# Codebook

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 93
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  95
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  97
 97
  97
  97
               99
99
knitr::opts chunk$set(
warning = TRUE, # show warnings during codebook generation
message = TRUE, # show messages during codebook generation
error = TRUE, # do not interrupt codebook generation in case of errors,
  # usually better for debugging
echo = TRUE # show R code
)
ggplot2::theme_set(ggplot2::theme_bw())
```

Now, we're preparing our data for the codebook.

```
library(codebook)
codebook_data <- read.table("output.txt",header = TRUE)
# to import an SPSS file from the same folder uncomment and edit the line below
# codebook_data <- rio::import("mydata.sav")
# for Stata
# codebook_data <- rio::import("mydata.dta")
# for CSV</pre>
```

```
# codebook_data <- rio::import("mydata.csv")</pre>
# omit the following lines, if your missing values are already properly labelled
codebook_data <- detect_missing(codebook_data,</pre>
    only_labelled = TRUE, # only labelled values are autodetected as
                                    # missing
   negative_values_are_missing = FALSE, # negative values are missing values
   ninety nine problems = TRUE, # 99/999 are missing values, if they
                                    # are more than 5 MAD from the median
   )
# If you are not using formr, the codebook package needs to guess which items
# form a scale. The following line finds item aggregates with names like this:
# scale = scale_1 + scale_2R + scale_3R
# identifying these aggregates allows the codebook function to
# automatically compute reliabilities.
# However, it will not reverse items automatically.
codebook_data <- detect_scales(codebook_data)</pre>
```

Create codebook

```
codebook(codebook_data)
```

## No missing values.

#### Metadata

Description Dataset name: codebook\_data

The dataset has N=180 rows and 88 columns. 180 rows have no missing values on any column.

Metadata for search engines

• Date published: 2020-09-18

#Variables

#### activity

**Distribution** 0 missing values.

#### **Summary statistics**

name	data_type	n_missing	$complete\_rate$	n_unique	empty	min	max	whitespace	label
activity	character	0	1	6	0	6	18	0	NA

#### subjects

**Distribution** 0 missing values.

X
activity
subjects
TimeBodyAccelerometer.meanX
TimeBodyAccelerometer.meanY
TimeBodyAccelerometer.meanZ
TimeGravityAccelerometer.meanX
TimeGravityAccelerometer.meanY
TimeGravityAccelerometer.meanZ
TimeBodyAccelerometerJerk.meanX
TimeBodyAccelerometerJerk.meanY
TimeBodyAccelerometerJerk.meanZ
TimeBodyGyroscope.meanX
TimeBodyGyroscope.meanY
TimeBodyGyroscope.meanZ
TimeBodyGyroscopeJerk.meanX
TimeBodyGyroscopeJerk.meanY
TimeBodyGyroscopeJerk.meanZ
TimeBodyAccelerometerMagnitude.mean
TimeGravityAccelerometerMagnitude.mean
${\it Time Body Accelerometer Jerk Magnitude.} mean$
TimeBodyGyroscopeMagnitude.mean
TimeBodyGyroscopeJerkMagnitude.mean
${\bf Frequency Body Accelerometer.meanX}$
FrequencyBodyAccelerometer.meanY
FrequencyBodyAccelerometer.meanZ
FrequencyBodyAccelerometer.meanFreqX
FrequencyBodyAccelerometer.meanFreqY
FrequencyBodyAccelerometer.meanFreqZ
${\bf Frequency Body Accelerometer Jerk. mean X}$
FrequencyBodyAccelerometerJerk.meanY
Frequency Body Accelerometer Jerk.meanZ
Frequency Body Accelerometer Jerk.mean FreqX
Frequency Body Accelerometer Jerk.mean FreqY
Frequency Body Accelerometer Jerk.mean FreqZ
FrequencyBodyGyroscope.meanX
FrequencyBodyGyroscope.meanY
FrequencyBodyGyroscope.meanZ
${\bf Frequency Body Gyroscope. mean Freq X}$
FrequencyBodyGyroscope.meanFreqY
FrequencyBodyGyroscope.meanFreqZ
FrequencyBodyAccelerometerMagnitude.mean
FrequencyBodyAccelerometerMagnitude.meanFreq
FrequencyBodyAccelerometerJerkMagnitude.mean
FrequencyBodyAccelerometerJerkMagnitude.meanFreq
FrequencyBodyGyroscopeMagnitude.mean
FrequencyBodyGyroscopeMagnitude.meanFreq
FrequencyBodyGyroscopeJerkMagnitude.mean
FrequencyBodyGyroscopeJerkMagnitude.meanFreq
Angle.TimeBodyAccelerometerMean.Gravity.
Angle.TimeBodyAccelerometerJerkMeanGravityMean.
Angle.TimeBodyGyroscopeMean.GravityMean.
Angle.TimeBodyGyroscopeJerkMean.GravityMean.
Angle.X.GravityMean.
Angle.Y.GravityMean. 10
Angle.Z.GravityMean.
TimeBodyAccelerometer.stdX
TimeBodyAccelerometer.stdY

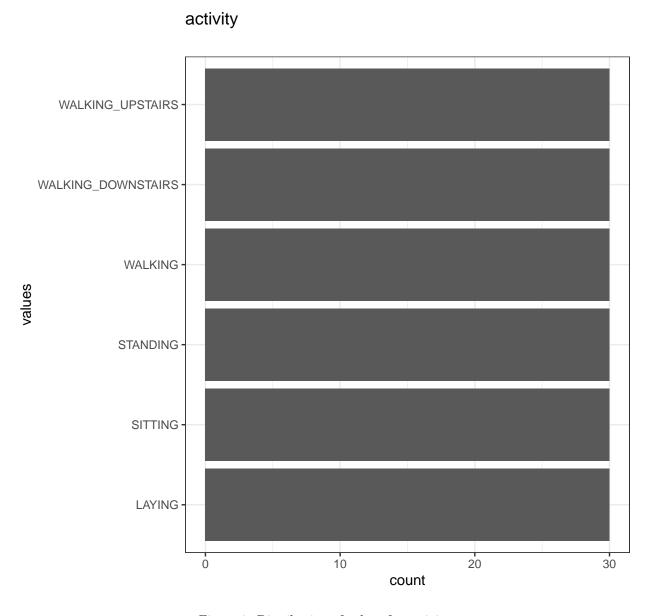


Figure 1: Distribution of values for activity

# subjects

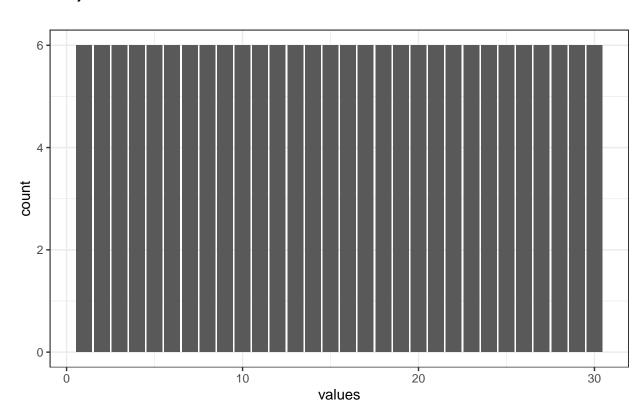


Figure 2: Distribution of values for subjects

### **Summary statistics**

name data_typne	_missingor	${ m mplete}_{-}$	_ration	med	lianmax	mean	sd his	t	label	
subjectsnumeric	0	1	1	16	30	15.5	8.679585 <u< td=""><td>J+2587&gt;</td><td><u+2587><u+25847></u+25847></u+2587></td><td>&lt;U+2587&gt;<math>&lt;</math>U+2</td></u<>	J+2587>	<u+2587><u+25847></u+25847></u+2587>	<U+2587> $<$ U+2

### ${\bf Time Body Accelerometer. mean... X}$

## TimeBodyAccelerometer.mean...X

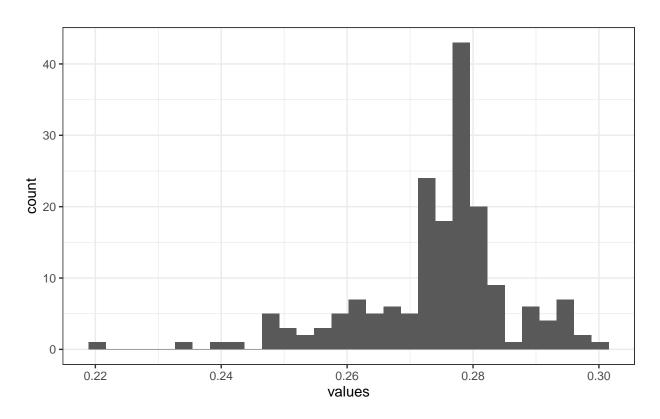


Figure 3: Distribution of values for TimeBodyAccelerometer.mean... $\mathbf{X}$ 

**Distribution** 0 missing values.

#### **Summary statistics**

name	data_type_missing	mplete	_maite medi	amax	mean	$\operatorname{sd}$	hist	label	
TimeBodyAcceler	o <b>metæric</b> ean.QX	1	0.22 0.28	0.3	0.27430207.	0121	646U+2581>	> <u+2581><b>\U\</b>+2582&gt;<u-< td=""><td>+2587</td></u-<></u+2581>	+2587

### ${\bf Time Body Accelerometer.mean...Y}$

