

Codebook for final_tidy

Autogenerated data summary from dataMaid

2019-07-16 21:06:56

Data report overview

The dataset examined has the following dimensions:

Feature	Result
Number of observations	180
Number of variables	68

Codebook summary table

Label	Variable	Class	# unique values	Missing	Description
	subjectid	integer	30	0.00 %	
	activityid	factor	6	0.00 %	
	tbodyaccmeanx	numeric	180	0.00 %	
	tbodyaccmeany	numeric	180	0.00 %	
	tbodyaccmeanz	numeric	180	0.00 %	
	tbodyaccstdx	numeric	180	0.00 %	
	tbodyaccstdy	numeric	180	0.00 %	
	tbodyaccstdz	numeric	180	0.00 %	
	tgravityaccmeanx	numeric	180	0.00 %	
	tgravityaccmeany	numeric	180	0.00 %	
	tgravityaccmeanz	numeric	180	0.00 %	
	tgravityaccstdx	numeric	180	0.00 %	
	tgravityaccstdy	numeric	180	0.00 %	
	tgravityaccstdz	numeric	180	0.00 %	
	tbodyaccjerkmeanx	numeric	180	0.00 %	
	tbodyaccjerkmeany	numeric	180	0.00 %	
	tbodyaccjerkmeanz	numeric	180	0.00 %	
	tbodyaccjerkstdx	numeric	180	0.00 %	
	tbodyaccjerkstdy	numeric	180	0.00 %	
	tbodyaccjerkstdz	numeric	180	0.00 %	

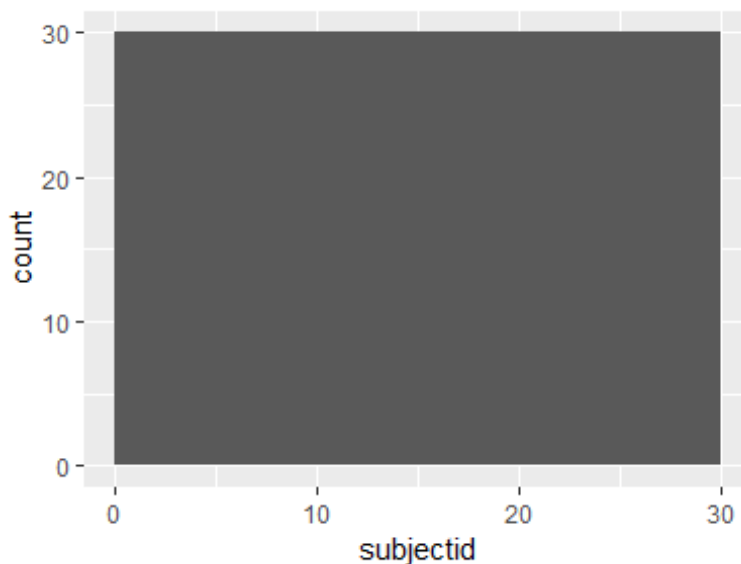
tbodygyromeanx	numeric	180	0.00 %
tbodygyromeany	numeric	180	0.00 %
tbodygyromeanz	numeric	180	0.00 %
tbodygyrostdx	numeric	180	0.00 %
tbodygyrostdy	numeric	180	0.00 %
tbodygyrostdz	numeric	180	0.00 %
tbodygyrojerkmeanx	numeric	180	0.00 %
tbodygyrojerkmeany	numeric	180	0.00 %
tbodygyrojerkmeanz	numeric	180	0.00 %
tbodygyrojerkstdx	numeric	180	0.00 %
tbodygyrojerkstdy	numeric	180	0.00 %
tbodygyrojerkstdz	numeric	180	0.00 %
tbodyaccmagmean	numeric	180	0.00 %
tbodyaccmagstd	numeric	180	0.00 %
tgravityaccmagmean	numeric	180	0.00 %
tgravityaccmagstd	numeric	180	0.00 %
tbodyaccjerkmagmean	numeric	180	0.00 %
tbodyaccjerkmagstd	numeric	180	0.00 %
tbodygyromagmean	numeric	180	0.00 %
tbodygyromagstd	numeric	180	0.00 %
tbodygyrojerkmagmean	numeric	180	0.00 %
tbodygyrojerkmagstd	numeric	180	0.00 %
fbodyaccmeanx	numeric	180	0.00 %
fbodyaccmeany	numeric	180	0.00 %
fbodyaccmeanz	numeric	180	0.00 %
fbodyaccstdx	numeric	180	0.00 %
fbodyaccstdy	numeric	180	0.00 %
fbodyaccstdz	numeric	180	0.00 %
fbodyaccjerkmeanx	numeric	180	0.00 %
fbodyaccjerkmeany	numeric	180	0.00 %
fbodyaccjerkmeanz	numeric	180	0.00 %
fbodyaccjerkstdx	numeric	180	0.00 %
fbodyaccjerkstdy	numeric	180	0.00 %
fbodyaccjerkstdz	numeric	180	0.00 %
fbodygyromeanx	numeric	180	0.00 %
fbodygyromeany	numeric	180	0.00 %

fbodygyromeanz	numeric	180	0.00 %
fbodygyrostdx	numeric	180	0.00 %
fbodygyrostdy	numeric	180	0.00 %
fbodygyrostdz	numeric	180	0.00 %
fbodyaccmagmean	numeric	180	0.00 %
fbodyaccmagstd	numeric	180	0.00 %
fbodybodyaccjerkmagmean	numeric	180	0.00 %
fbodybodyaccjerkmagstd	numeric	180	0.00 %
fbodybodygyromagmean	numeric	180	0.00 %
fbodybodygyromagstd	numeric	180	0.00 %
fbodybodygyrojerkmagmean	numeric	180	0.00 %
fbodybodygyrojerkmagstd	numeric	180	0.00 %

Variable list

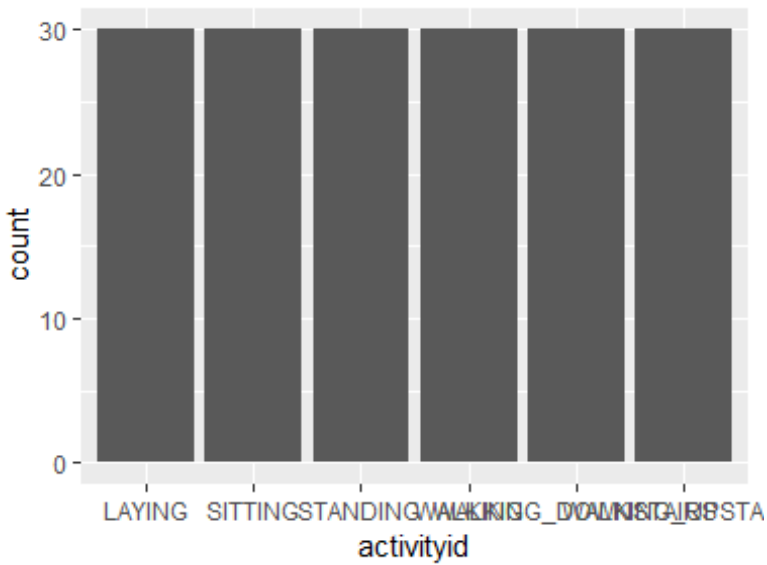
subjectid

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



activityid

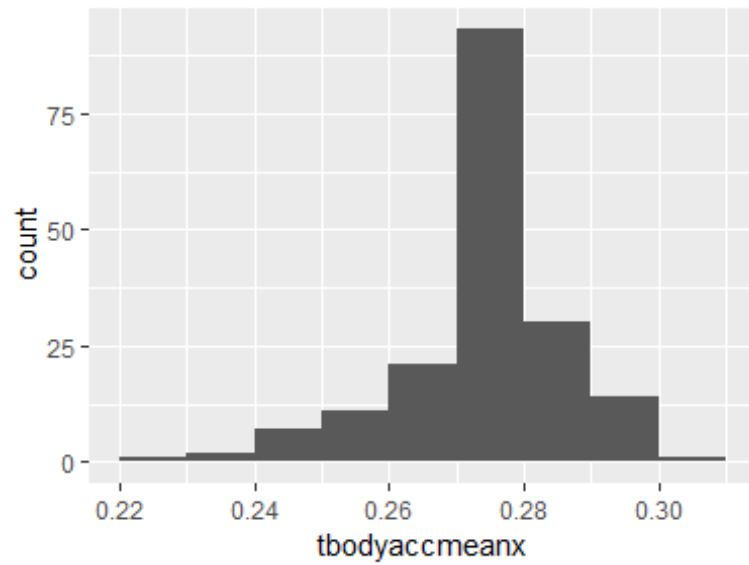
Feature	Result
Variable type	factor
Number of missing obs.	0 (0 %)
Number of unique values	6
Mode	"WALKING"
Reference category	WALKING



