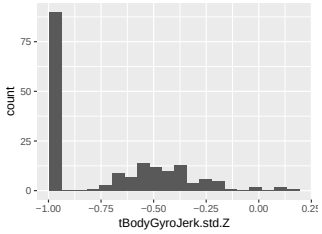
tBodyGyroJerk.std.Y

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



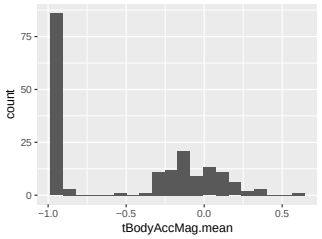
tBodyGyroJerk.std.Z

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



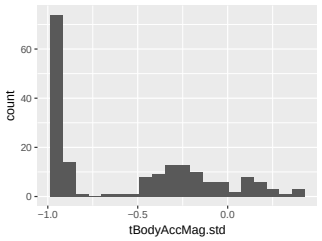
tBodyAccMag.mean

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



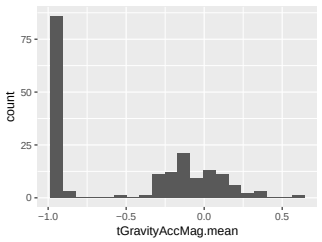
tBodyAccMag.std

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



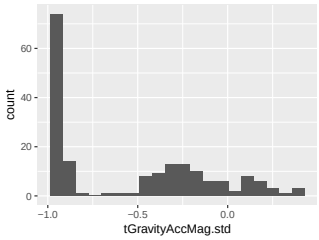
tGravityAccMag.mean

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



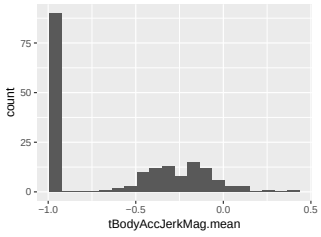
tGravityAccMag.std

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



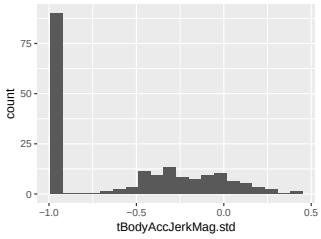
tBodyAccJerkMag.mean

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



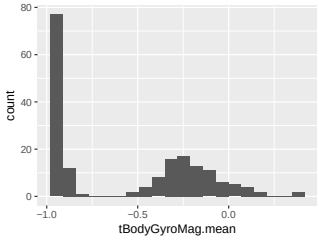
tBodyAccJerkMag.std

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



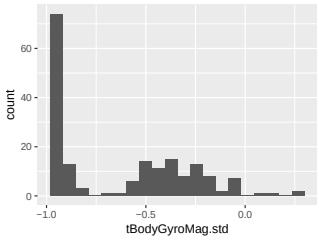
tBodyGyroMag.mean

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



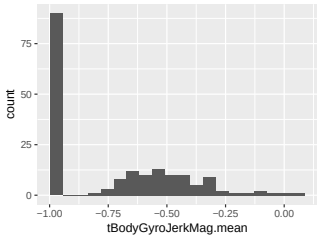
tBodyGyroMag.std

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



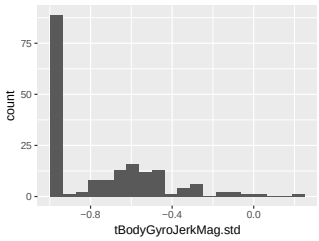
tBodyGyroJerkMag.mean

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



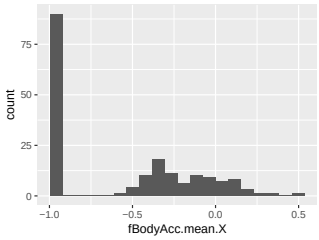
tBodyGyroJerkMag.std

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



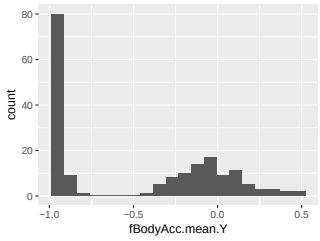
fBodyAcc.mean.X