**Distribution** 0 missing values.

# ${\it TimeBodyAccelerometer.mean...} Y$

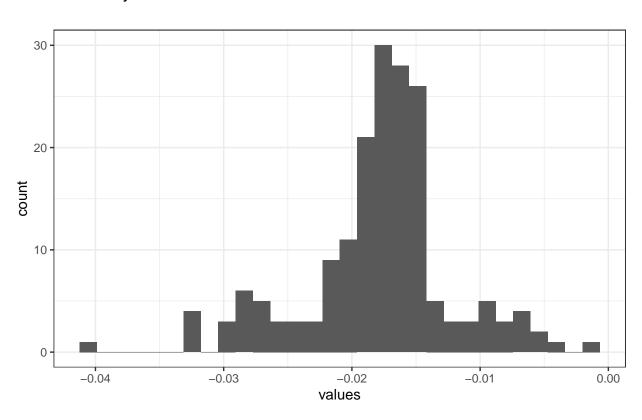
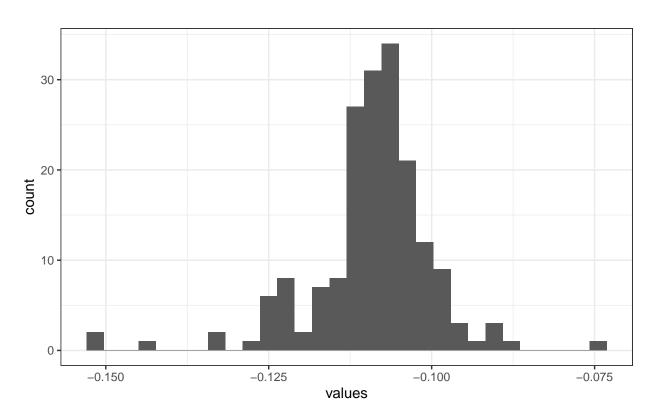


Figure 4: Distribution of values for TimeBodyAccelerometer.mean...Y

name	data_ty <b>p</b> e_missi <b>ng</b> r	nple	te <u>m</u> ia	nte me	$\operatorname{diamax}$	mean	$\operatorname{sd}$	hist	label
TimeBodyAccel	er <b>ometer</b> ionear0Y	1						712U+	-2581 > < U + 2582 > NM + 2587 > < U + 2587
			0.0	$41 \ 0.0$	$17 \ 0.001$	$3\ 0.01787$	755		

#### ${\bf Time Body Accelerometer.mean...Z}$

## TimeBodyAccelerometer.mean...Z



 $\label{thm:prop:sigma:$ 

**Distribution** 0 missing values.

### **Summary statistics**

name	data_type_missingn	$_{ m nplete}$	_maite	medi	amax	mean	$\operatorname{sd}$	hist	label
TimeBodyAcceler	ometæricean.0Z	1	-	-	-	-	0.009	58 <b>2</b> U+2	2581> <u+2581>N/N+2587&gt;<u+258< td=""></u+258<></u+2581>
			0.15	0.11	0.075	0.10916	38		

### ${\bf Time Gravity Accelerometer. mean...X}$

**Distribution** 0 missing values.

# Time Gravity Accelerometer. mean... X

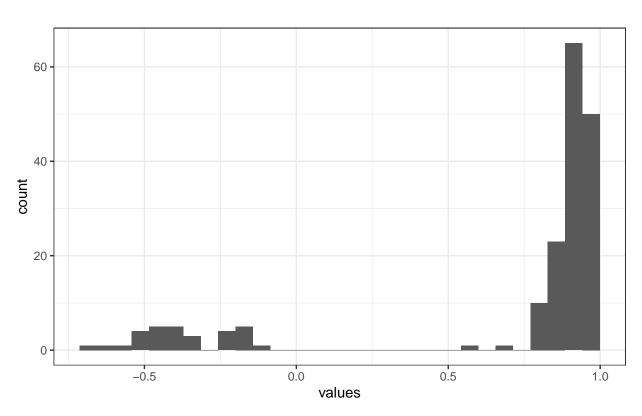


Figure 6: Distribution of values for TimeGravityAccelerometer.mean...X  $\,$ 

name	data_type_missingm	plete	_maite	medi	amax m	ean	$\operatorname{sd}$	hist		label	
TimeGravityAccele	er <b>ometeri</b> cmear0X	1	- 0.68	0.92	0.97 0.6	69747	7548725	534U+	-2581> <u+2581></u+2581>	→ <b>NN</b> +258	1 > < U + 258

### ${\bf Time Gravity Accelerometer. mean...Y}$

## TimeGravityAccelerometer.mean...Y

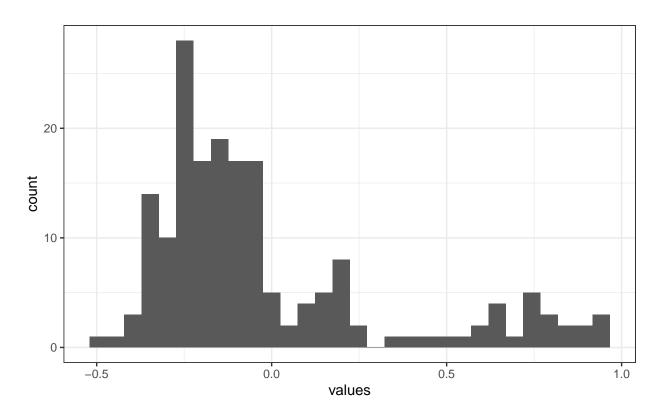


Figure 7: Distribution of values for TimeGravityAccelerometer.mean...Y

**Distribution** 0 missing values.

### **Summary statistics**

name	data_type_missingm	plete	_maite	medi	amax	mean	$\operatorname{sd}$	hist	la	abel	
TimeGravityAccele	er <b>ometeri</b> cmear0Y	1	-	-	0.96	-	0.34523	37 <b>6</b> U+25	587 > < U + 2587 > 8	+2582> <u< td=""><td>+258</td></u<>	+258
			0.48	0.13		0.01621	128				

### ${\bf Time Gravity Accelerometer. mean...Z}$

**Distribution** 0 missing values.

# Time Gravity Accelerometer. mean...Z

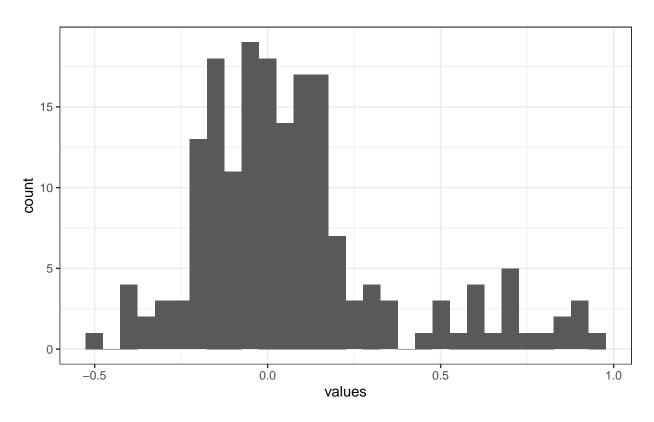


Figure 8: Distribution of values for TimeGravityAccelerometer.mean...Z

name	data_ty <b>p</b> e_missi <b>ng</b> m	plete	maita	e mediamax mean	$\operatorname{sd}$	hist	label
TimeGravityAccele	er <b>omet<del>ci</del>c</b> mear0Z	1	-	0.024 0.96 0.07412709	2887	91 <b>9</b> U+258	2 > <U+2587>NN+2583> <u+2583< td=""></u+2583<>
			0.5				

#### ${\bf Time Body Accelerometer Jerk. mean... X}$

## TimeBodyAccelerometerJerk.mean...X

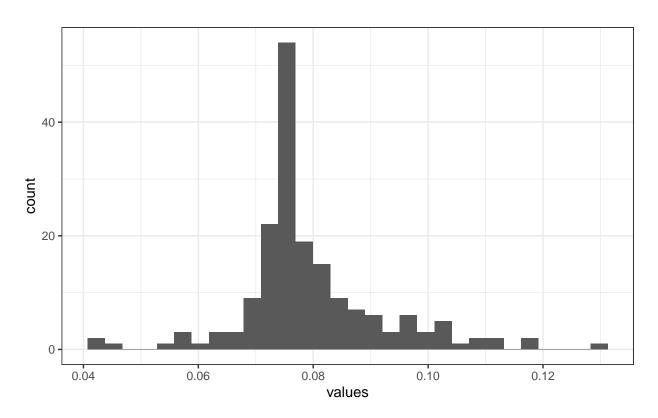


Figure 9: Distribution of values for TimeBodyAccelerometerJerk.mean...X