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

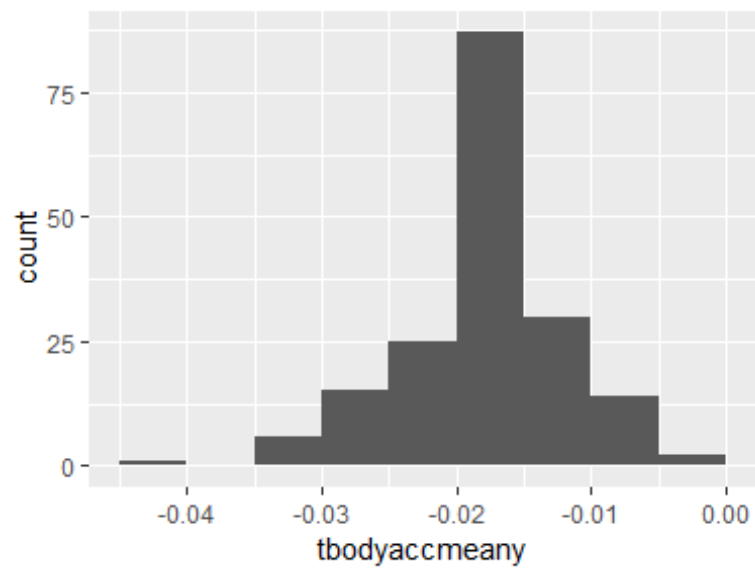
tbodyaccmeanx

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



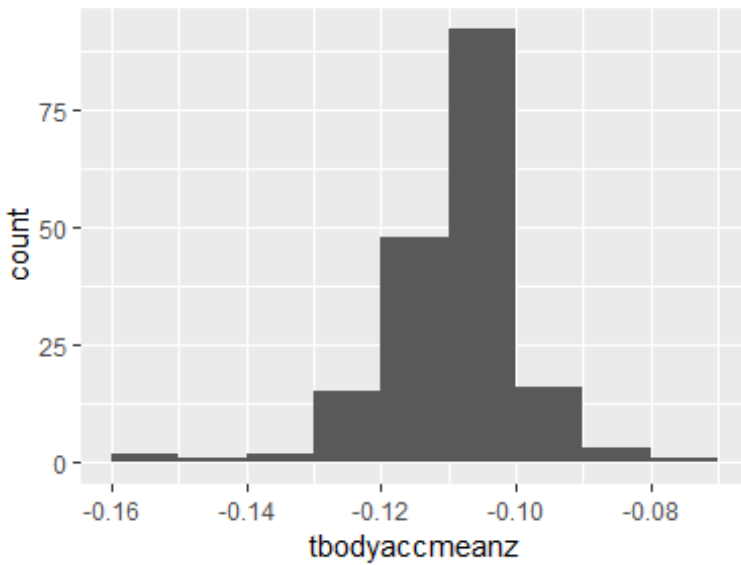
tbodyaccmeany

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



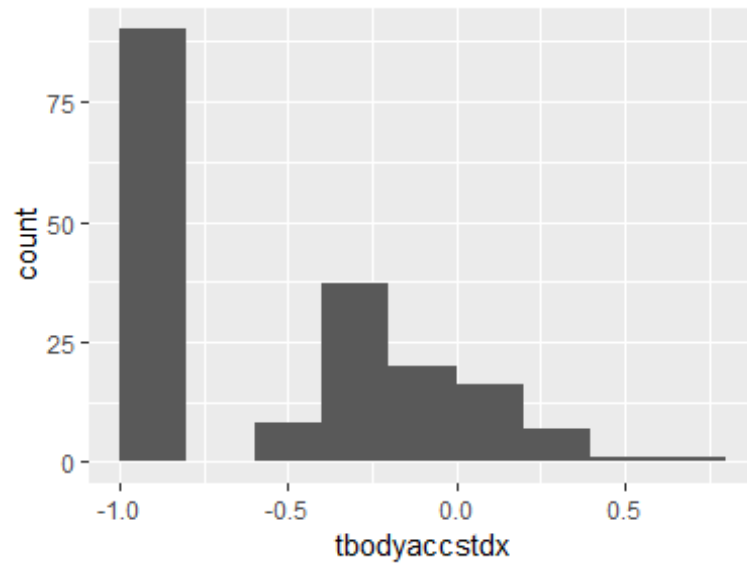
tbodyaccmeanz

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



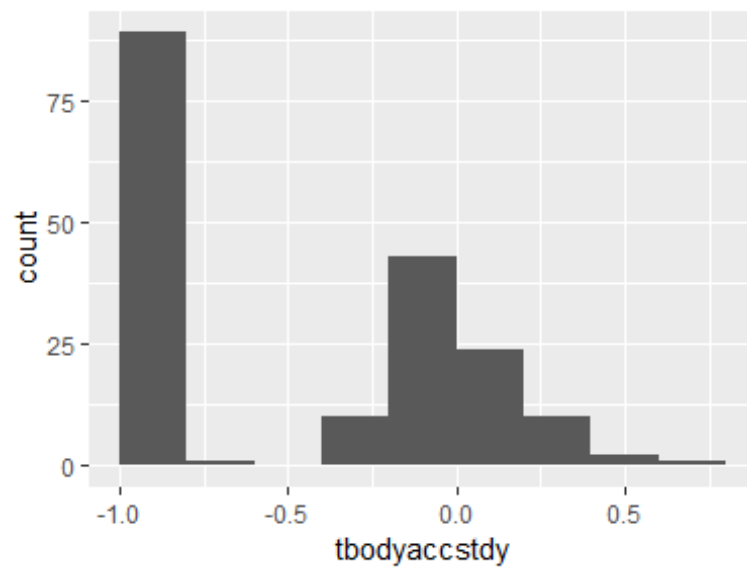
tbodyaccstdx

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



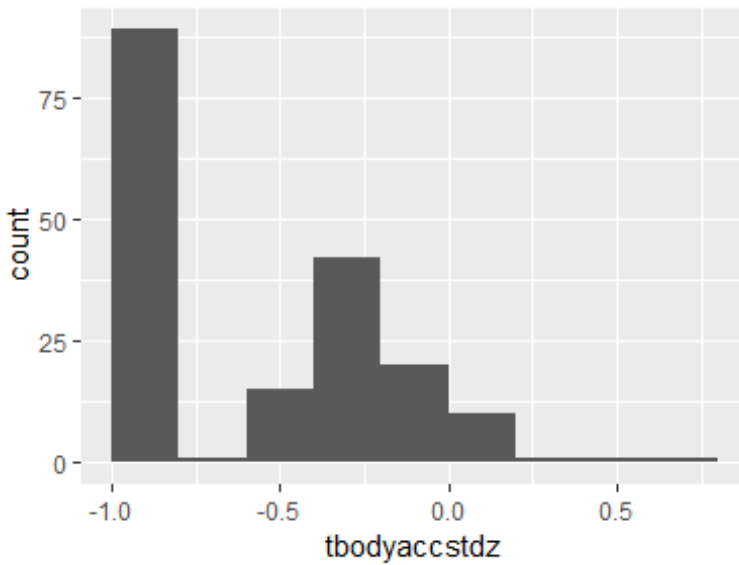
tbodyaccstdy

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



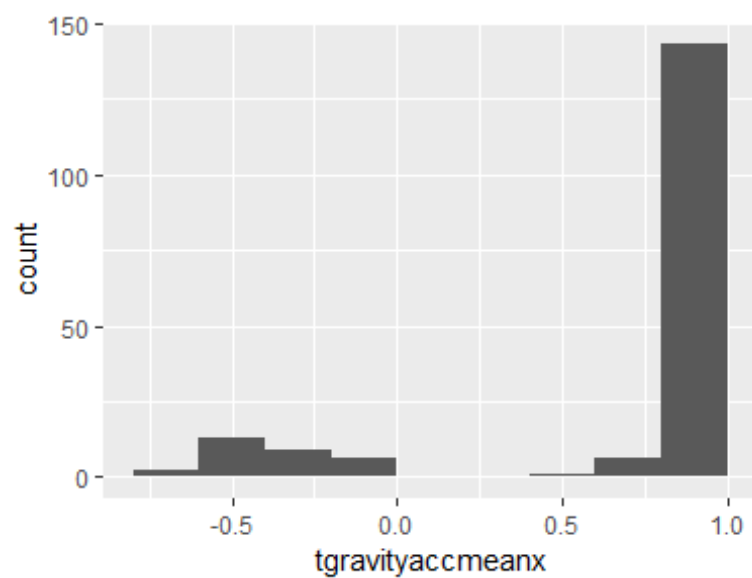
tbodyaccstdz

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



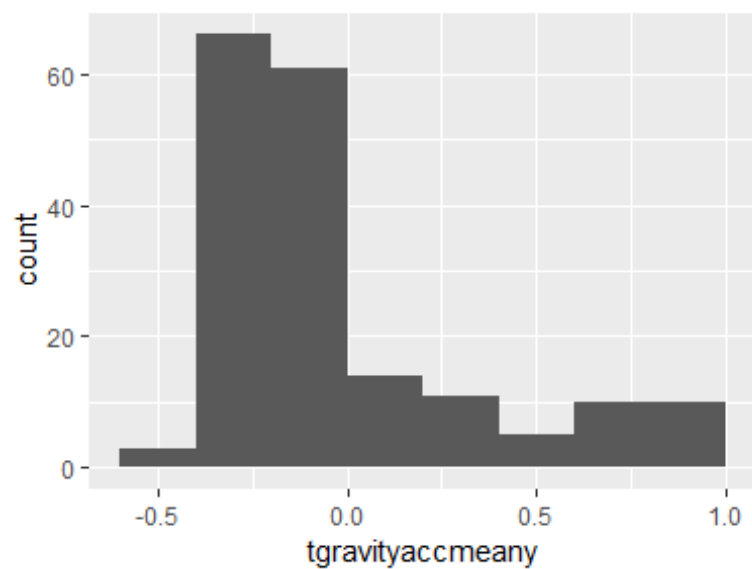
tgravityaccmeanx

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



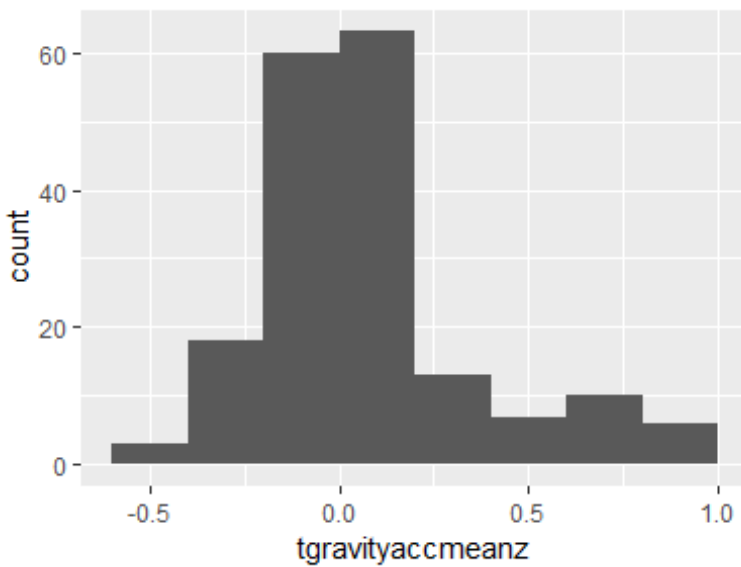
tgravityaccmeany

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



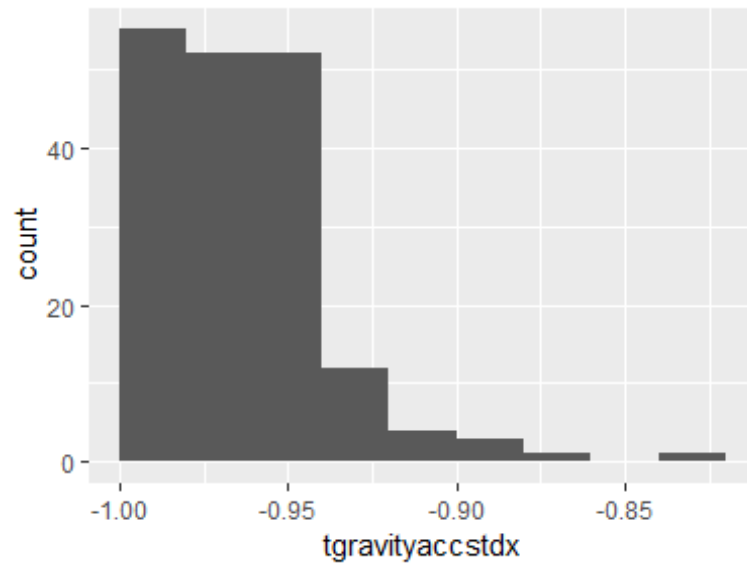
tgravityaccmeanz

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



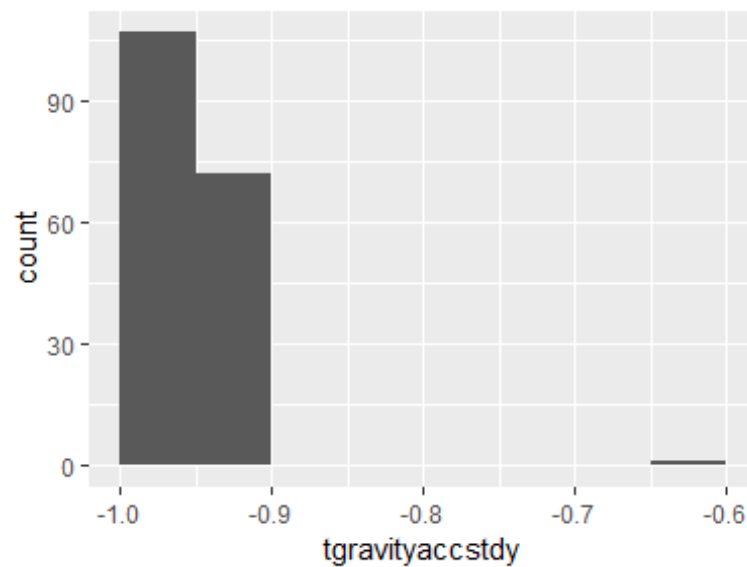
tgravityaccstdx

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



