

Codebook for tidy_data

Data report overview

The dataset examined has the following dimensions:

Feature	Result
Number of observations	10299
Number of variables	68

The features for this database come from the UCI HAR Dataset. It contains only the mean and standard deviation data.

Codebook summary table

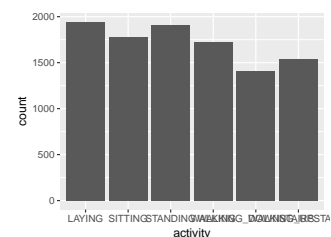
Label	Variable	Class	# unique values	Missing	Description
	activity	factor	6	0.00 %	
	subject	integer	30	0.00 %	
	tBodyAcc.mean.X	numeric	10292	0.00 %	
	tBodyAcc.mean.Y	numeric	10299	0.00 %	
	tBodyAcc.mean.Z	numeric	10293	0.00 %	
	tBodyAcc.std.X	numeric	10295	0.00 %	
	tBodyAcc.std.Y	numeric	10297	0.00 %	
	tBodyAcc.std.Z	numeric	10297	0.00 %	
	tGravityAcc.mean.X	numeric	10296	0.00 %	
	tGravityAcc.mean.Y	numeric	10298	0.00 %	
	tGravityAcc.mean.Z	numeric	10299	0.00 %	
	tGravityAcc.std.X	numeric	10288	0.00 %	
	tGravityAcc.std.Y	numeric	10293	0.00 %	
	tGravityAcc.std.Z	numeric	10296	0.00 %	
	tBodyAccJerk.mean.X	numeric	10299	0.00 %	
	tBodyAccJerk.mean.Y	numeric	10299	0.00 %	
	tBodyAccJerk.mean.Z	numeric	10299	0.00 %	
	tBodyAccJerk.std.X	numeric	10290	0.00 %	
	tBodyAccJerk.std.Y	numeric	10296	0.00 %	
	tBodyAccJerk.std.Z	numeric	10293	0.00 %	
	tBodyGyro.mean.X	numeric	10298	0.00 %	
	tBodyGyro.mean.Y	numeric	10299	0.00 %	
	tBodyGyro.mean.Z	numeric	10297	0.00 %	
	tBodyGyro.std.X	numeric	10292	0.00 %	
	tBodyGyro.std.Y	numeric	10296	0.00 %	
	tBodyGyro.std.Z	numeric	10296	0.00 %	
	tBodyGyroJerk.mean.X	numeric	10295	0.00 %	
	tBodyGyroJerk.mean.Y	numeric	10299	0.00 %	
	tBodyGyroJerk.mean.Z	numeric	10298	0.00 %	
	tBodyGyroJerk.std.X	numeric	10292	0.00 %	