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



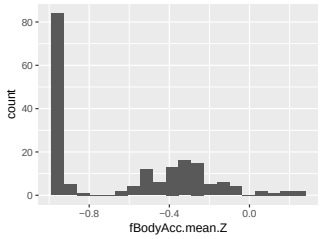
fBodyAcc.mean.Y

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



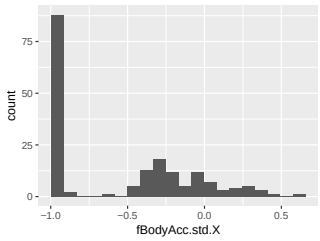
fBodyAcc.mean.Z

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



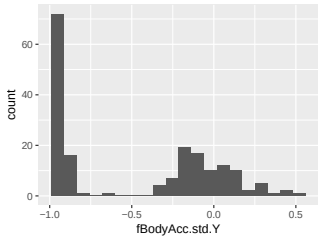
fBodyAcc.std.X

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



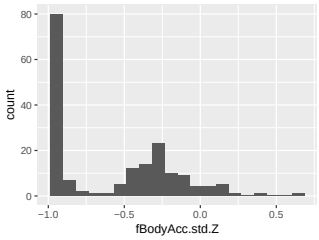
fBodyAcc.std.Y

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



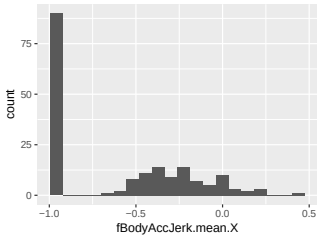
fBodyAcc.std.Z

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



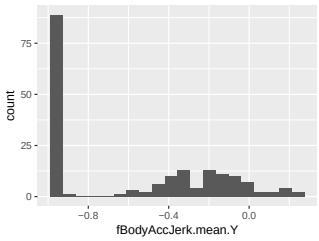
fBodyAccJerk.mean.X

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



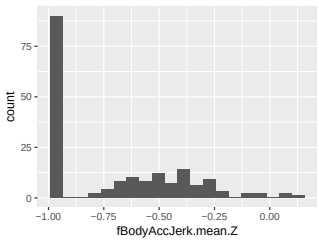
fBodyAccJerk.mean.Y

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



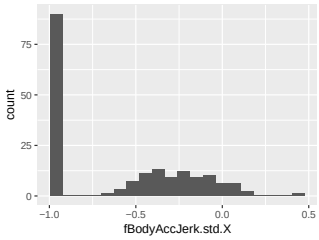
fBodyAccJerk.mean.Z

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



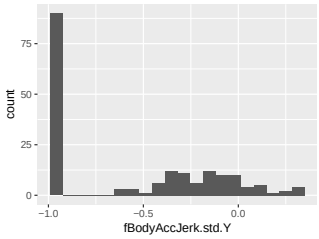
fBodyAccJerk.std.X

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



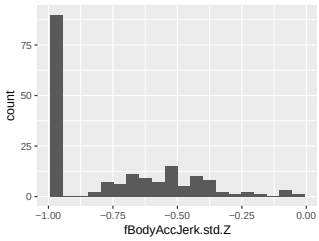
fBodyAccJerk.std.Y

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.79
1st and 3rd quartiles	-0.97; -0.17
Min. and max.	-0.99; 0.35



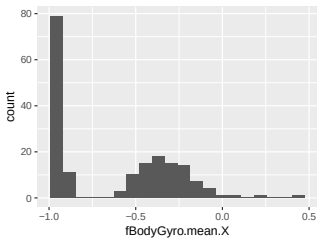
fBodyAccJerk.std.Z

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Median	-0.9
1st and 3rd quartiles	-0.98; -0.54
Min. and max.	-0.99; -0.01