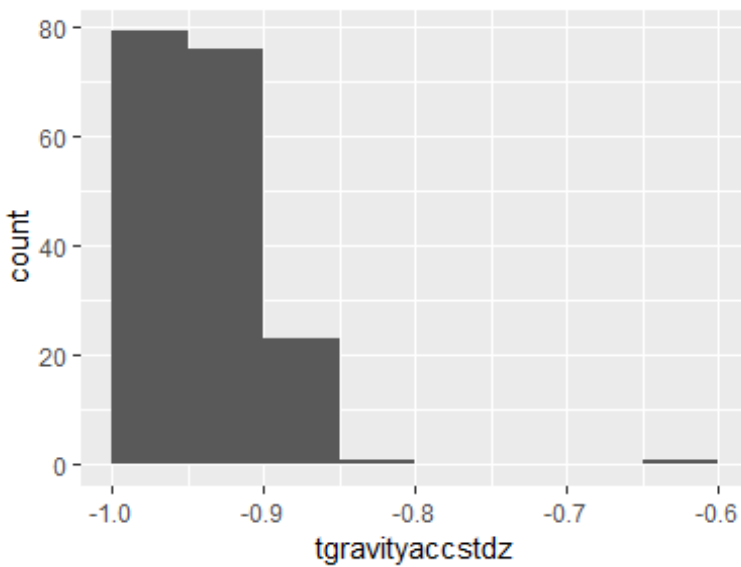
tgravityaccstdy

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



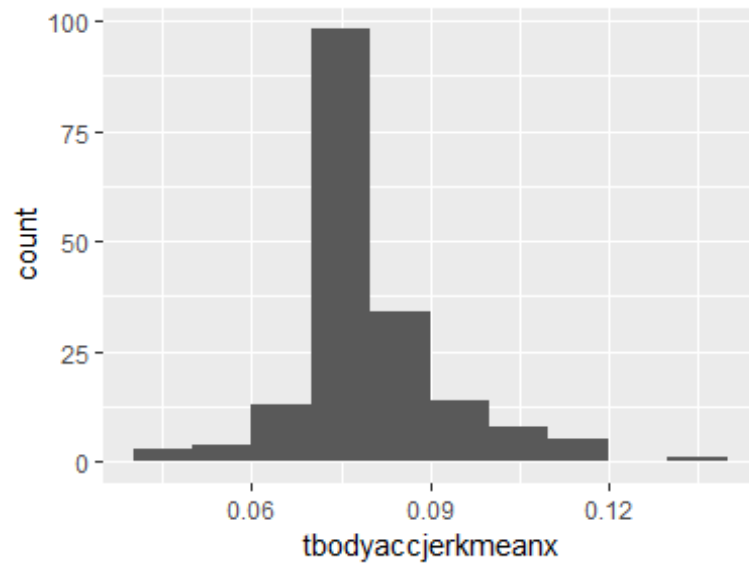
tgravityaccstdz

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



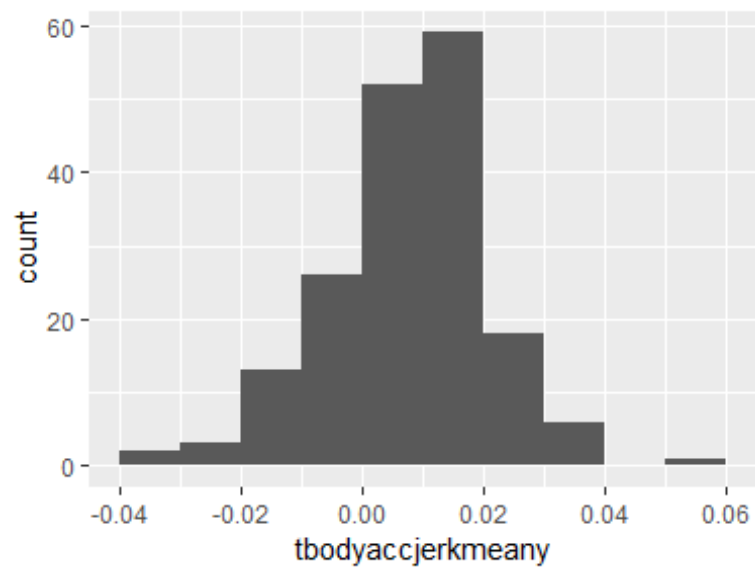
tbodyaccjerkmeanx

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



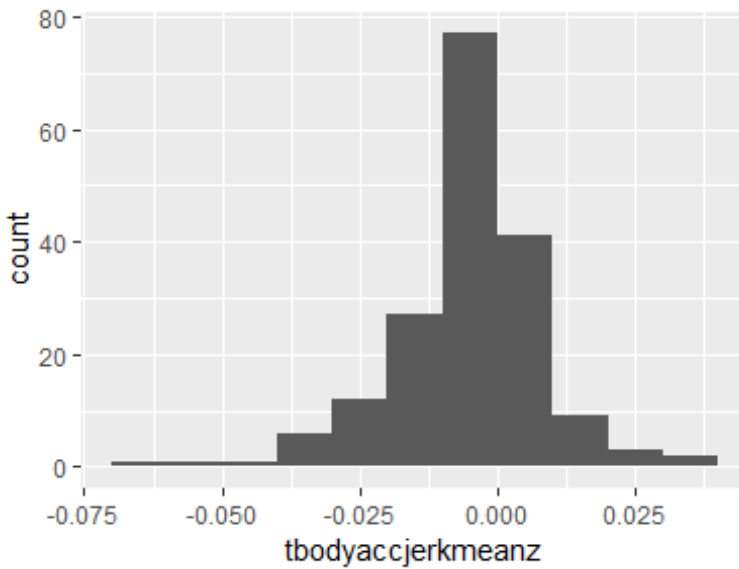
tbodyaccjerkmeany

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



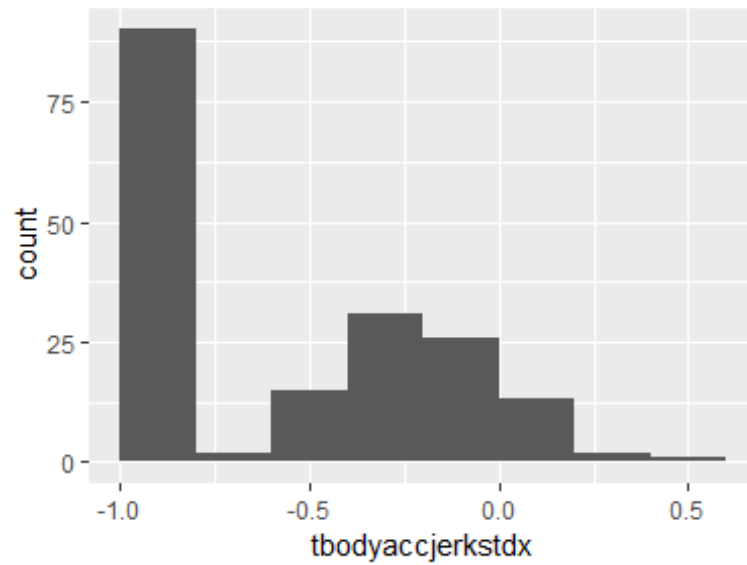
tbodyaccjerkmeanz

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



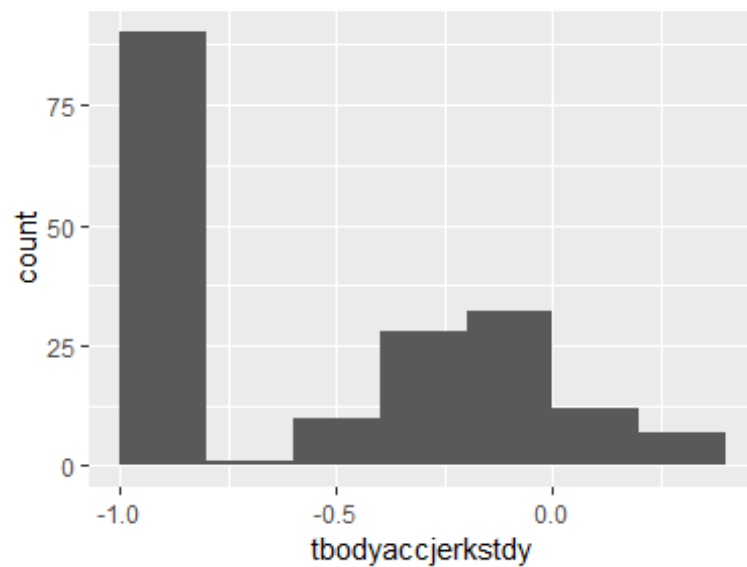
tbodyaccjerkstdx

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



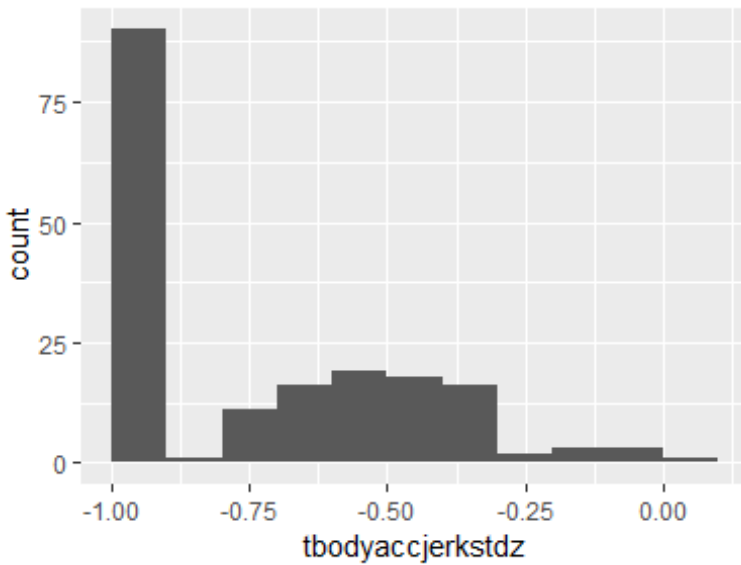
tbodyaccjerkstdy

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



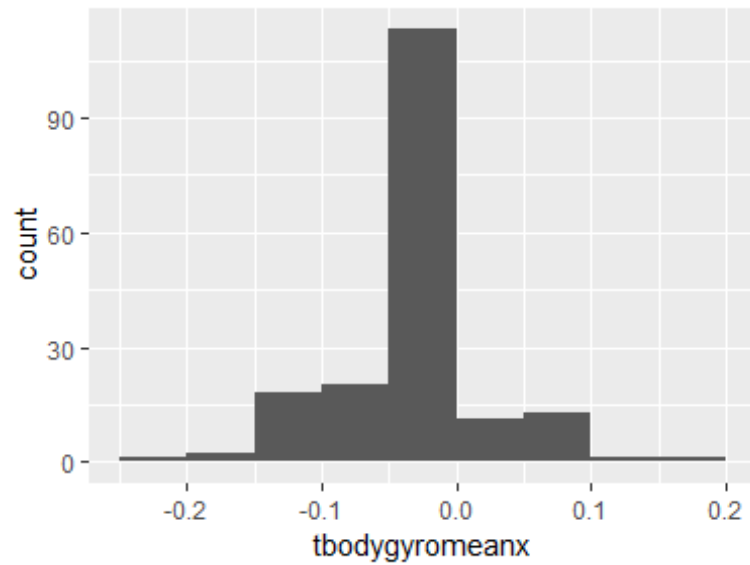
tbodyaccjerkstdz

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



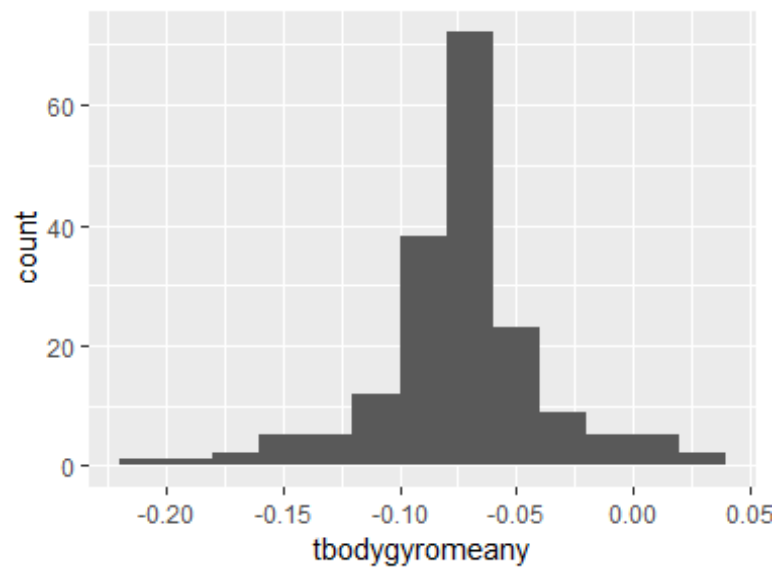
tbodygyromeanx

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



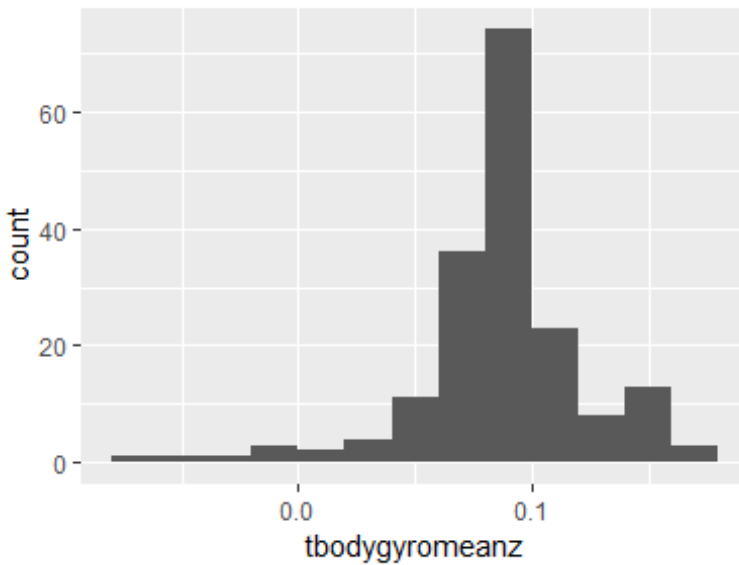
tbodygyromeany

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