Label	Variable	Class	# unique values	Missing	Description
	tBodyGyroJerk.std.Y	numeric	10295	0.00 %	
	tBodyGyroJerk.std.Z	numeric	10291	0.00 %	
	tBodyAccMag.mean	numeric	10296	0.00 %	
	tBodyAccMag.std	numeric	10294	0.00 %	
	tGravityAccMag.mean	numeric	10296	0.00 %	
	tGravityAccMag.std	numeric	10294	0.00 %	
	tBodyAccJerkMag.mean	numeric	10292	0.00 %	
	tBodyAccJerkMag.std	numeric	10294	0.00 %	
	tBodyGyroMag.mean	numeric	10298	0.00 %	
	tBodyGyroMag.std	numeric	10298	0.00 %	
	tBodyGyroJerkMag.mean	numeric	10293	0.00 %	
	tBodyGyroJerkMag.std	numeric	10297	0.00 %	
	fBodyAcc.mean.X	numeric	10295	0.00 %	
	fBodyAcc.mean.Y	numeric	10292	0.00 %	
	fBodyAcc.mean.Z	numeric	10295	0.00 %	
	fBodyAcc.std.X	numeric	10294	0.00 %	
	fBodyAcc.std.Y	numeric	10297	0.00 %	
	fBodyAcc.std.Z	numeric	10296	0.00 %	
	fBodyAccJerk.mean.X	numeric	10293	0.00 %	
	fBodyAccJerk.mean.Y	numeric	10296	0.00 %	
	fBodyAccJerk.mean.Z	numeric	10294	0.00 %	
	fBodyAccJerk.std.X	numeric	10291	0.00 %	
	fBodyAccJerk.std.Y	numeric	10294	0.00 %	
	fBodyAccJerk.std.Z	numeric	10290	0.00 %	
	fBodyGyro.mean.X	numeric	10297	0.00 %	
	fBodyGyro.mean.Y	numeric	10296	0.00 %	
	fBodyGyro.mean.Z	numeric	10297	0.00 %	
	fBodyGyro.std.X	numeric	10297	0.00 %	
	fBodyGyro.std.Y	numeric	10293	0.00 %	
	fBodyGyro.std.Z	numeric	10295	0.00 %	
	fBodyAccMag.mean	numeric	10296	0.00 %	
	fBodyAccMag.std	numeric	10298	0.00 %	
	fBodyBodyAccJerkMag.mean	numeric	10290	0.00 %	
	fBodyBodyAccJerkMag.std	numeric	10296	0.00 %	
	fBodyBodyGyroMag.mean	numeric	10297	0.00 %	
	fBodyBodyGyroMag.std	numeric	10296	0.00 %	
	fBodyBodyGyroJerkMag.mean	numeric	10293	0.00 %	
	fBodyBodyGyroJerkMag.std	numeric	10292	0.00 %	

Variable list

activity

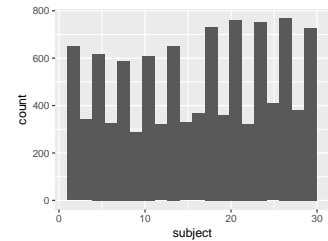
Feature	Result
Variable type	factor
Number of missing obs.	0 (0 %)
Number of unique values	6
Mode	"LAYING"