**Distribution** 0 missing values.

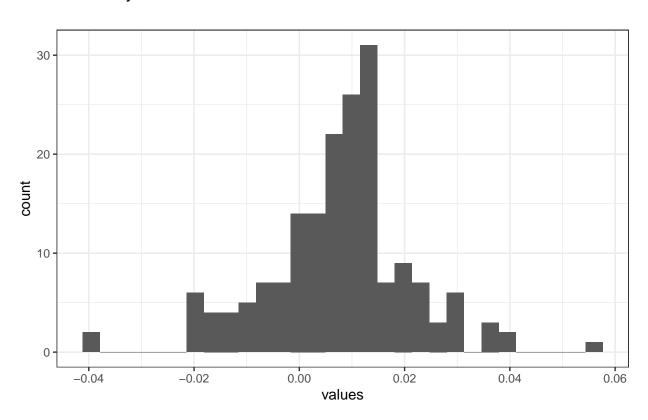
### **Summary statistics**

name	data_type_missingm	plete_n	mite mediamax mean	$\operatorname{sd}$	hist	label
TimeBodyAcceleror	mmetnemeJreick.me@anX	1 (	0.043 0.076 0.13 0.079	47366012	58&U+2581	>< <u>U+2587&gt;NN+2583&gt;&lt;</u> U+2583

### ${\bf Time Body Accelerometer Jerk. mean...Y}$

**Distribution** 0 missing values.

# ${\it TimeBodyAccelerometerJerk.mean...} Y$



Figure~10:~Distribution~of~values~for~TimeBodyAccelerometerJerk.mean...Y

name	data_ty <b>p</b> e_missi <b>ng</b> m	plet	e <u>m</u> niante	mediamax	mean	$\operatorname{sd}$	hist	label
TimeBodyAccel	erom <b>etærek</b> .me@anY	1	-	0.00950.057	0.00756	<b>52</b> 01357	764U+	2581> <u+2583>NN+2587&gt;<u+258< td=""></u+258<></u+2583>
			0.039					

### ${\bf Time Body Accelerometer Jerk. mean...Z}$

## TimeBodyAccelerometerJerk.mean...Z

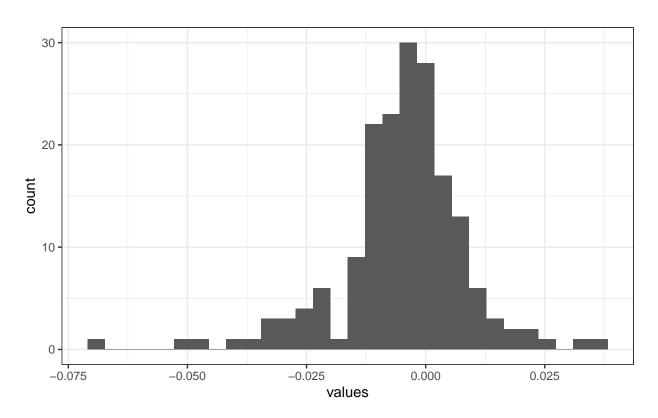


Figure 11: Distribution of values for TimeBodyAccelerometerJerk.mean...Z

**Distribution** 0 missing values.

#### **Summary statistics**

name	data_type_missingn	plet	e <u>m</u> riant	e media	nmax	mean	$\operatorname{sd}$	hist	label	
TimeBodyAccelero	omnetnereleick.me@nZ	1		- 7 0.0039	0.038	0.00495		624U+258	1> <u+2581>NAV+2587&gt;&lt;</u+2581>	<u+258< td=""></u+258<>

### ${\bf Time Body Gyroscope.mean...X}$

**Distribution** 0 missing values.

# ${\it TimeBodyGyroscope.mean...} X$

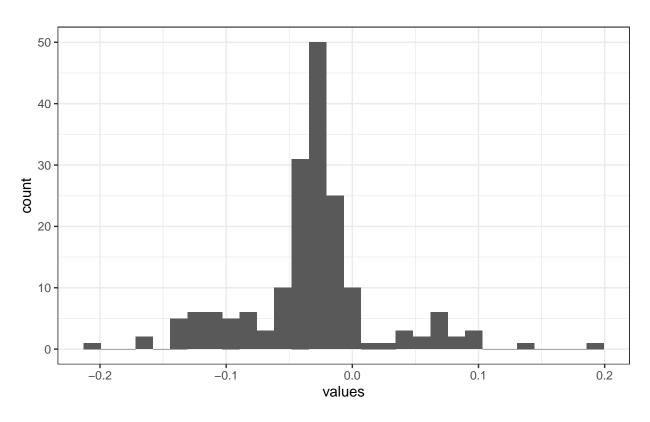


Figure 12: Distribution of values for TimeBodyGyroscope.mean... $\mathbf{X}$ 

name	data_type_missingm	plete	_maite	media	amax	mean	$\operatorname{sd}$	hist	label	
TimeBodyGyro	s <b>copeeric</b> anX	1	-		0.19			51&U+	2581> <u+2582>&lt;<b>\UA</b>+2587&gt;&lt;</u+2582>	(U+2581>
			0.21	0.029		0.03243	372			

### ${\bf Time Body Gyroscope.mean...Y}$

## TimeBodyGyroscope.mean...Y

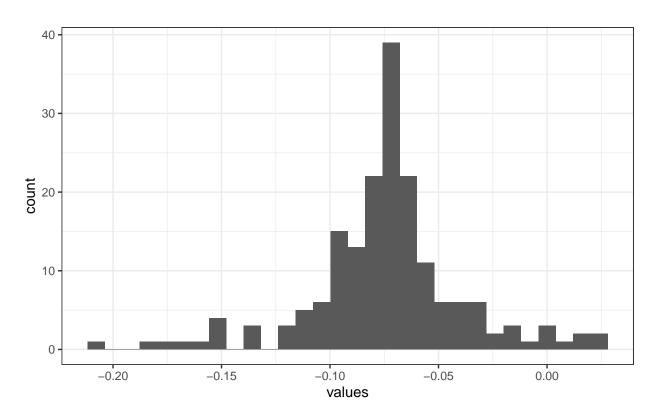


Figure 13: Distribution of values for TimeBodyGyroscope.mean... $\mathbf{Y}$ 

**Distribution** 0 missing values.

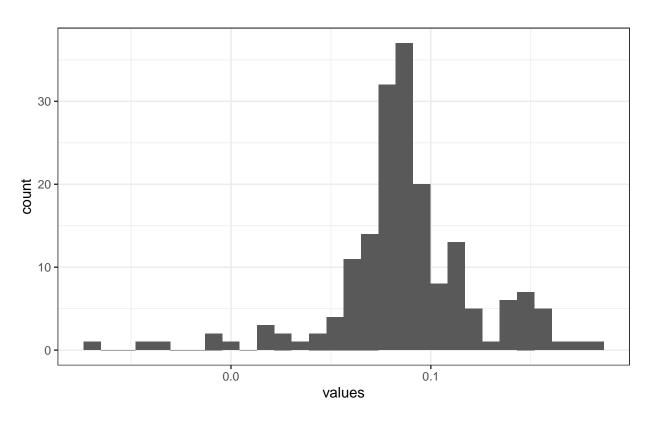
### **Summary statistics**

name	data_type_missingm	plete	_maita	e medi	amax	mean	$\operatorname{sd}$	hist	label	
TimeBodyGyro	os <b>copneric</b> anV	1	-	-	0.027	-	0.0355	41 <b>5</b> U+2	2581> <u+2581><b><va< b="">+25</va<></b></u+2581>	587> <u+2583></u+2583>
			0.2	0.073	}	0.07425	596			

### ${\bf Time Body Gyroscope. mean...Z}$

**Distribution** 0 missing values.

# ${\it TimeBodyGyroscope.mean...Z}$

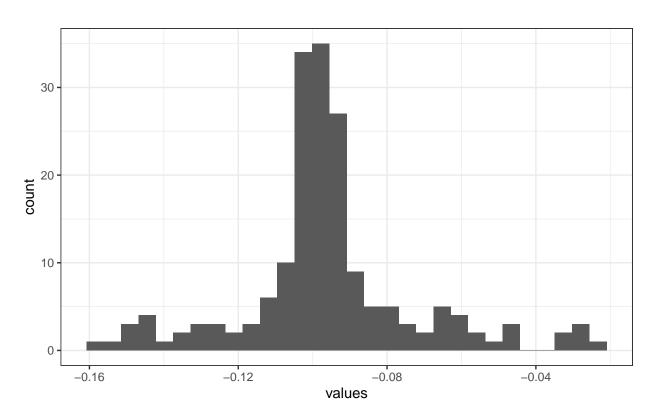


Figure~14:~Distribution~of~values~for~TimeBodyGyroscope.mean...Z

name	$data\_ty \mathbf{p} \underline{e} missi \mathbf{n} \mathbf{g}$	mplete_ <b>_mait</b> e	mediamax mean	$\operatorname{sd}$	hist	label
TimeBody(	Gyros <b>copneric</b> an <b>Z</b> )	1 -	0.085 0.18 0.08744	4660362	125U-	+2581> <u+2581><b>&lt;\U</b>+2583&gt;<u+2587< td=""></u+2587<></u+2581>
		0.072				

### ${\bf Time Body Gyroscope Jerk.mean... X}$

## TimeBodyGyroscopeJerk.mean...X



 $\label{prop:condition} Figure~15:~Distribution~of~values~for~TimeBodyGyroscopeJerk.mean...X$ 