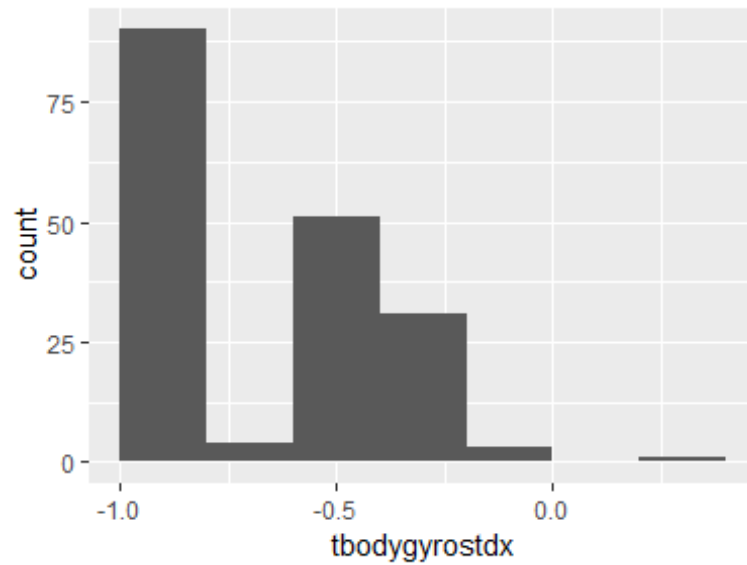
tbodygyromeanz

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



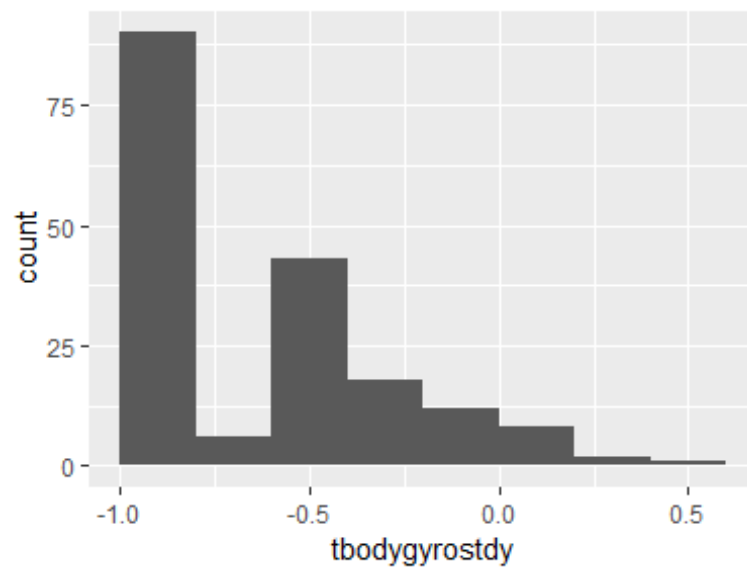
tbodygyrostdx

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



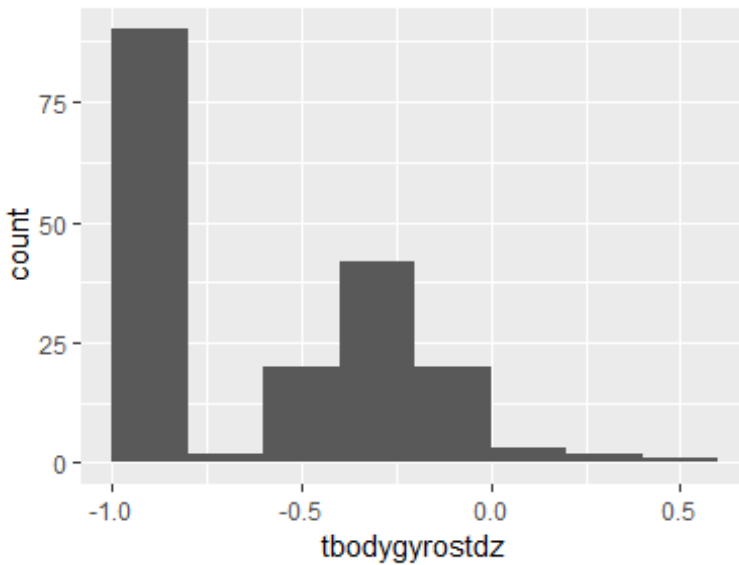
tbodygyrostdy

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



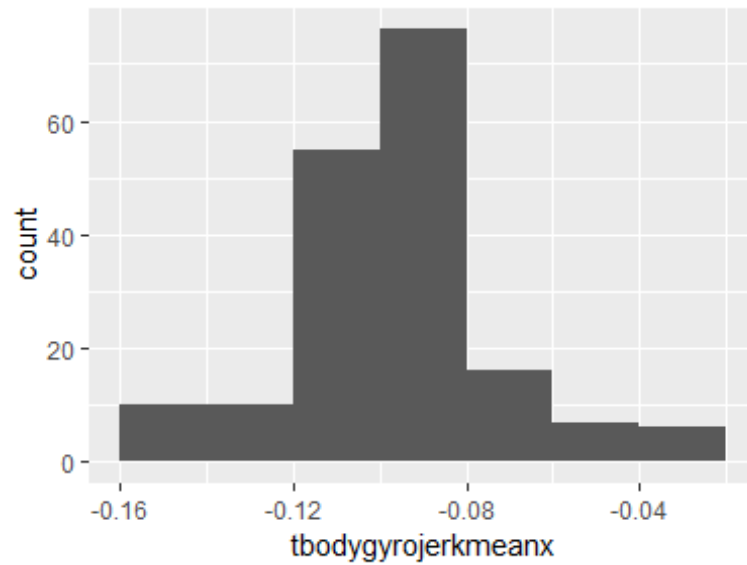
tbodygyrostdz

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



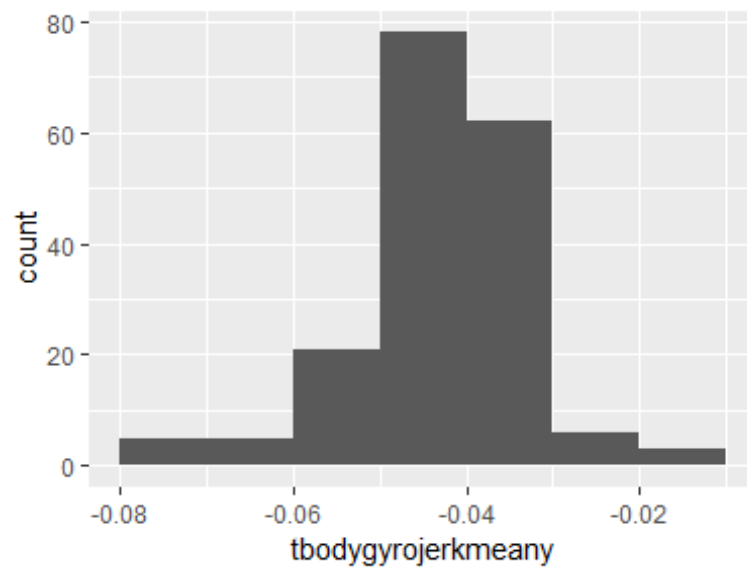
tbodygyrojerkmeanx

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



tbodygyrojerkmeanx

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



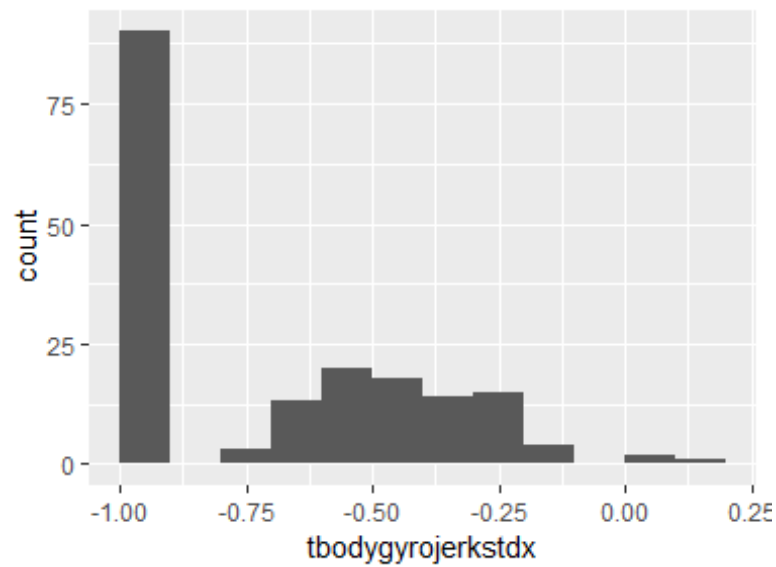
tbodygyrojerkmeanz

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



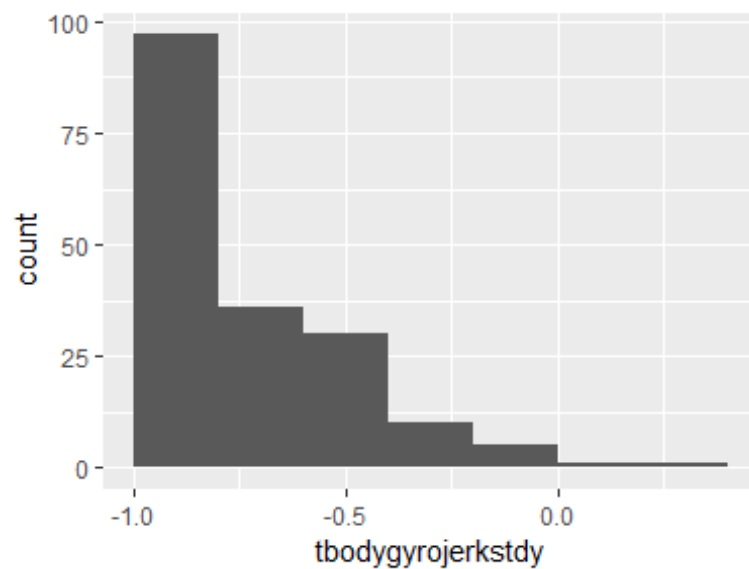
tbodygyrojerkstdx

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



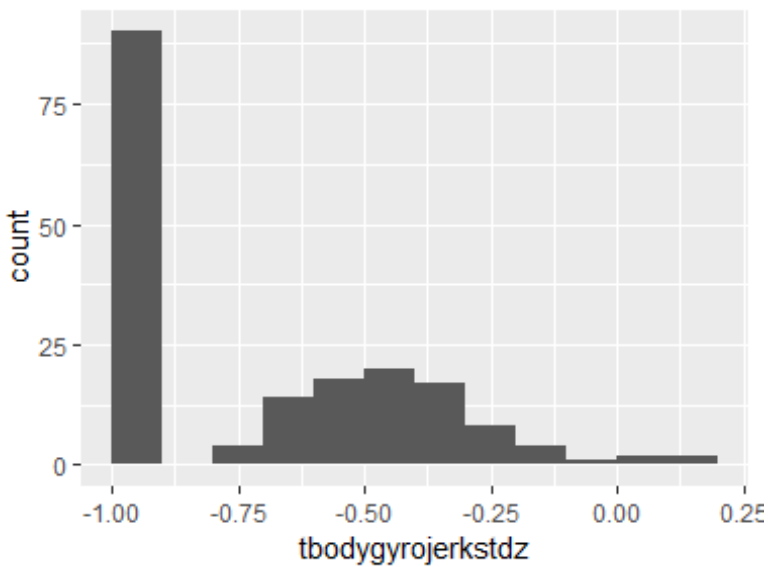
tbodygyrojerkstdy

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



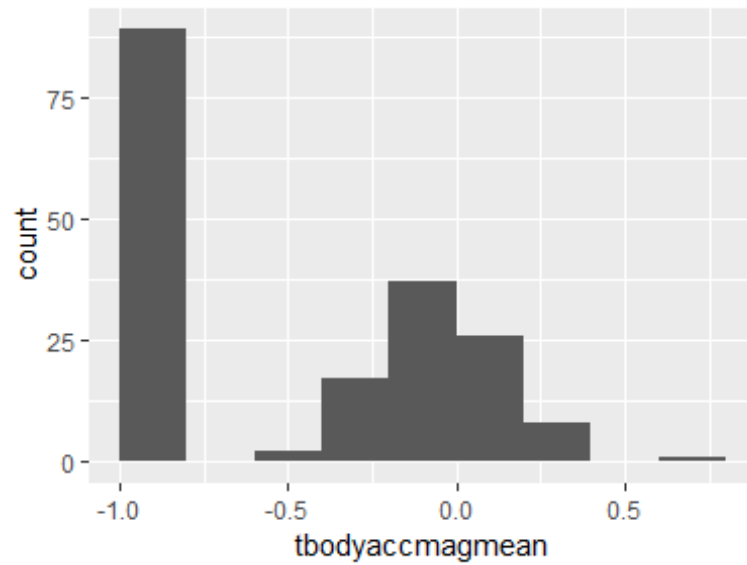
tbodygyrojerkstdz

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



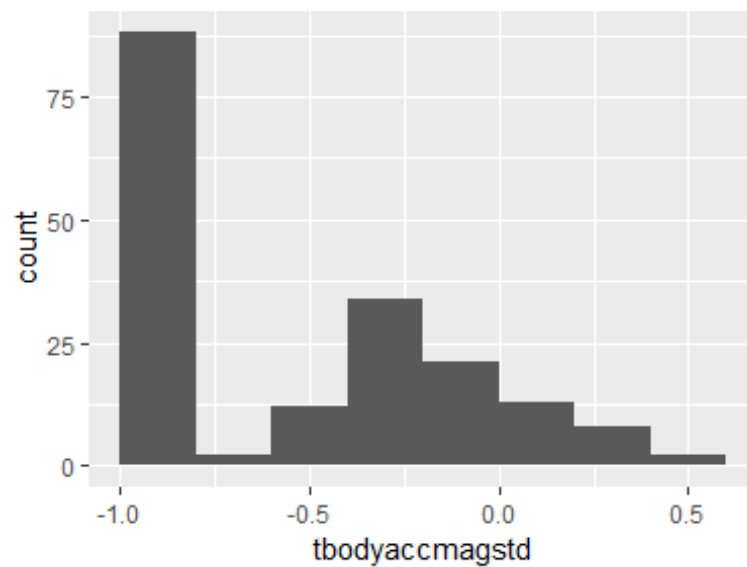