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

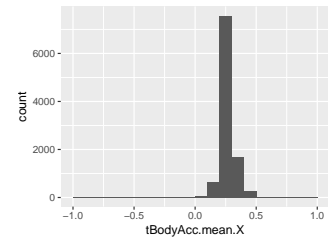
subject

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



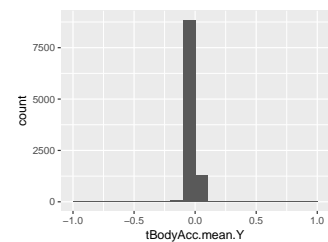
tBodyAcc.mean.X

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



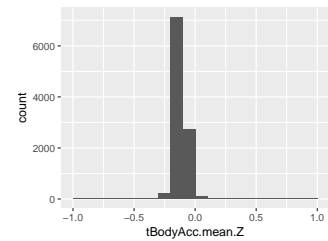
tBodyAcc.mean.Y

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



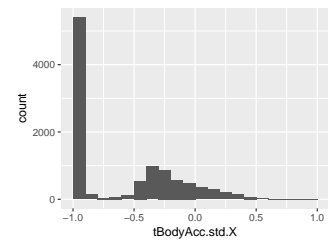
tBodyAcc.mean.Z

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



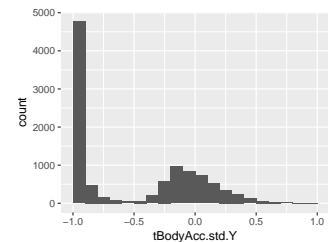
tBodyAcc.std.X

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



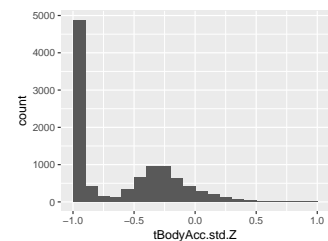
tBodyAcc.std.Y

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



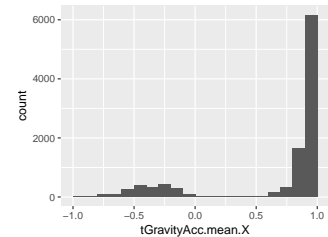
tBodyAcc.std.Z

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



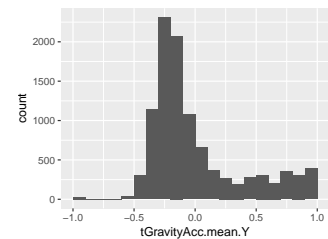
tGravityAcc.mean.X

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



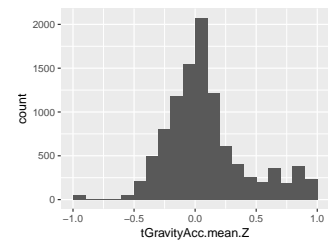
tGravityAcc.mean.Y

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



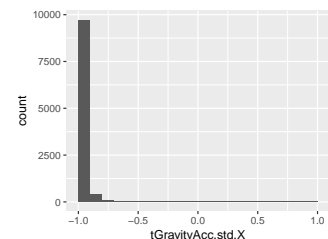
tGravityAcc.mean.Z

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



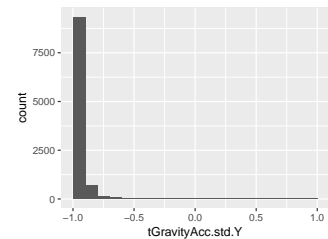
tGravityAcc.std.X

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



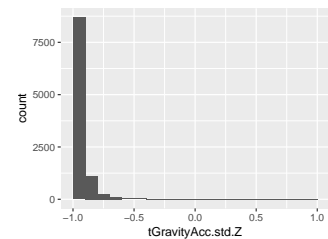
tGravityAcc.std.Y

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



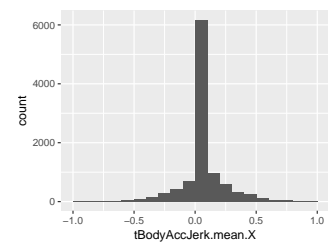
tGravityAcc.std.Z

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



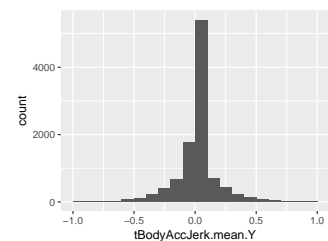
tBodyAccJerk.mean.X