**Distribution** 0 missing values.

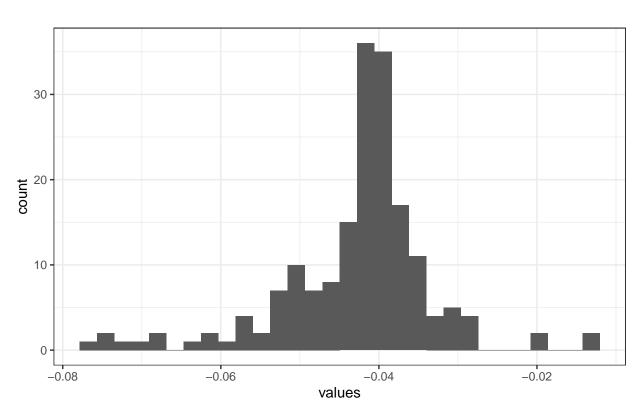
### **Summary statistics**

name	data_type_missingm	plete_mait	e mediamax	mean	sd	hist	label
TimeBodyGyros	scoppederk:meathX	1 -		-	0.0233	45&U+25	81 > <U+2582>NN+2587> $<$ U+2583
		0.10	0.099 0.02	2 0.0960	568		

### ${\bf Time Body Gyroscope Jerk.mean...Y}$

**Distribution** 0 missing values.

# ${\it TimeBodyGyroscopeJerk.mean...} Y$



 $\label{prop:condition} Figure~16:~Distribution~of~values~for~TimeBodyGyroscopeJerk.mean...Y$ 

name	data_ty <b>p</b> e_missi <b>ng</b> m	$plete\_$	maite	medi	amax	mean	$\operatorname{sd}$	hist	label	
TimeBodyGyros	companderkemeathY	1	-	-	-	-	0.009	53 <b>2</b> U+2581>	$\sim <$ U+2582>NN+2587> <u+2< td=""><td>2583</td></u+2<>	2583
			0.077	0.041	0.013	0.04269	928			

### ${\bf Time Body Gyroscope Jerk. mean...Z}$

## TimeBodyGyroscopeJerk.mean...Z

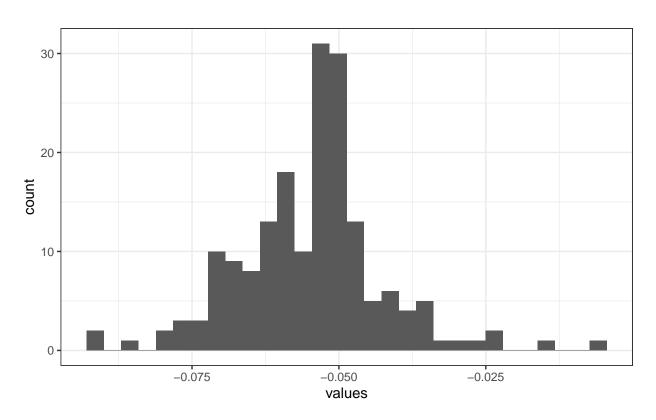


Figure 17: Distribution of values for TimeBodyGyroscopeJerk.mean...Z

**Distribution** 0 missing values.

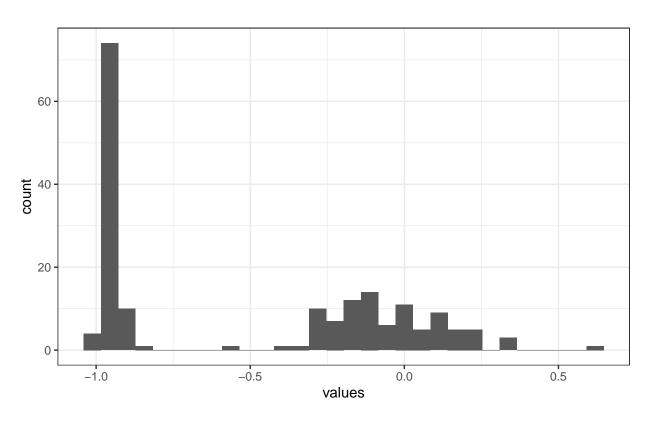
### **Summary statistics**

name	data_type_missingm	plete_ <b>mait</b> a	e mediamax	mean	$\operatorname{sd}$	hist	label
TimeBodyGyr	rosc <b>opederic</b> mea <b>1</b> Z	-				347U+	2581> <u+2585>NN+2587&gt;<u+2581< td=""></u+2581<></u+2585>
		0.09	$02 \ 0.053 \ 0.00$	69 0.0548	019		

### ${\bf Time Body Accelerometer Magnitude. mean..}$

**Distribution** 0 missing values.

# ${\bf Time Body Accelerometer Magnitude. mean.}.$

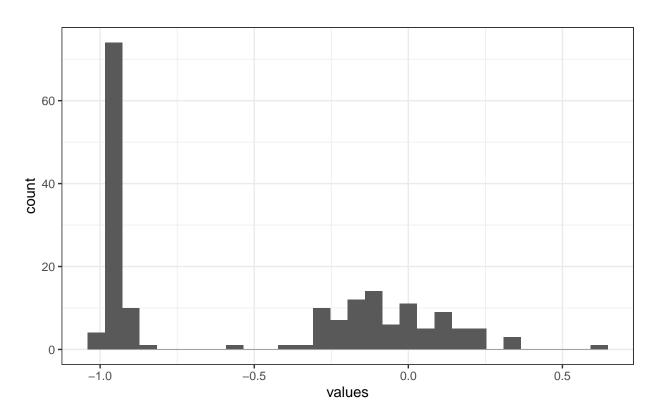


Figure~18:~Distribution~of~values~for~Time Body Accelerometer Magnitude.mean..

name	data_type_missingmplet	e <u>m</u> nianto	e medi	amax mean	$\operatorname{sd}$	hist	label
TimeBodyAcceleror	-	-	0.64 -	0.4728	834U+2	2587><U+ $2581>$ NN $+2585><$ U+ $258$	
		0.99	0.48	0.4972	897		

#### ${\bf Time Gravity Accelerometer Magnitude. mean..}$

## TimeGravityAccelerometerMagnitude.mean..



 $Figure\ 19:\ Distribution\ of\ values\ for\ Time Gravity Accelerometer Magnitude.mean..$ 

**Distribution** 0 missing values.

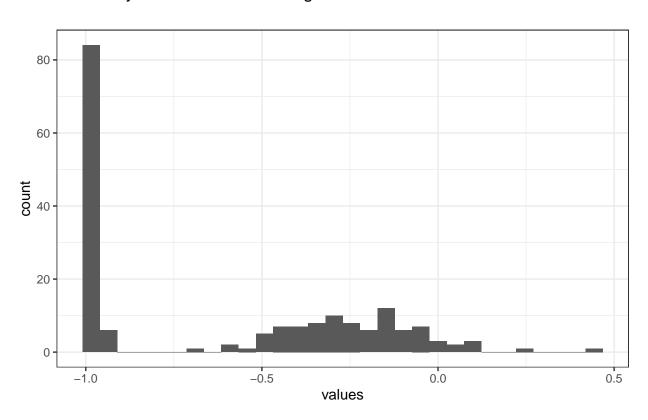
#### **Summary statistics**

name	data_twpemissingnplete_miant	e medi	iamax	mean	sd	hist	label
TimeGravityAccele	eron <b>nenewa</b> gnOtude.mean	-	0.64	_	0.4728	88 <b>34</b> J+2	2587> <u+25813v4u+2585><u+2585< td=""></u+2585<></u+25813v4u+2585>
	0.99	0.48		0.49728	897		

### ${\bf Time Body Accelerometer Jerk Magnitude. mean..}$

**Distribution** 0 missing values.

## $\label{thm:continuous} Time Body Accelerometer Jerk Magnitude. mean..$

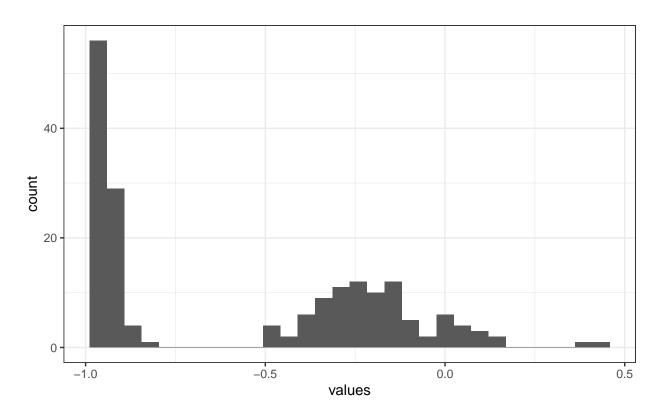


 $\label{prop:prop:section} \mbox{Figure 20: Distribution of values for TimeBodyAccelerometerJerkMagnitude.mean.}.$ 

name	data_typemissingnplete_miant	e medi	amax	mean	$\operatorname{sd}$	hist	label
TimeBodyAccelerome	tenderkolktagtitude.metan	-	0.43	-	0.396	52 <b>71</b> U+2	2587> <u+25823v4u+2585><u+258< td=""></u+258<></u+25823v4u+2585>
	0.99	0.82		0.60792	296		

### ${\bf Time Body Gyroscope Magnitude. mean..}$