tbodyaccmagmean

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



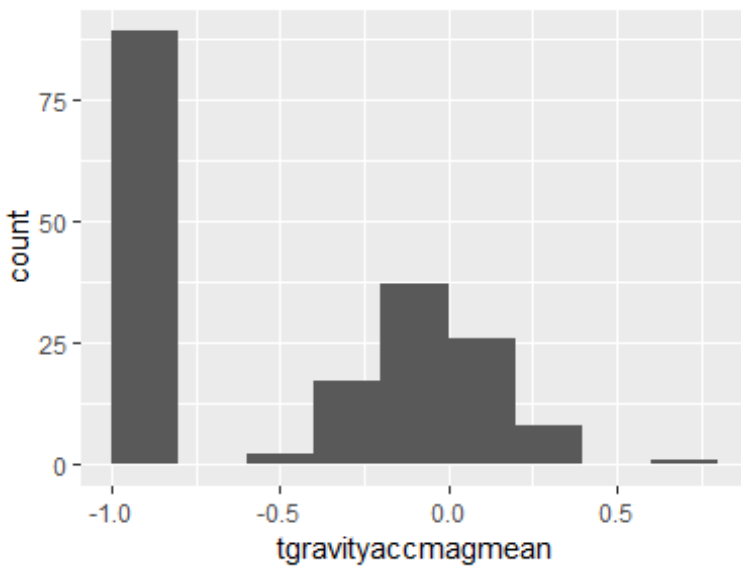
tbodyaccmagstd

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



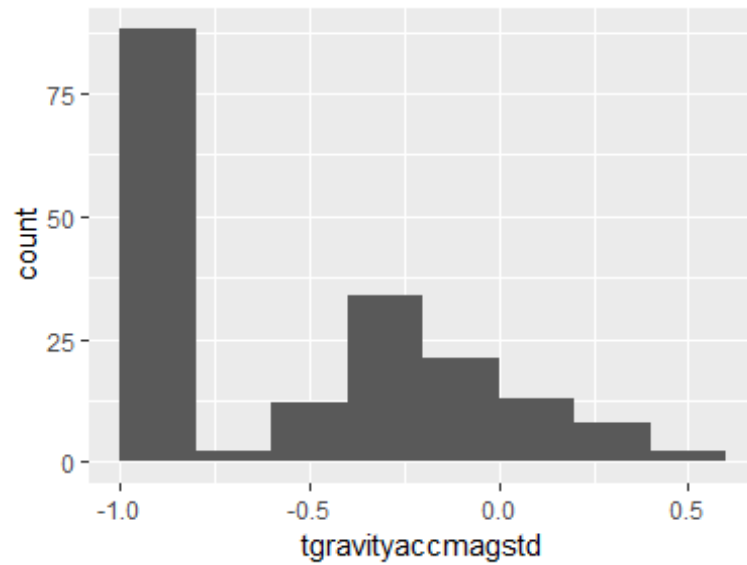
tgravityaccmagmean

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



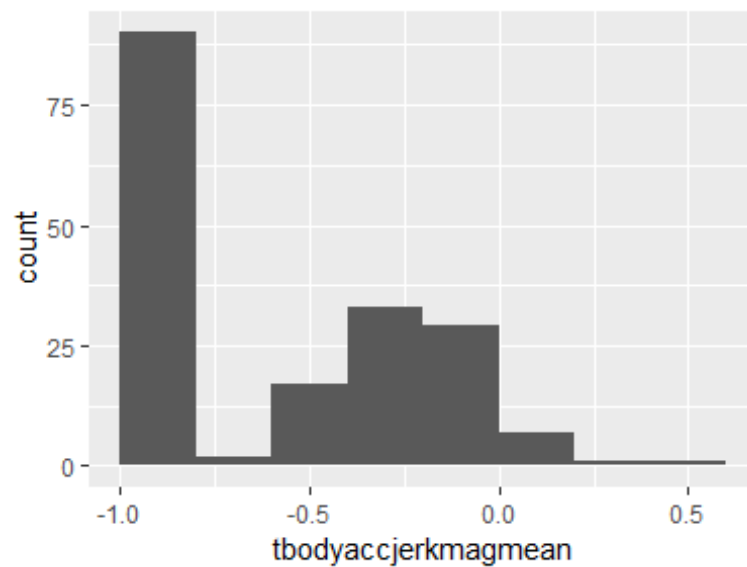
tgravityaccmagstd

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



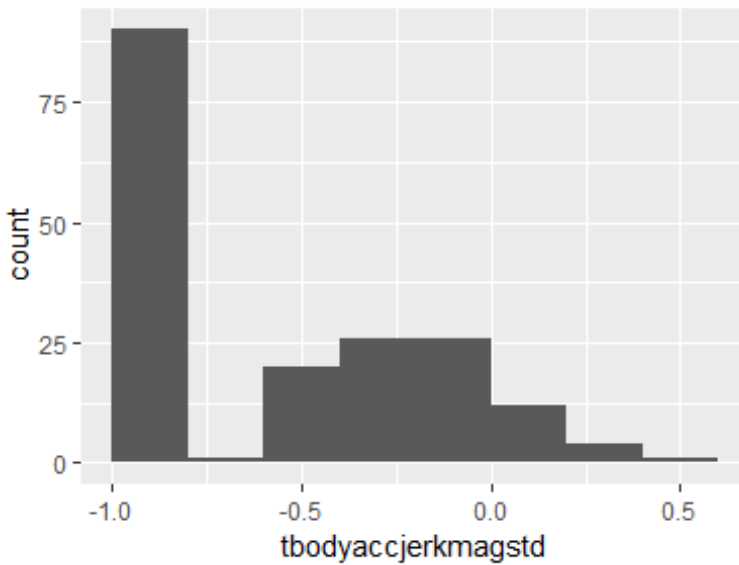
tbodyaccjerkmagmean

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



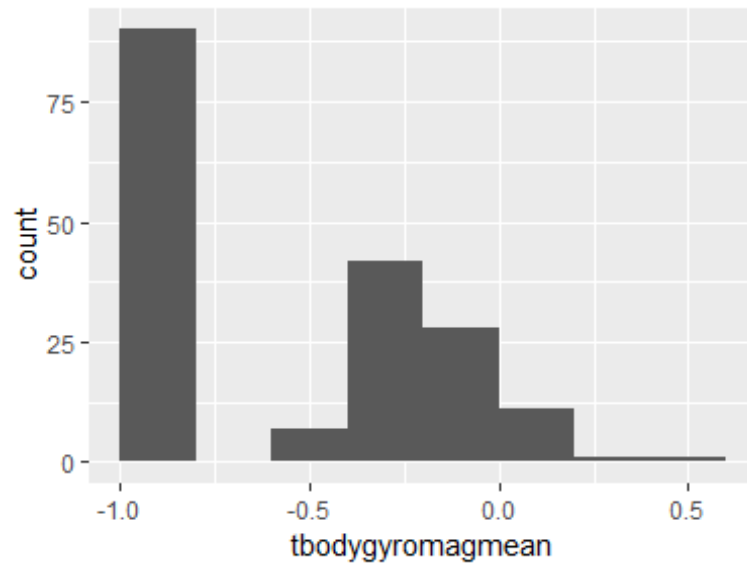
tbodyaccjerkmagstd

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



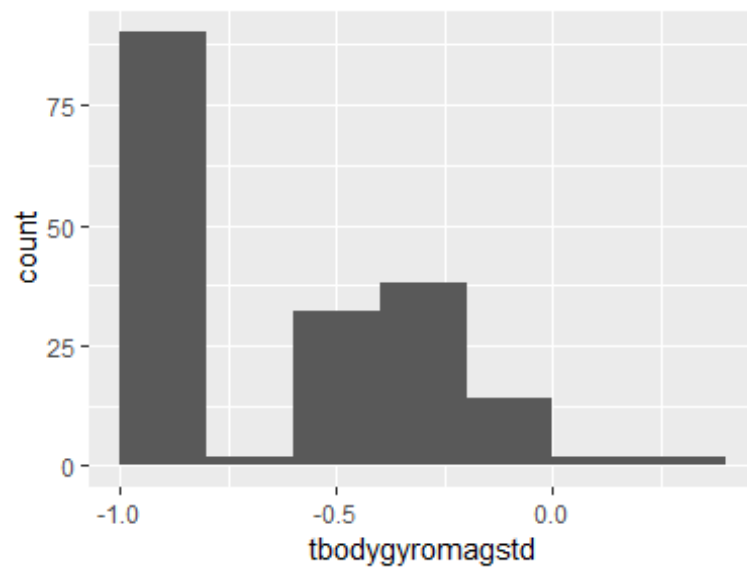
tbodygyromagmean

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



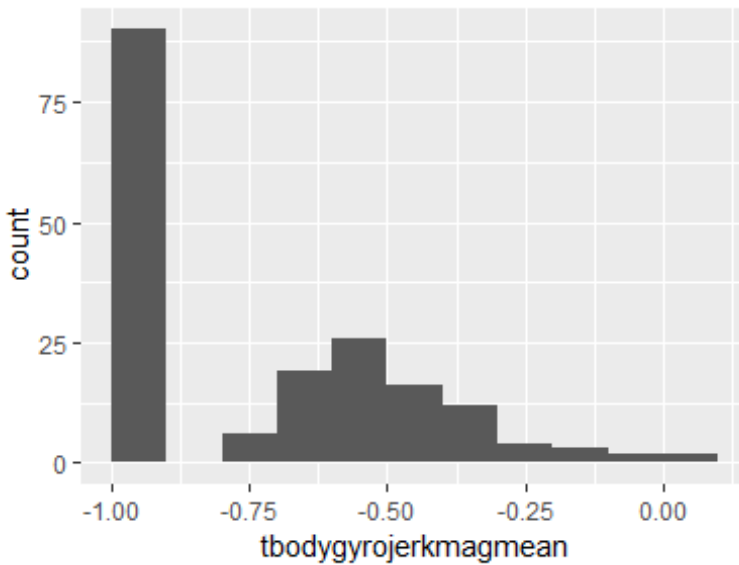
tbodygyromagstd

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



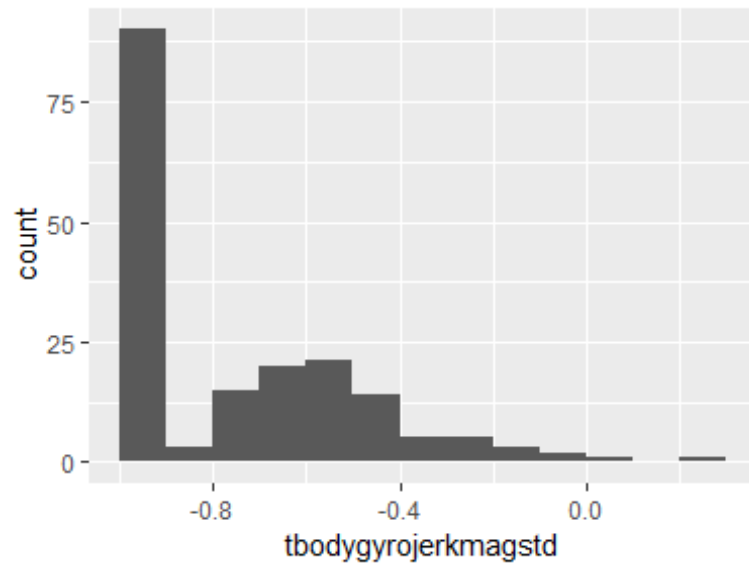
tbodygyrojerkmagmean

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



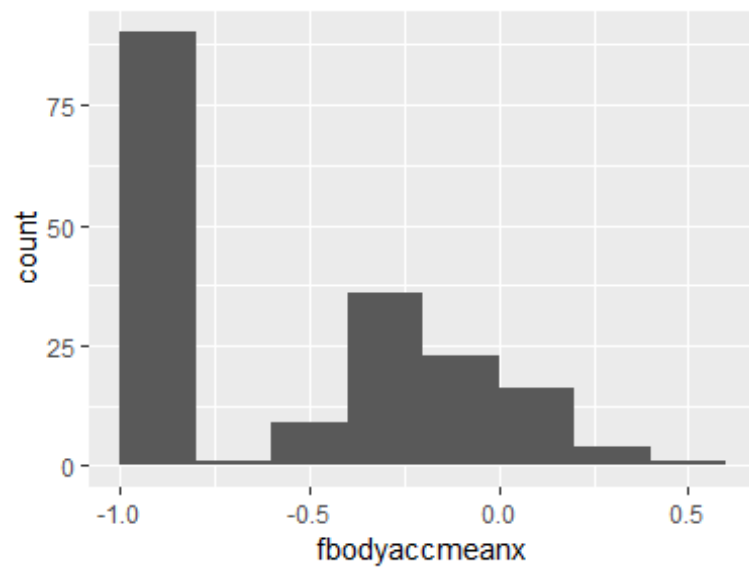
tbodygyrojerkmagstd

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



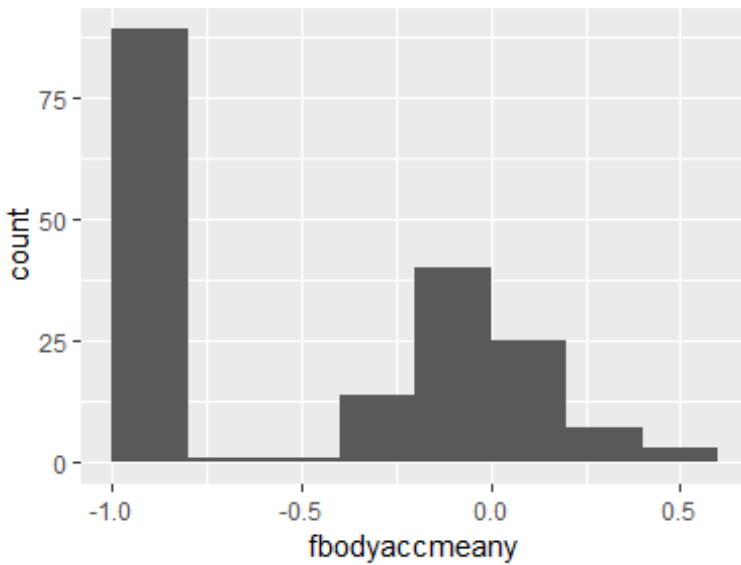