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



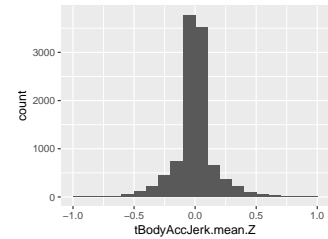
tBodyAccJerk.mean.Y

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



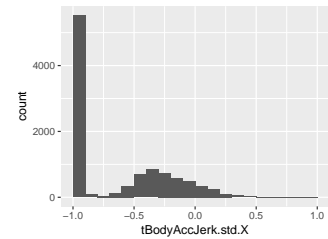
tBodyAccJerk.mean.Z

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



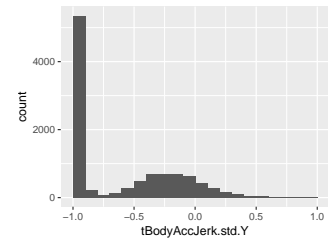
tBodyAccJerk.std.X

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



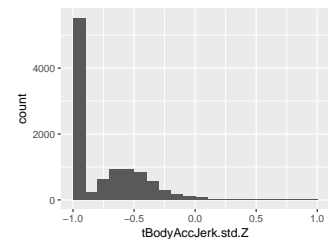
tBodyAccJerk.std.Y

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



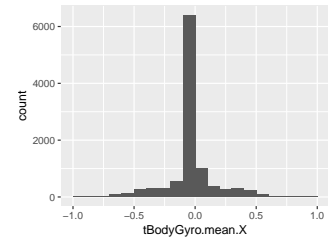
tBodyAccJerk.std.Z

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



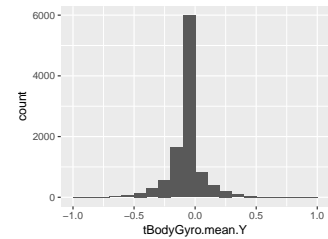
tBodyGyro.mean.X

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



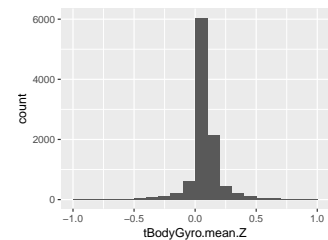
tBodyGyro.mean.Y

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



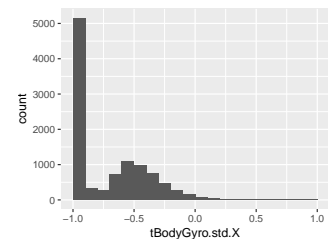
tBodyGyro.mean.Z

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



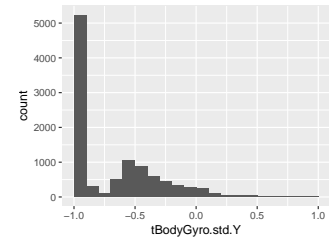
tBodyGyro.std.X

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



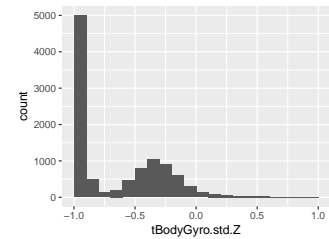
tBodyGyro.std.Y

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



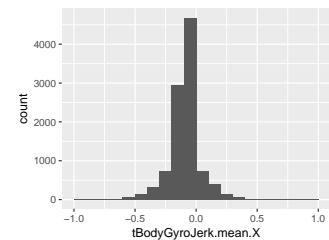
tBodyGyro.std.Z

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



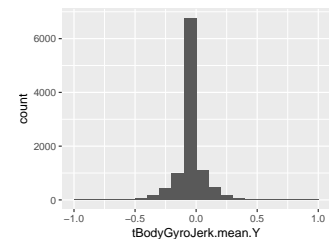
tBodyGyroJerk.mean.X

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



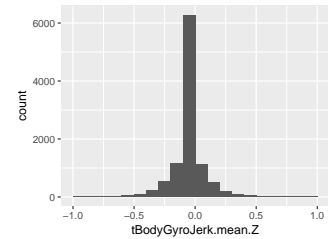
tBodyGyroJerk.mean.Y

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