## TimeBodyGyroscopeMagnitude.mean..



 $\label{prop:condition} \mbox{Figure 21: Distribution of values for TimeBodyGyroscopeMagnitude.mean.}.$ 

**Distribution** 0 missing values.

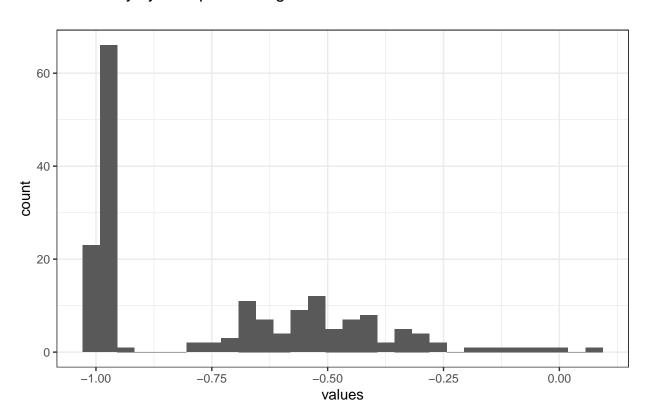
#### **Summary statistics**

name	data_type_missingmp	olete	_maite	medi	amax	mean	$\operatorname{sd}$	hist	label
TimeBodyGyrosco	p <b>eMagnii</b> tude.@nean	1	-	-	0.42	-	0.3977	33 <b>&amp;</b> U+25	587><U+ $2581>$ NN+ $2585><$ U+ $258$
			0.98	0.66		0.56516	631		

### ${\bf Time Body Gyroscope Jerk Magnitude. mean..}$

**Distribution** 0 missing values.

## ${\it Time Body Gyroscope Jerk Magnitude.} mean..$



 $\label{prop:prop:sigma:prop:sig$ 

name	data_type_missingmplet	e <u>m</u> ia	ntemedi	amax	mean	$\operatorname{sd}$	hist	label
TimeBodyGyroscop	e <b>JerkMa</b> gnitude.mean.1	-1	-	0.088	-	0.2767	544U+2	2587 > <U+ $2583 >$ NN+ $2583 > <$ U+ $258$
			0.86		0.73636	693		

#### ${\bf Frequency Body Accelerometer. mean... X}$

## FrequencyBodyAccelerometer.mean...X

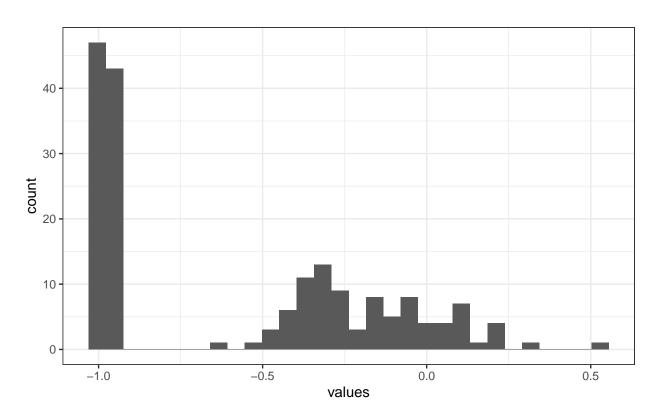


Figure 23: Distribution of values for FrequencyBodyAccelerometer.mean...X

**Distribution** 0 missing values.

### **Summary statistics**

name	data_ty <b>p</b> e_missi <b>ng</b> m	plete	_mait	e medi	amax	mean	sd	hist	label
FrequencyBodyAcce	el <b>enomentie</b> r.me�nX	1	-1	-	0.54	-	0.4300	21 <b>4</b> U⊣	$\overline{-2587} > <$ U $+2581 >$ M $+2583 > <$ U $+258$
				0.77		0.5758			

### ${\bf Frequency Body Accelerometer. mean... Y}$

**Distribution** 0 missing values.

# ${\bf Frequency Body Accelerometer. mean... Y}$

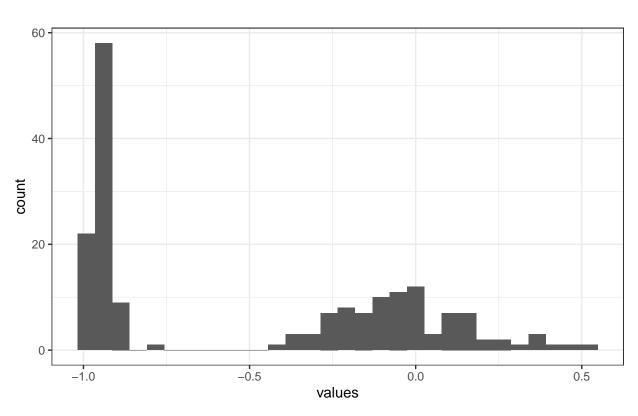


Figure 24: Distribution of values for FrequencyBodyAccelerometer.mean...Y

name	data_ty <b>p</b> e_missi <b>ng</b> m	e <u>m</u> nianto	e medi	amax mea	n s	$\operatorname{sd}$	hist		label		
FrequencyBodyAcce	el <b>enometic</b> r.me�nY	1	-	-	0.52	- 0.48	3064	96U+2587>	> <u+2581< td=""><td>&gt;N/N/+2583</td><td>&gt;&lt;U<math>+258</math></td></u+2581<>	>N/N/+2583	><U $+258$
			0.99	0.59	0.48	887327					

#### ${\bf Frequency Body Accelerometer.mean...Z}$

## Frequency Body Accelerometer. mean...Z

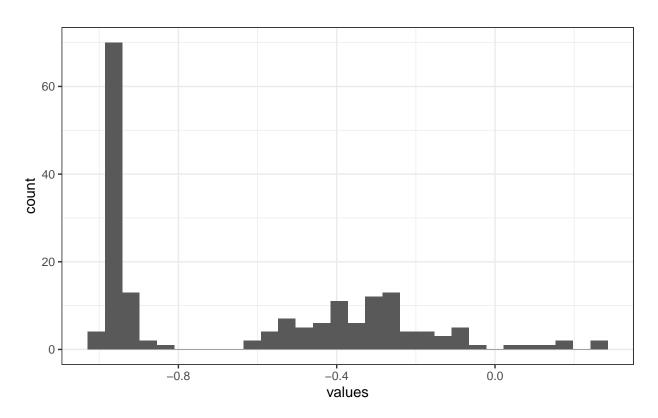


Figure 25: Distribution of values for FrequencyBodyAccelerometer.mean...Z

**Distribution** 0 missing values.

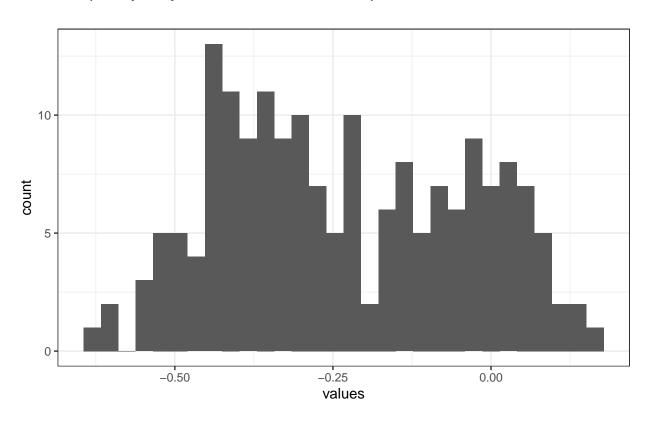
#### **Summary statistics**

name	data_type_missingr	nplet	e <u>m</u> rianto	e medi	amax	mean	sd	hist	labe	el
FrequencyBodyAcc	el <b>enomentie</b> r.me <b>l</b> nZ	1			0.28			46 <b>9</b> U+25	587> <u+2582>NN</u+2582>	+2585 > < U + 258
			0.99	0.72		0.62973	388			

### ${\bf Frequency Body Accelerometer. mean Freq...X}$

**Distribution** 0 missing values.

# Frequency Body Accelerometer. mean Freq... X



 $\label{prop:sigma:eq:continuous} Figure~26:~Distribution~of~values~for~FrequencyBodyAccelerometer.meanFreq...X$ 

name data_typemissingnplet	e <u>m</u> riant	$\operatorname{sd}$	hist	label				
FrequencyBodyAccelerometric.m@anFreqX	requencyBodyAccele <b>rometric</b> :m <b>@</b> anFreqX 0.16 -							
	0.64	661						

#### ${\bf Frequency Body Accelerometer. mean Freq...Y}$

## FrequencyBodyAccelerometer.meanFreq...Y

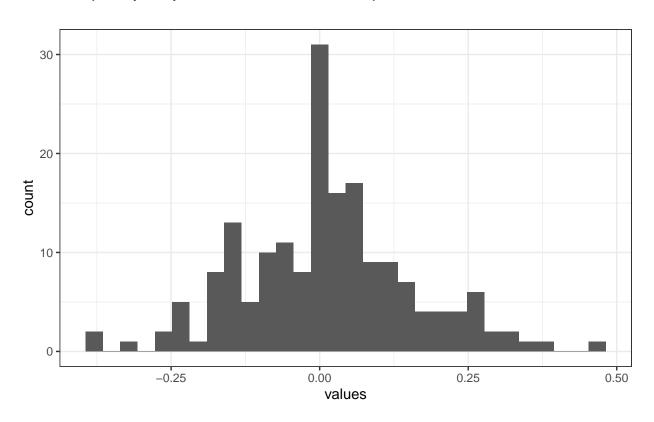


Figure 27: Distribution of values for FrequencyBodyAccelerometer.meanFreq...Y