fbodyaccmeanx

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



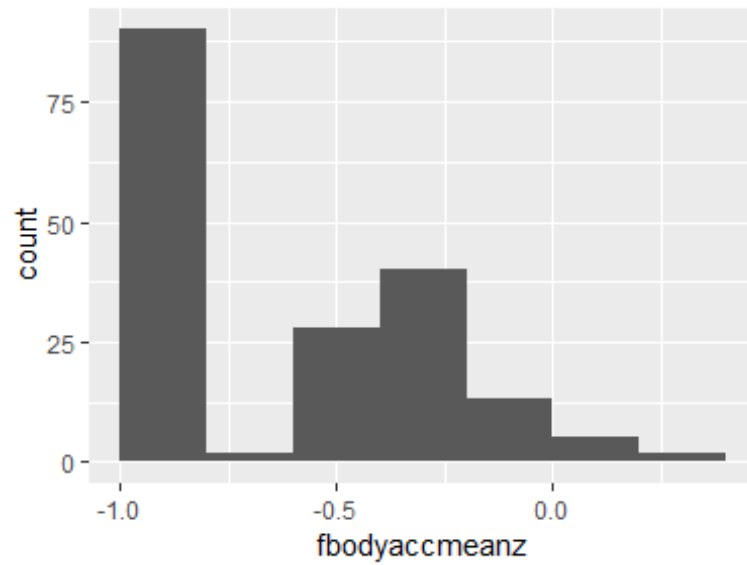
fbodyaccmeany

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



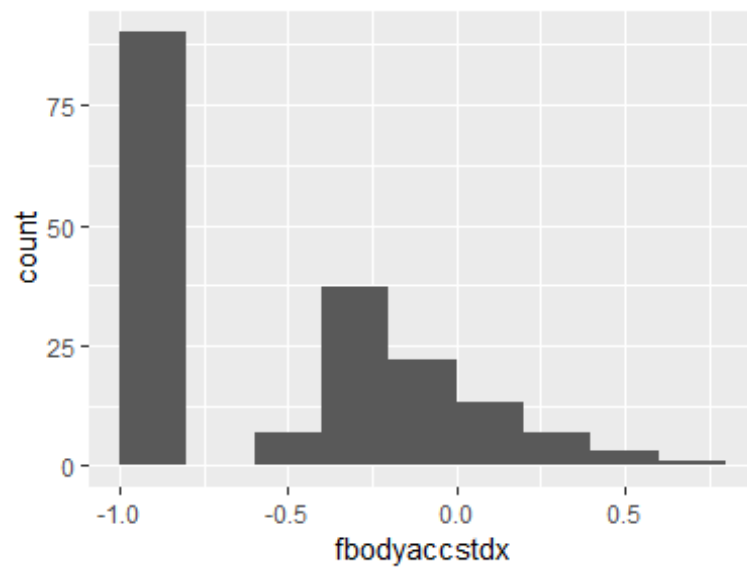
fbodyaccmeanz

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



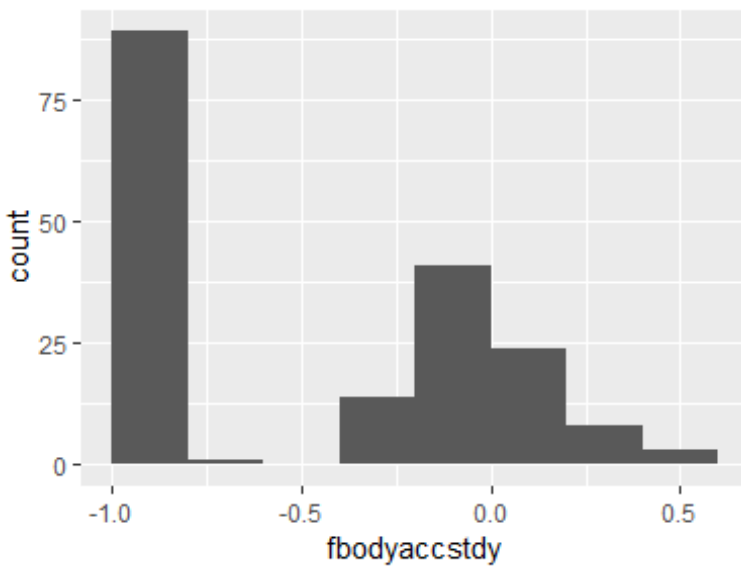
fbodyaccstdx

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



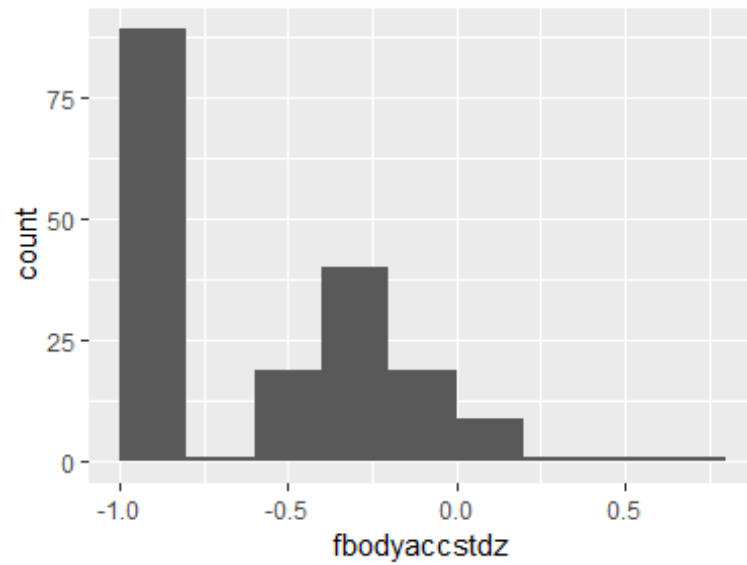
fbodyaccstdy

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



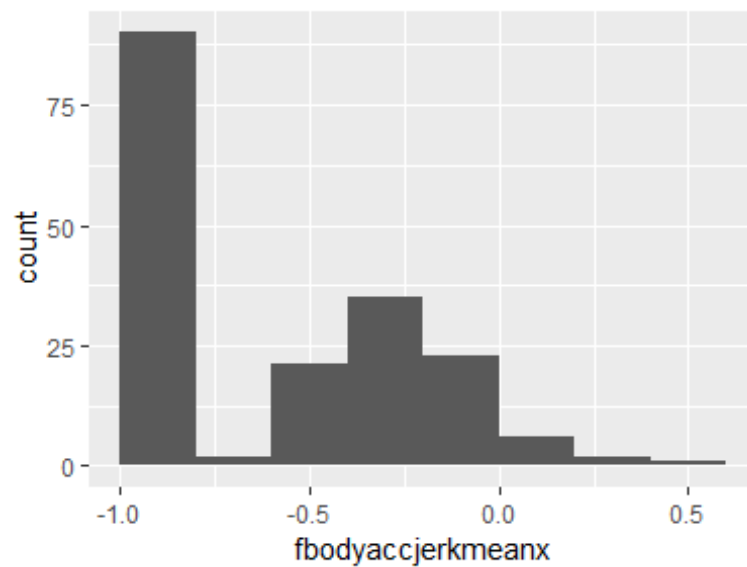
fbodyaccstdz

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



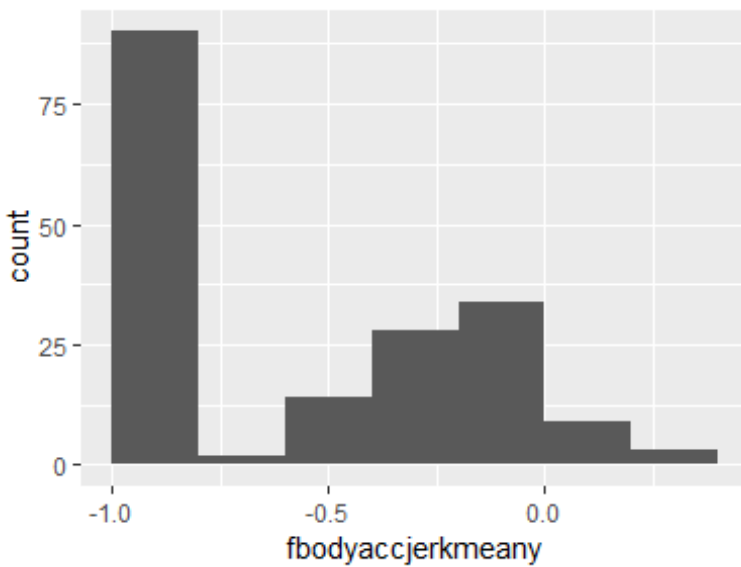
fbodyaccjerkmeanx

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



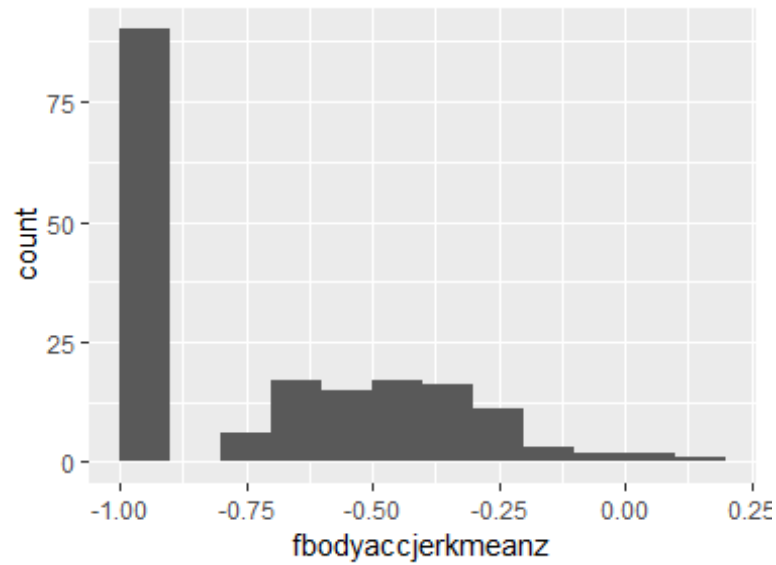
fbodyaccjerkmeany

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



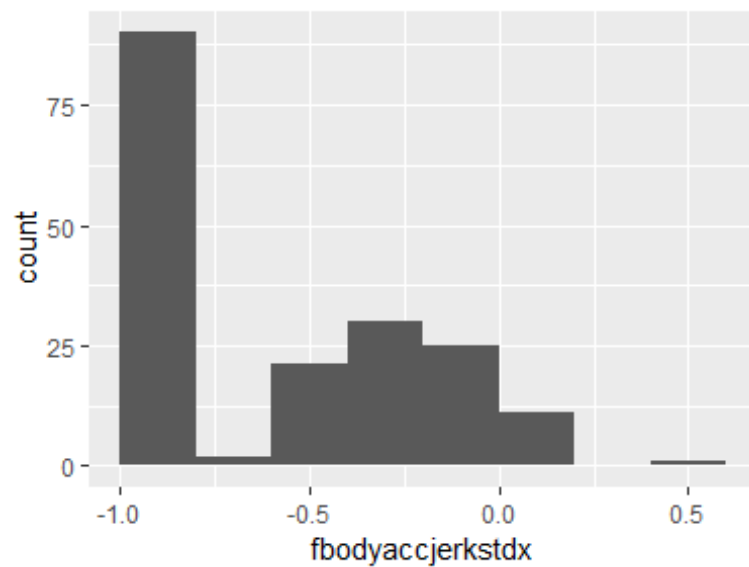
fbodyaccjerkmeanz

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



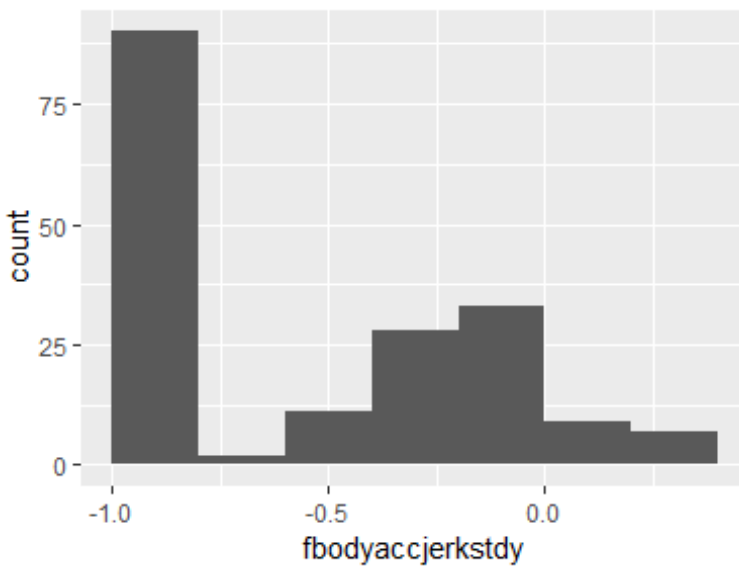
fbodyaccjerkstdx

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



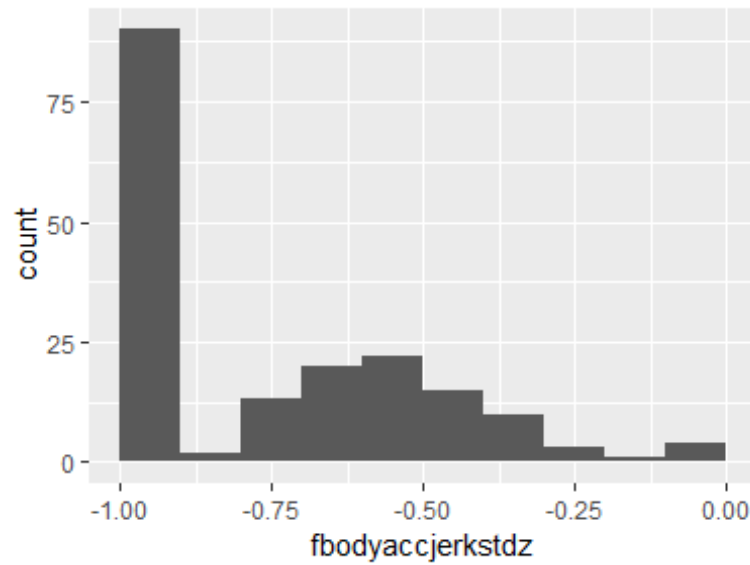
fbodyaccjerkstdy