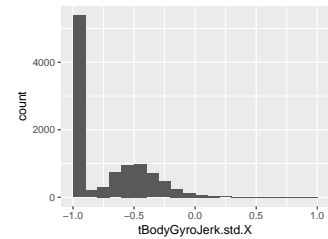
tBodyGyroJerk.mean.Z

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



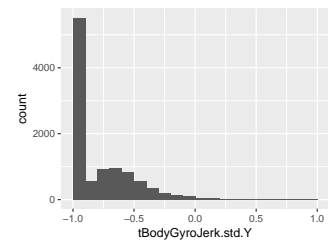
tBodyGyroJerk.std.X

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



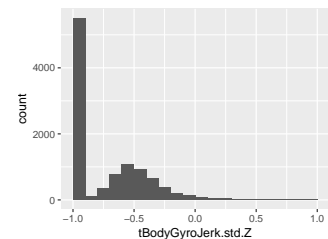
tBodyGyroJerk.std.Y

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



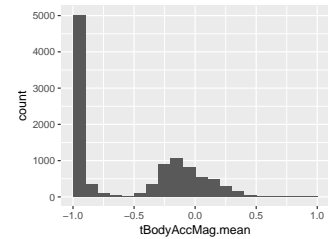
tBodyGyroJerk.std.Z

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



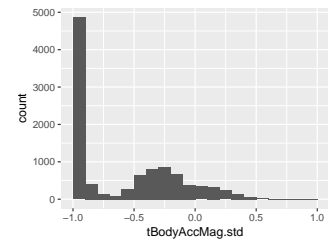
tBodyAccMag.mean

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



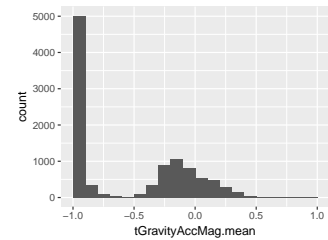
tBodyAccMag.std

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



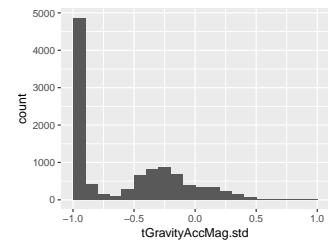
tGravityAccMag.mean

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



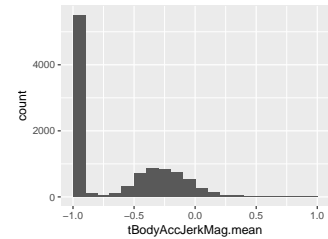
tGravityAccMag.std

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



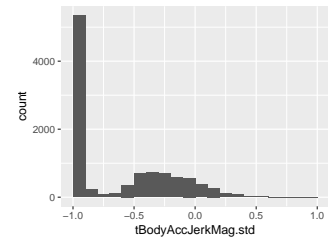
tBodyAccJerkMag.mean

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



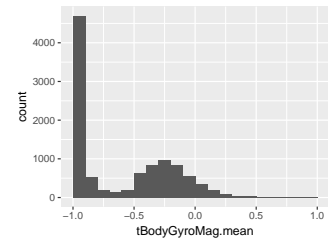
tBodyAccJerkMag.std

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



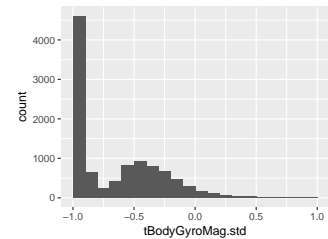
tBodyGyroMag.mean

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



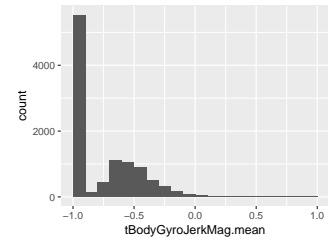
tBodyGyroMag.std

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



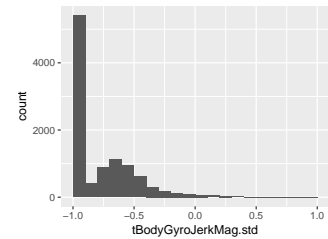
tBodyGyroJerkMag.mean

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



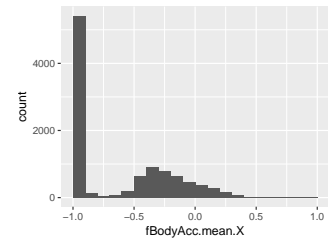
tBodyGyroJerkMag.std