**Distribution** 0 missing values.

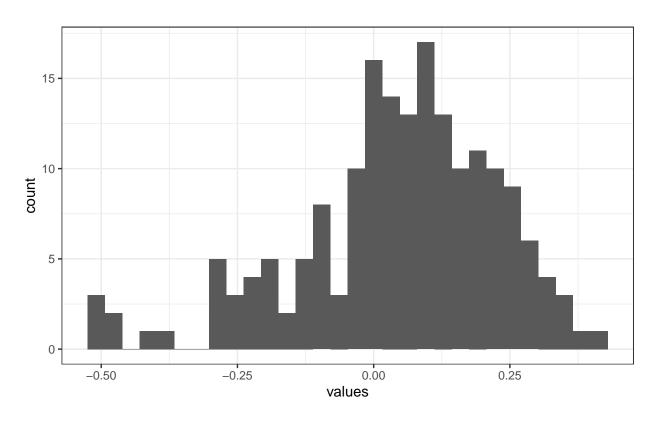
#### **Summary statistics**

name	data_twpemissingnpletem	riante mediamax mea	n sd	hist	label
FrequencyBodyAcce	le <b>rometric</b> m@anFreq <b>Y</b> -	15 <b>289</b> 44	1705U+2	581> <u+2585;wau+2587><u+25< td=""></u+25<></u+2585;wau+2587>	

#### ${\bf Frequency Body Accelerometer. mean Freq...Z}$

**Distribution** 0 missing values.

# Frequency Body Accelerometer. mean Freq...Z



Figure~28:~Distribution~of~values~for~FrequencyBodyAccelerometer.meanFreq...Z

name	$data\_ty \underline{\mathbf{p}}\underline{\mathbf{e}} missi\underline{\mathbf{n}}\underline{\mathbf{g}} mplete\underline{\mathbf{r}}$	m <b>ria</b> nte	e mediamax	mean	$\operatorname{sd}$	hist	label
FrequencyBodyAcce	le <b>rometric</b> mea <b>û</b> FreqZ 1 -	-	$0.066\ 0.4$	0.043717041	8501	13U-	+2581><U $+2582>$ M $+2586><$ U $+2581>$
	(	0.52					

#### ${\bf Frequency Body Accelerometer Jerk. mean...X}$

## Frequency Body Accelerometer Jerk.mean... X

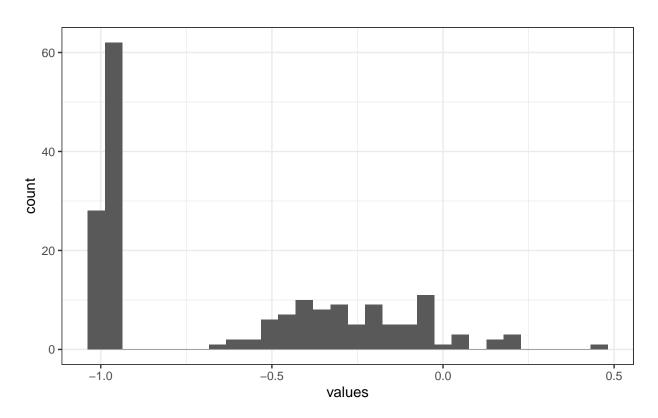


Figure 29: Distribution of values for FrequencyBodyAccelerometerJerk.mean...X

**Distribution** 0 missing values.

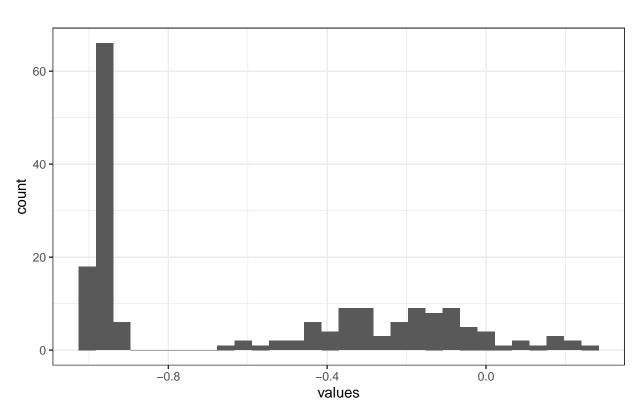
#### **Summary statistics**

name data_typemissingnplet	e <u>m</u> nianto	e medi	iamax	$\operatorname{sd}$	hist	label	
FrequencyBodyAccelerometricJenk.meanX	-	0.3985	28 <b>96</b> U+25	587> <u+2582<b>XAU+2583&gt;<u+2583< td=""></u+2583<></u+2582<b>			
	0.99	0.81		0.61392	282		

## ${\bf Frequency Body Accelerometer Jerk. mean... Y}$

**Distribution** 0 missing values.

# Frequency Body Accelerometer Jerk.mean... Y



Figure~30:~Distribution~of~values~for~FrequencyBodyAccelerometerJerk.mean...Y

name data_typemissingnplet	e <u>m</u> iante med	$\operatorname{sd}$	hist	label	
FrequencyBodyAccelerometricJenk.meanY		0.28 -	0.407	74QU+2587	><U+2581 $>$ AU+2583 $><$ U+2583
	0.99  0.78	0.5881	631		

#### ${\bf Frequency Body Accelerometer Jerk. mean...Z}$

## FrequencyBodyAccelerometerJerk.mean...Z

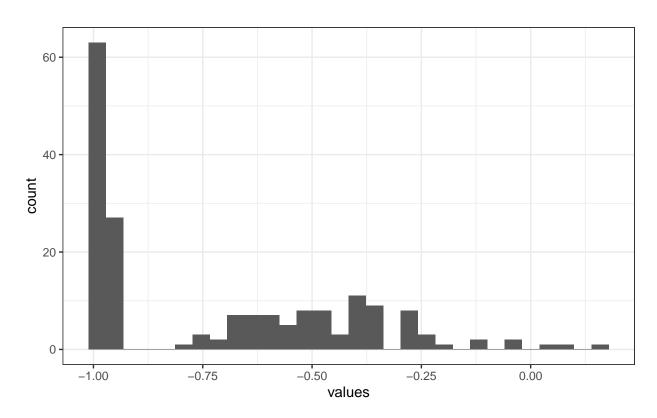


Figure 31: Distribution of values for FrequencyBodyAccelerometerJerk.mean...Z

**Distribution** 0 missing values.

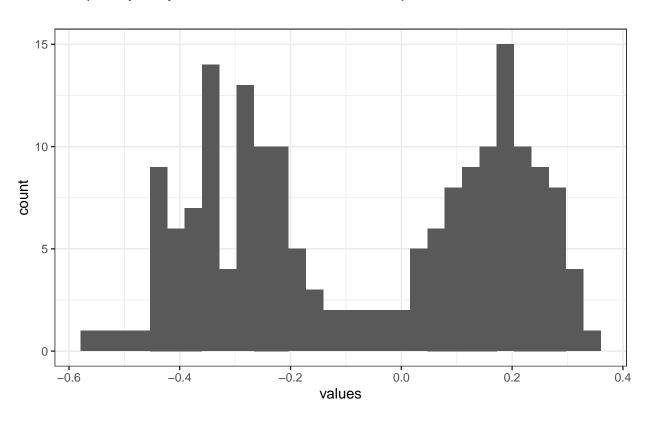
#### **Summary statistics**

name data_ty	apemissingnplete <u>m</u> ia	ate med	iamax	$\operatorname{sd}$	hist	label	
FrequencyBodyAccele <b>rometric</b>	Jei0k.meanZ -	0.2970	02250+2587				
	0.9	9 0.87		0.71435	585		

#### Frequency Body Accelerometer Jerk.mean Freq...X

**Distribution** 0 missing values.

# Frequency Body Accelerometer Jerk. mean Freq... X



Figure~32:~Distribution~of~values~for~FrequencyBodyAccelerometerJerk.meanFreq...X

name	data_typemissingnpletemiante	e medi	amax	mean	$\operatorname{sd}$	hist	label
FrequencyBodyAccele	r <b>ometer</b> iJerl0meanFrelqX	-	0.254	10 <b>21</b> U+2	582> <u+2587nau+2582><u+258< td=""></u+258<></u+2587nau+2582>		
	0.58	0.061	-	0.06910	)18		

#### Frequency Body Accelerometer Jerk.mean Freq...Y

## FrequencyBodyAccelerometerJerk.meanFreq...Y

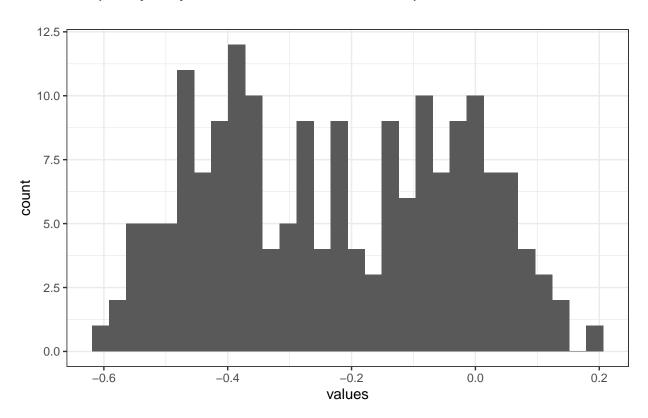


Figure 33: Distribution of values for FrequencyBodyAccelerometerJerk.meanFreq...Y