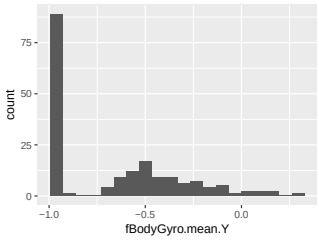
fBodyGyro.mean.X

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



fBodyGyro.mean.Y

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

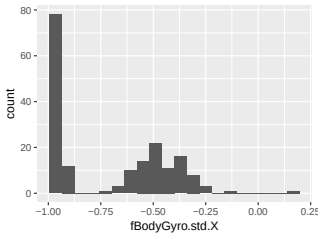


fBodyGyro.mean.Z

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

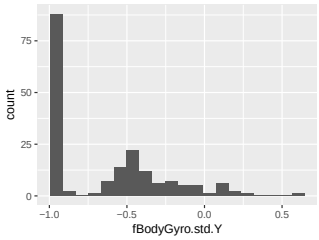
fBodyGyro.std.X

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



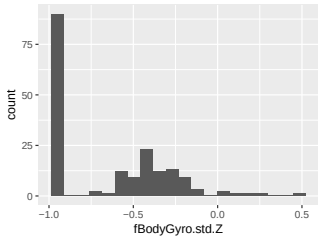
fBodyGyro.std.Y

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



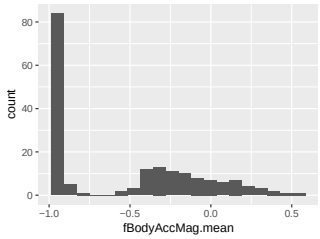
fBodyGyro.std.Z

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



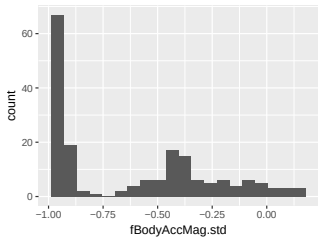
fBodyAccMag.mean

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



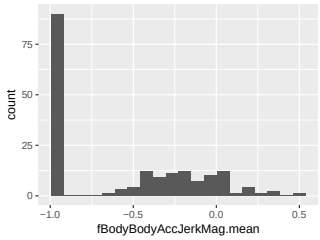
fBodyAccMag.std

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



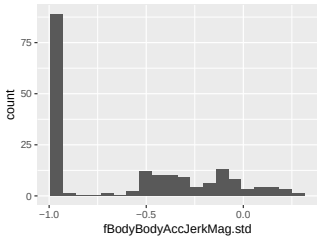
fBodyBodyAccJerkMag.mean

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



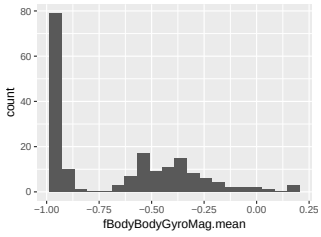
fBodyBodyAccJerkMag.std

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



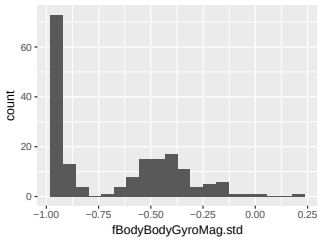
fBodyBodyGyroMag.mean

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



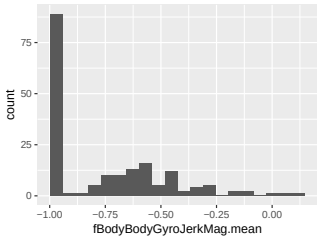
fBodyBodyGyroMag.std

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



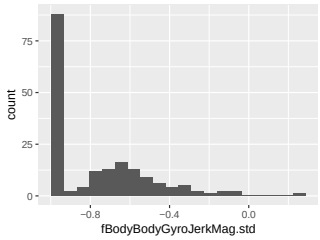
fBodyBodyGyroJerkMag.mean

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



fBodyBodyGyroJerkMag.std

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



Report generation information:

- Created by Philipp Kühl.
- Report creation time: Mo Mär 19 2018 01:54:15
- dataMaid v1.1.0 [Pkg: 2018-02-06 from CRAN (R 3.4.3)]
- R version 3.4.3 (2017-11-30).
- Platform: x86_64-apple-darwin15.6.0 (64-bit)(macOS High Sierra 10.13.3).
- Function call: `makeDataReport(data = data, mode = c("summarize", "visualize", "check"), smartNum = FALSE, file = normalizeFileName(paste0("codebook_", dfname, vol, ".Rmd")), checks = setChecks(character = list("showAllFactorLevels"), factor = list("showAllFactorLevels"), labelled = list("showAllFactorLevels"), numeric = NULL, integer = NULL, Date = NULL, logical = NULL), listChecks = FALSE, maxProbVals = Inf, codebook = TRUE, reportTitle = paste0("Codebook for ", dfname))`