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



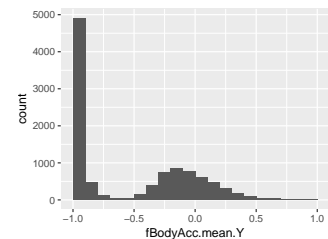
fBodyAcc.mean.X

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



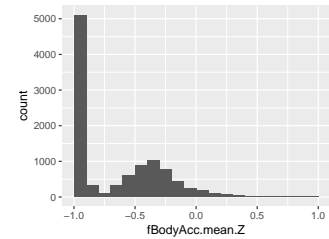
fBodyAcc.mean.Y

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



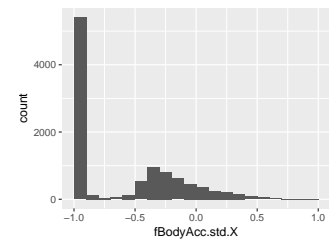
fBodyAcc.mean.Z

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



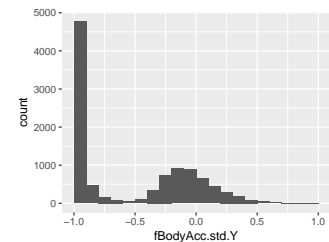
fBodyAcc.std.X

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



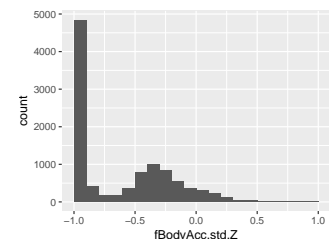
fBodyAcc.std.Y

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



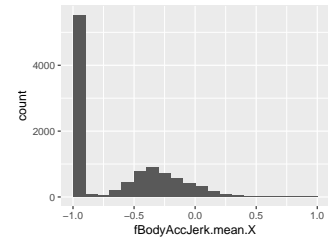
fBodyAcc.std.Z

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



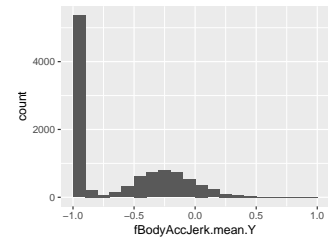
fBodyAccJerk.mean.X

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



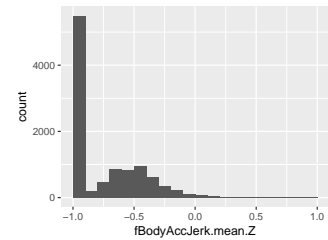
fBodyAccJerk.mean.Y

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



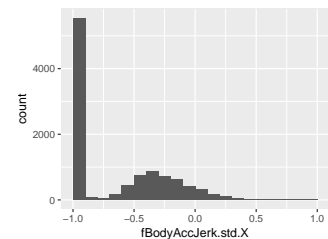
fBodyAccJerk.mean.Z

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



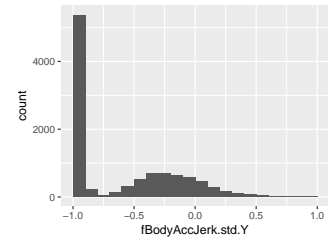
fBodyAccJerk.std.X

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



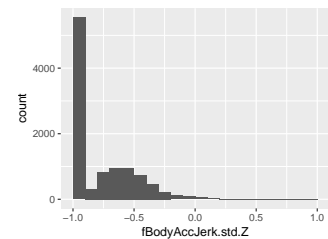
fBodyAccJerk.std.Y

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



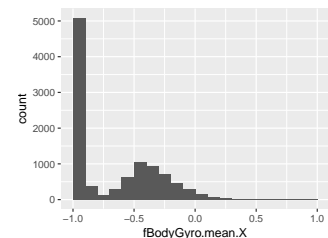
fBodyAccJerk.std.Z

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



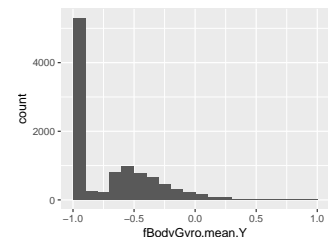
fBodyGyro.mean.X

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



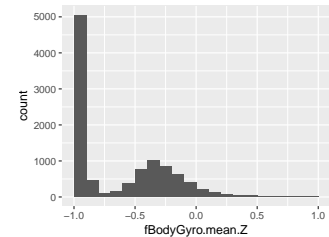
fBodyGyro.mean.Y