**Distribution** 0 missing values.

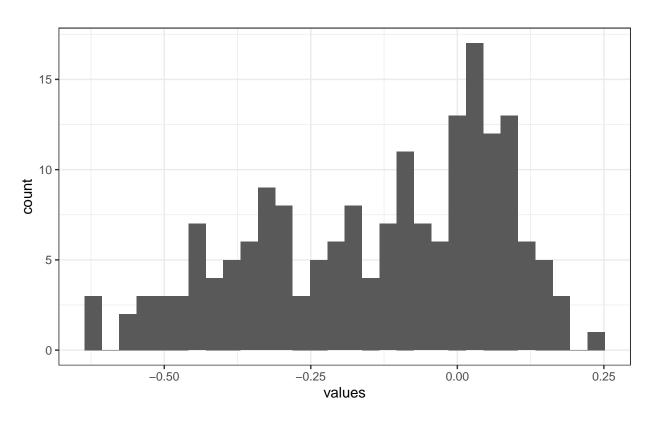
#### **Summary statistics**

name	data_twpemissingnpletemia	temedi	amax	x mean	$\operatorname{sd}$	hist	label
FrequencyBodyAccel	er <b>omnter</b> iJerl@meanFrelqY	0.1998	864 <b>T</b> U+	2585> <u+2587;nau+2586><u+258< td=""></u+258<></u+2587;nau+2586>			
	0.6	0.23		0.22810	)21		

#### Frequency Body Accelerometer Jerk.mean Freq...Z

**Distribution** 0 missing values.

# Frequency Body Accelerometer Jerk. mean Freq...Z

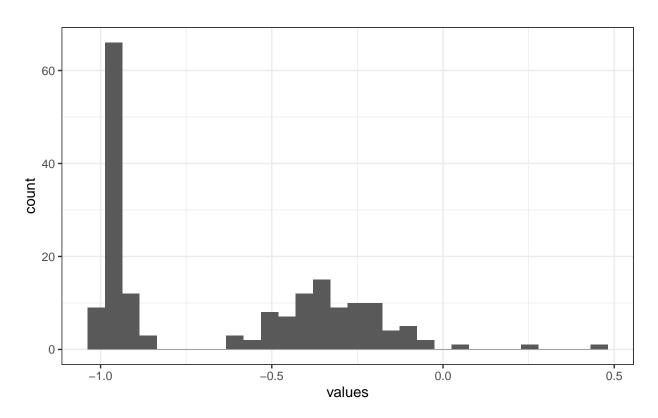


Figure~34:~Distribution~of~values~for~FrequencyBodyAccelerometerJerk.meanFreq...Z

name	data_tynpemissingnplete_miante	e medi	amax	$\operatorname{sd}$	hist	label	
FrequencyBodyAccele	er <b>ometer</b> iJerk0meanFrekqZ	-	0.2078	87 <b>21</b> U+2	582> <u+25853nau+2583><u+258< td=""></u+258<></u+25853nau+2583>		
	0.63	0.092	?	0.13760	)23		

#### ${\bf Frequency Body Gyroscope.mean...X}$

## Frequency Body Gyroscope.mean... X



 $\label{eq:Figure 35:Distribution of values for Frequency Body Gyroscope. mean... X$ 

**Distribution** 0 missing values.

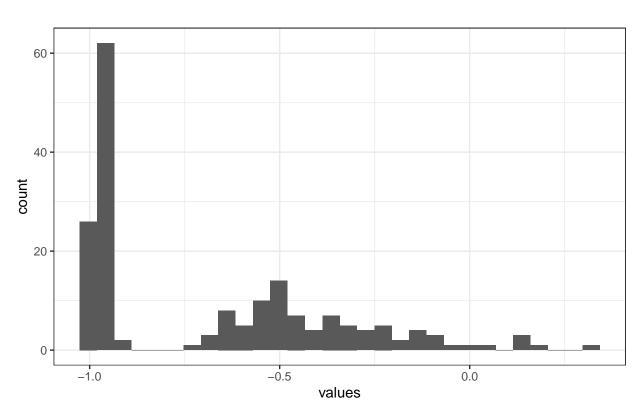
#### **Summary statistics**

name data	a_ty <b>p</b> e_missi <b>ng</b> m	plete	_maite	medi	amax	mean	$\operatorname{sd}$	hist	labe	el
FrequencyBodyGymusn	orprécmear0X	1	-	-	0.47	-	0.3467	62&U+2	2587> <u+2582>NA</u+2582>	+2585 > < U + 2585
			0.99	0.73		0.63673	396			

## ${\bf Frequency Body Gyroscope. mean...Y}$

**Distribution** 0 missing values.

# Frequency Body Gyroscope.mean... Y

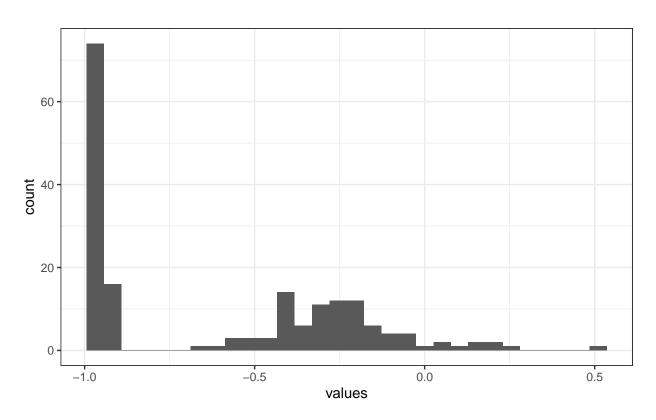


 $\label{eq:Figure 36:Distribution of values for Frequency Body Gyroscope.mean... Y$ 

name	data_type_missingm	plete_ <b>rrai</b>	tre i	media	amax	mean	sd	hist	label
FrequencyBodyG	y <b>nosnoprė</b> cmean0Y	1 -	-	-	0.33	-	0.3319	182U+	2587 > <U $+2583 >$ NN $+2583 > <$ U $+258$
		0.9	9 (	0.81		0.6766	868		

#### ${\bf Frequency Body Gyroscope. mean...Z}$

## FrequencyBodyGyroscope.mean...Z



Figure~37:~Distribution~of~values~for~FrequencyBodyGyroscope.mean...Z

**Distribution** 0 missing values.

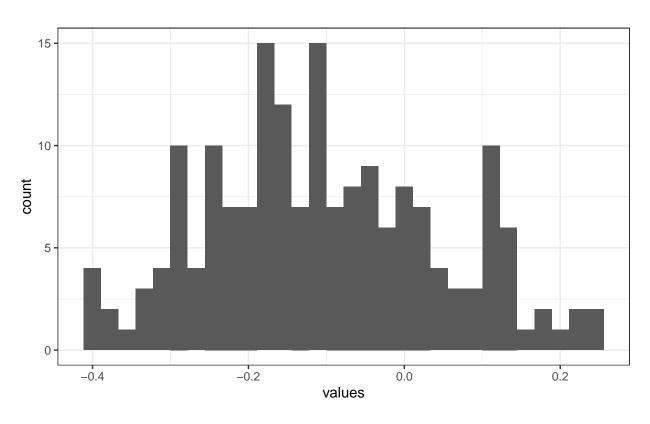
#### **Summary statistics**

name	data_type_missingr	nplete	_maite	medi	amax	mean	$\operatorname{sd}$	hist	label	
FrequencyBodyGy	nosnoqrėcmear0Z	1	-	-	0.49	-	0.38420	60 <b>3</b> U+	2587 > <U $+2582 >$ NN $+2$	585 > < U + 2583
			0.99	0.79		0.60439	912			

## ${\bf Frequency Body Gyroscope. mean Freq... X}$