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



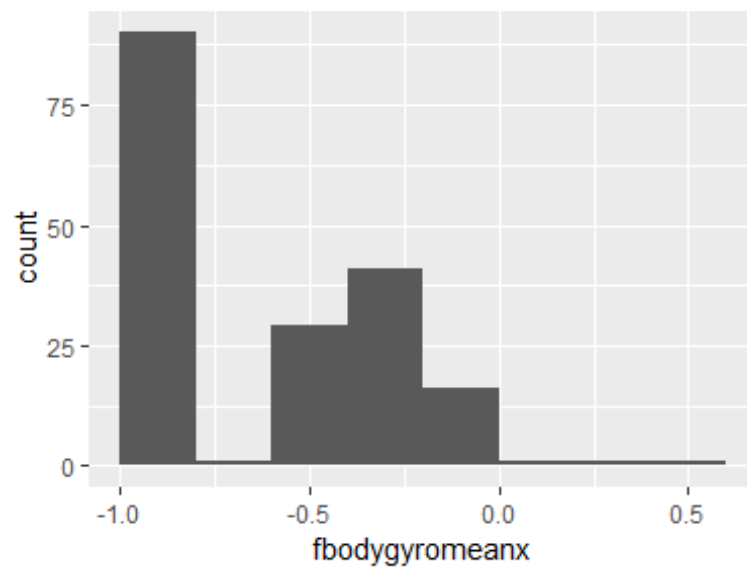
fbodyaccjerkstdz

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



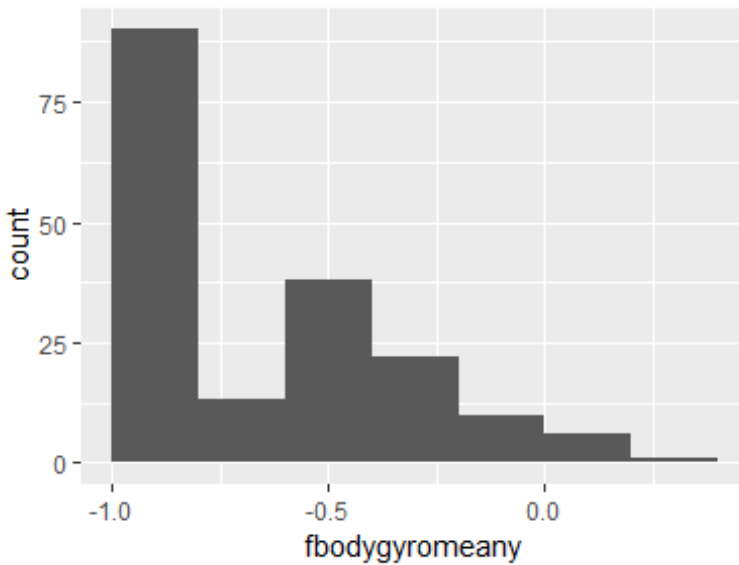
fbodygyromeanx

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



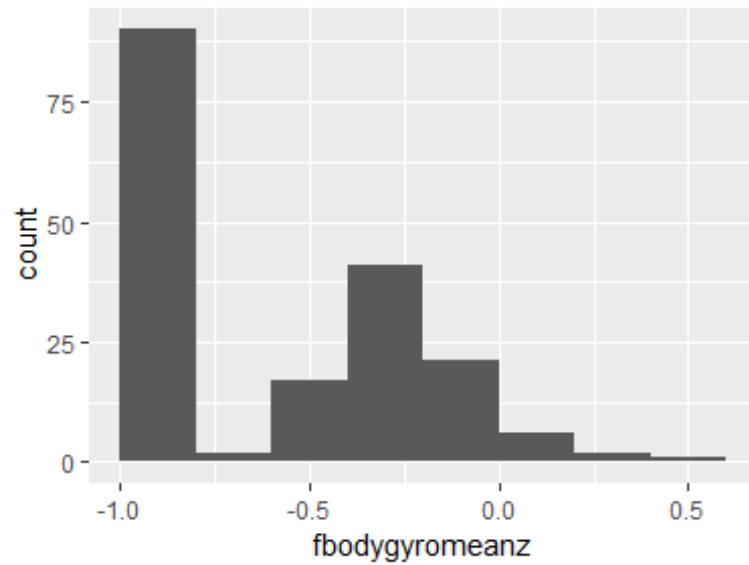
fbodygyromeany

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



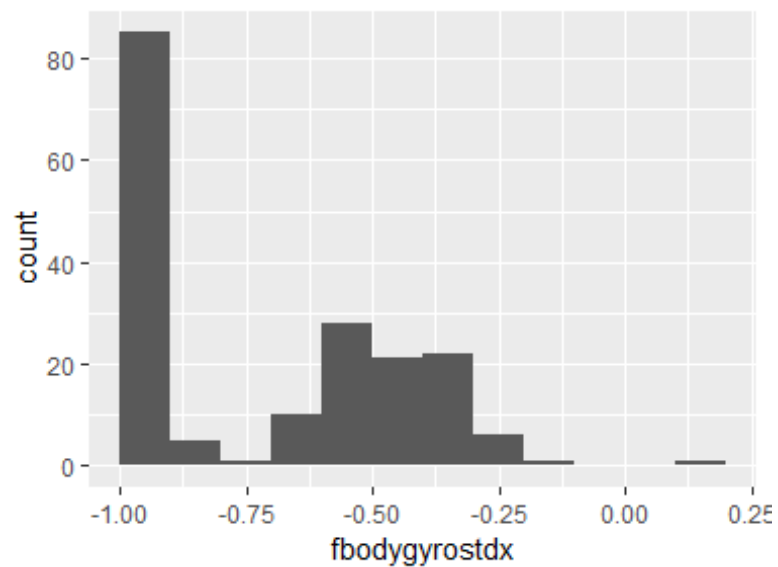
fbodygyromeanz

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



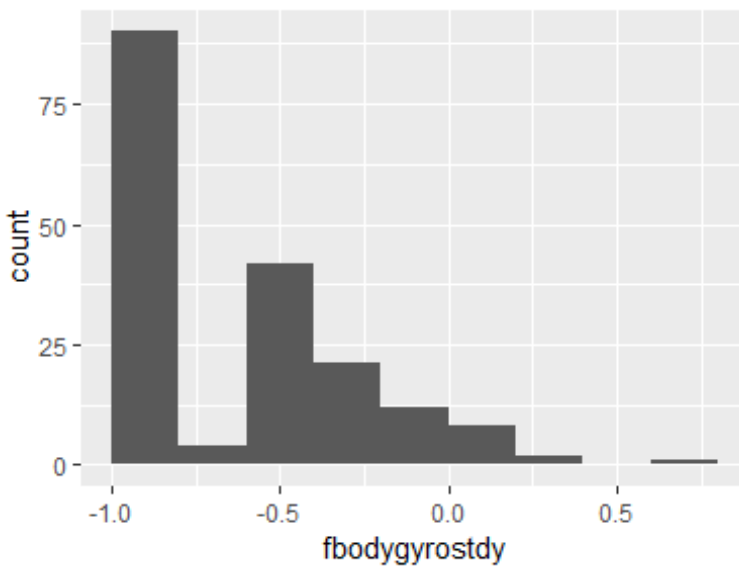
fbodygyrostdx

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



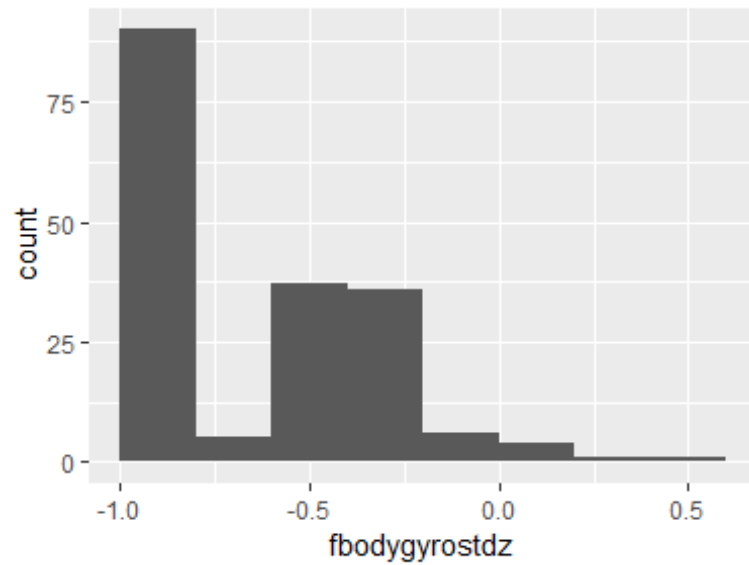
fbodygyrostdy

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



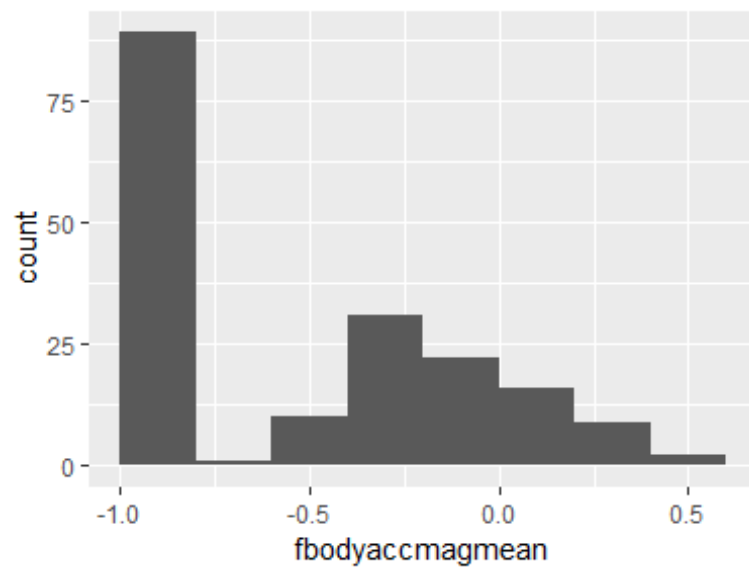
fbodygyrostdz

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



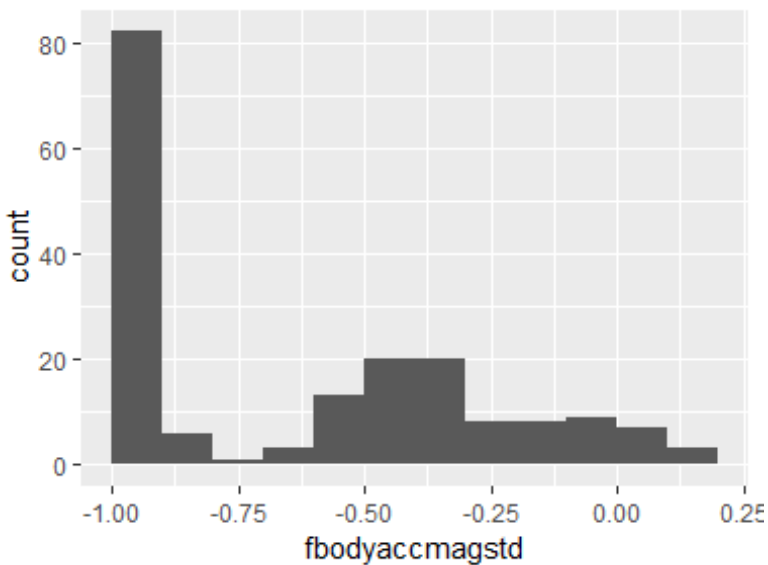
fbodyaccmagmean

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



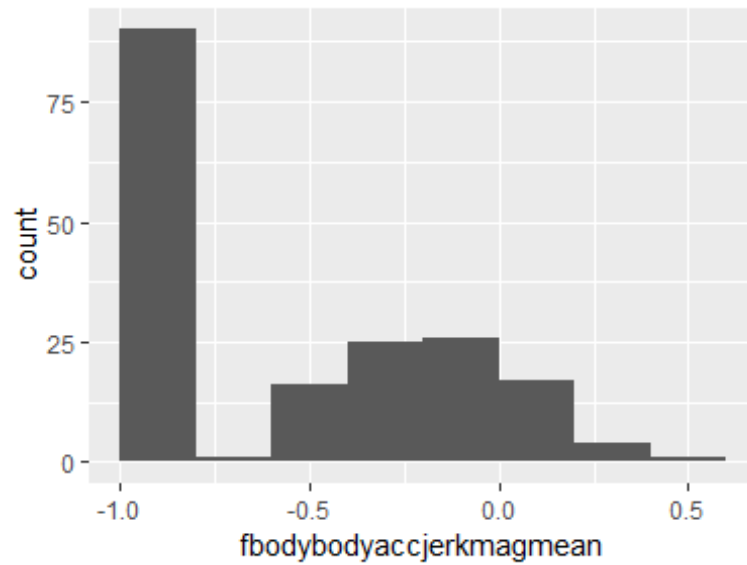
fbodyaccmagstd

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



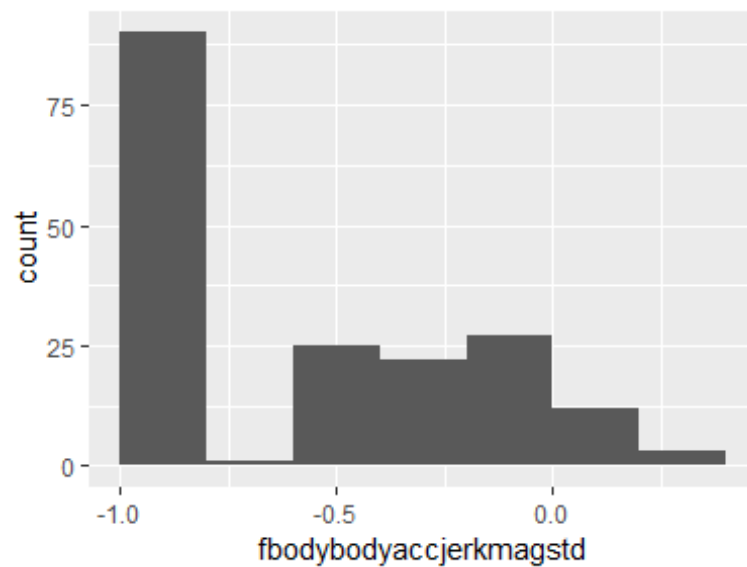
fbodybodyaccjerkmagmean

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