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



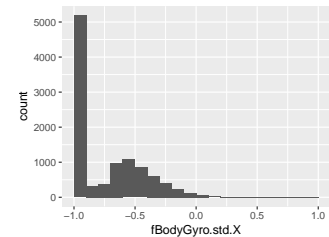
fBodyGyro.mean.Z

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



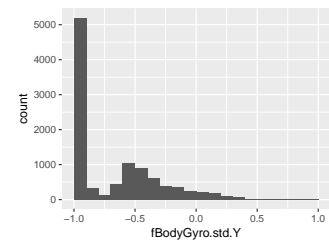
fBodyGyro.std.X

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



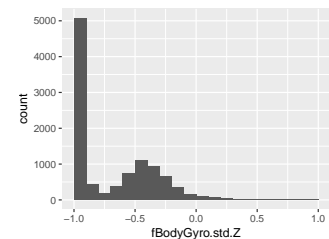
fBodyGyro.std.Y

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



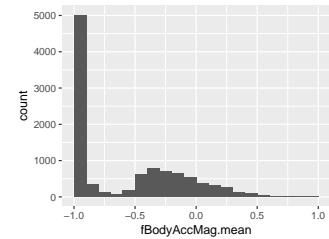
fBodyGyro.std.Z

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



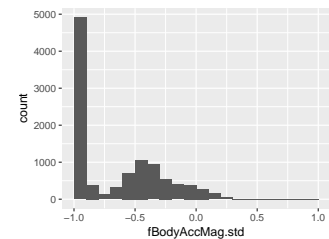
fBodyAccMag.mean

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



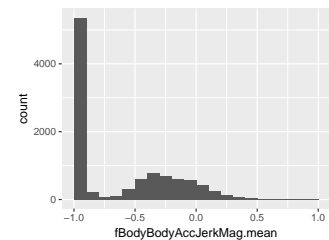
fBodyAccMag.std

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



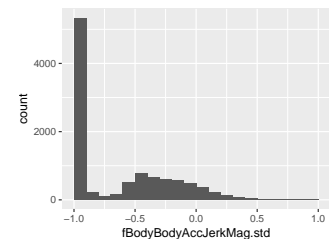
fBodyBodyAccJerkMag.mean

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



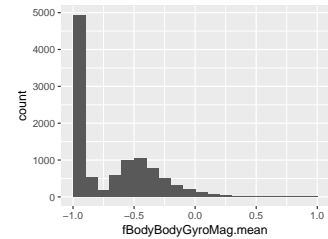
fBodyBodyAccJerkMag.std

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



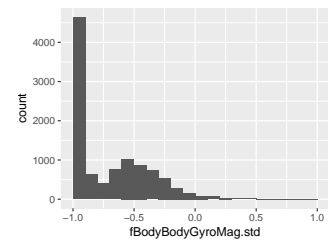
fBodyBodyGyroMag.mean

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



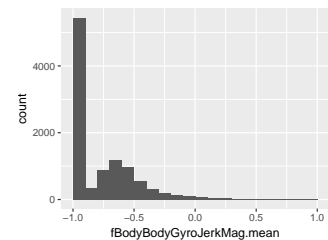
fBodyBodyGyroMag.std

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



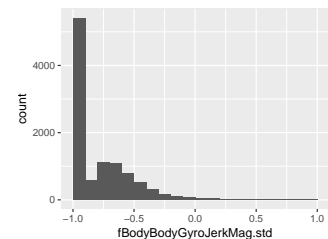
fBodyBodyGyroJerkMag.mean

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



fBodyBodyGyroJerkMag.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



Report generation information:

- Created by Philipp Kühl.
- Report creation time: So Mär 11 2018 14:19:46
- 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))`