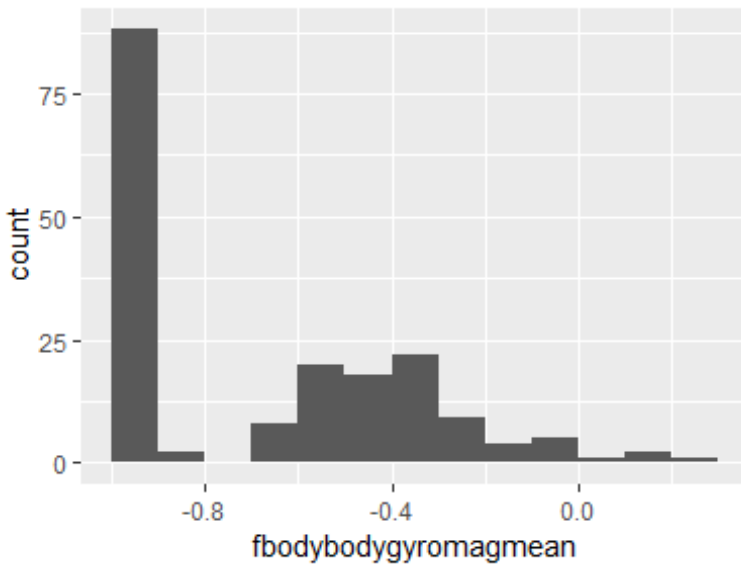
fbodybodyaccjerkmagstd

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



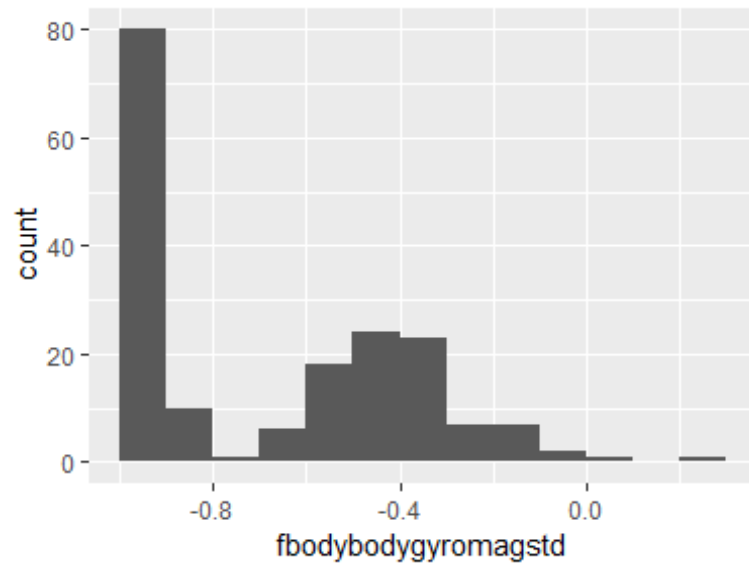
fbodybodygyromagmean

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



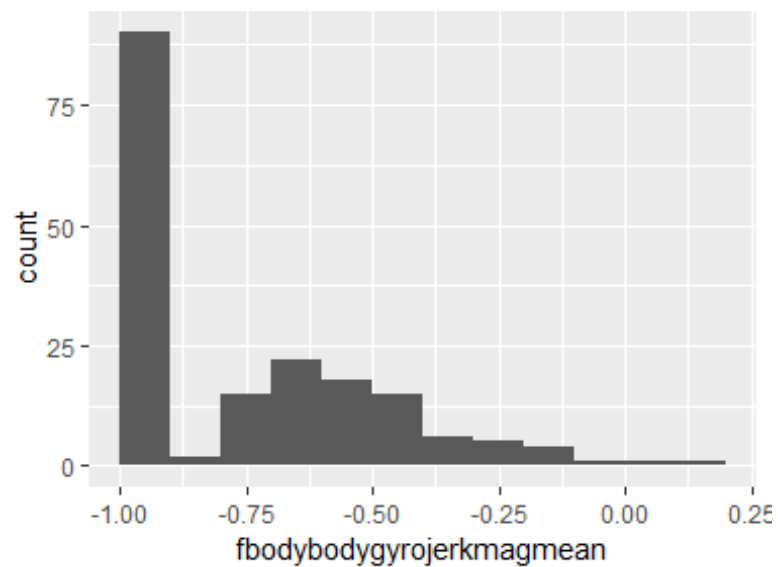
fbodybodygyromagstd

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



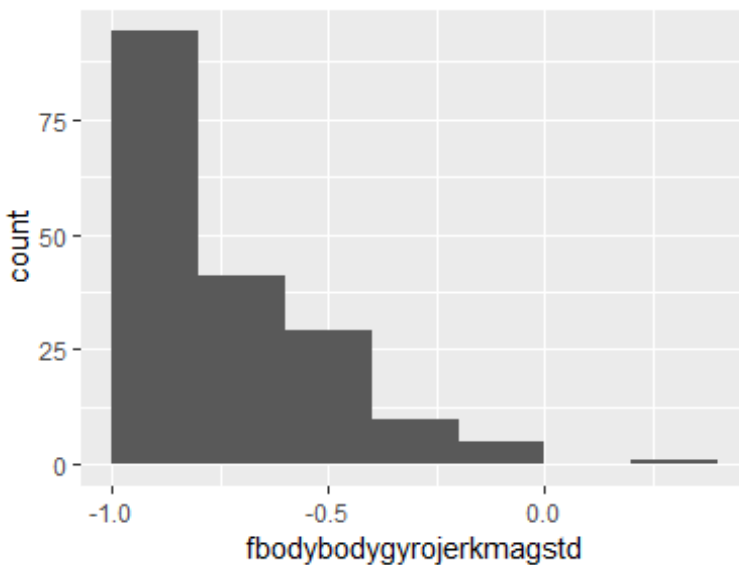
fbodybodygyrojerkmagmean

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



fbodybodygyrojerkmagstd

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 Vishwa Koppiseti (username: Prady).
- Report creation time: Tue Jul 16 2019 21:06:58
- Report was run from directory: C:/Users/prady_000/Documents/Vishwa/MSDA/Tools & Techniques/Homework 4/UCI HAR Dataset
- dataMaid v1.3.1 [Pkg: 2019-07-10 from CRAN (R 3.5.3)]
- R version 3.5.1 (2018-07-02).
- Platform: x86_64-w64-mingw32/x64 (64-bit)(Windows >= 8 x64 (build 9200)).
- Function call: makeDataReport(data = final_tidy, mode = c("summarize", "visualize", "check"), smartNum = FALSE, file = "codebook_final_tidy.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  
final_tidy")
```