**Distribution** 0 missing values.

# Frequency Body Gyroscope. mean Freq... X

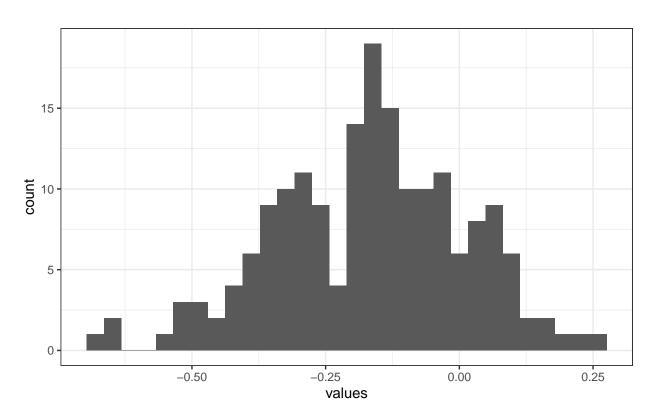


 $\label{prop:sigma} \mbox{Figure 38: Distribution of values for FrequencyBodyGyroscope.meanFreq...} X$ 

name data_type_missingm	plete_	maita	e med	iamax	mean	$\operatorname{sd}$	hist	label
FrequencyBodyGyroscopæriceanFteqX	1	-	-	0.25	-	0.1480	97 <b>5</b> U+	-2583> <u+2587>NN+2587&gt;<u+258< td=""></u+258<></u+2587>
		0.4	0.12		0.10455	51		

#### Frequency Body Gyroscope.mean Freq...Y

## FrequencyBodyGyroscope.meanFreq...Y



Figure~39:~Distribution~of~values~for~FrequencyBodyGyroscope.meanFreq...Y

**Distribution** 0 missing values.

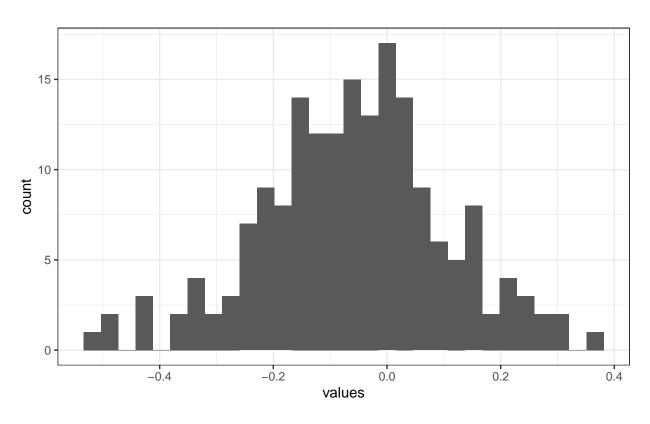
#### **Summary statistics**

name dat	ta_ty <b>p</b> e_missi <b>ng</b> mp	olet	e <u>m</u> niante	media	amax	mean	$\operatorname{sd}$	$\operatorname{hist}$	lab	oel
FrequencyBodyGyroscop	<b>pæriæ</b> anF@eqY	1		- 0.16		- 0.16740		014U+2581>	<u+2585>₹£</u+2585>	V + 2587 > < U + 2587

## ${\bf Frequency Body Gyroscope. mean Freq...Z}$

**Distribution** 0 missing values.

# Frequency Body Gyroscope. mean Freq...Z



Figure~40:~Distribution~of~values~for~FrequencyBodyGyroscope.meanFreq...Z

name	data_type_missingm	plet	e <u>m</u> niante	e medi	amax	mean	$\operatorname{sd}$	hist	label
FrequencyBodyGyro	o <b>scopæri</b> æanFfeqZ	1	-	-	0.38	-	0.1652	298U+	2581 > <U+ $2583 >$ MM+ $2587 > <$ U+ $258$
			0.51	0.051	-	0.05718	809		

#### ${\bf Frequency Body Accelerometer Magnitude. mean..}$

## FrequencyBodyAccelerometerMagnitude.mean..

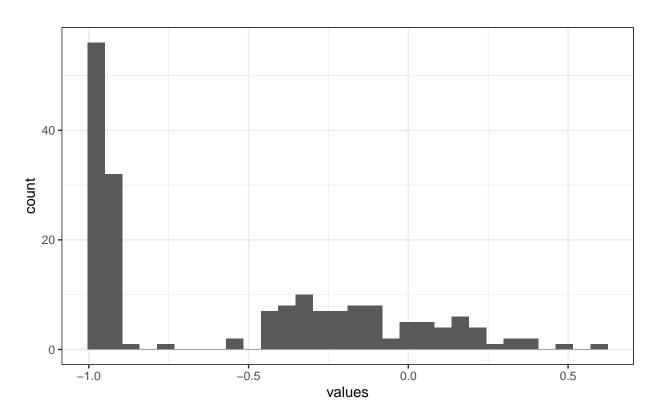


Figure 41: Distribution of values for FrequencyBodyAccelerometerMagnitude.mean..

#### **Distribution** 0 missing values.

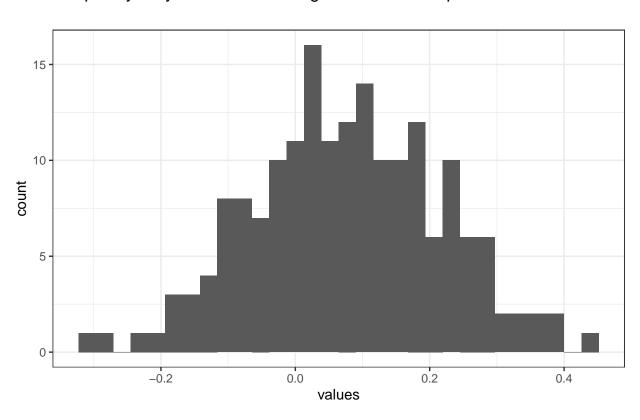
#### **Summary statistics**

name	data_twpemissingnpletemiate	e medi	amax	mean	$\operatorname{sd}$	hist	label
FrequencyBodyAccele	er <b>ometerik</b> Iaghitude.mean	-	0.59	-	0.451	645U+	2587 > <U+ $2582$ NAU+ $2583 > <$ U+ $258$
	0.99	0.67		0.53651	167		

#### Frequency Body Accelerometer Magnitude. mean Freq..

**Distribution** 0 missing values.

# Frequency Body Accelerometer Magnitude. mean Freq..



 $\label{prop:prop:section} Figure~42:~Distribution~of~values~for~FrequencyBodyAccelerometerMagnitude.meanFreq..$ 

name	data_typemissingnpletemiate	mediamax mean	$\operatorname{sd}$	hist	label
FrequencyBody	yAccelero <b>meter/M</b> agnitude.mehnFreq	0.081 0.44 0.07612	<b>182</b> 404	44 <b>79</b> J+2581	><U+2585 $>$ AU+2587> $<$ U+258
	0.31				

 ${\bf Frequency Body Accelerometer Jerk Magnitude. mean..}$ 

## FrequencyBodyAccelerometerJerkMagnitude.mean..

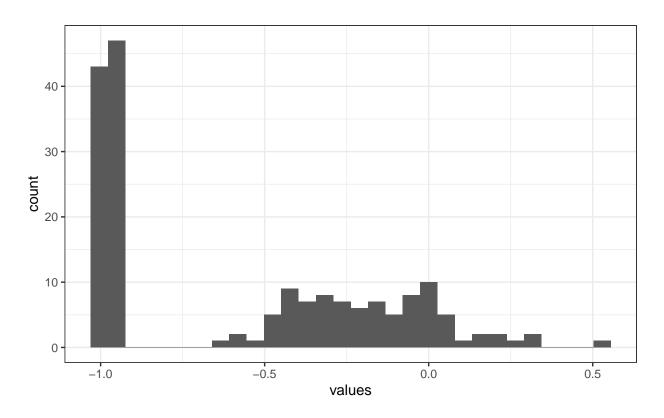


Figure 43: Distribution of values for FrequencyBodyAccelerometerJerkMagnitude.mean..

**Distribution** 0 missing values.

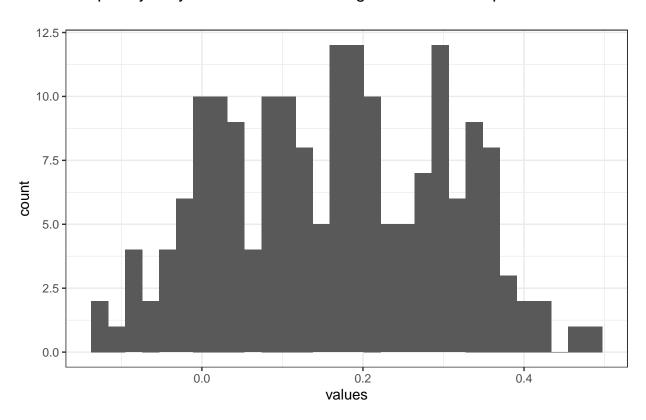
#### **Summary statistics**

name	data_tynpemissingnplete_miante	medi	amax	mean	;	$\operatorname{sd}$	hist	labe	el
FrequencyBodyAcceler	ommetheerJierk Magnitude.mean	-	0.54	-	0.4	4312	232U+	-2587> <u+2582≯<b>\AU</u+2582≯<b>	J+2583>< U+258
	0.99	0.79		0.5756	175				

Frequency Body Accelerometer Jerk Magnitude. mean Freq..

**Distribution** 0 missing values.

# Frequency Body Accelerometer Jerk Magnitude. mean Freq..



Figure~44:~Distribution~of~values~for~FrequencyBodyAccelerometerJerkMagnitude.meanFreq..

name	data_typemissingnplete_miaute med	iamax mean sd	hist	label	
FrequencyBodyAccelero	om <b>eterle</b> Magnitude.rheanFreq.0.17	0.49 0.16254593	78 <b>3</b> U+258	3> <u+2587№a;u+2587>&lt;</u+2587№a;u+2587>	< U + 25
	0.13				

 ${\bf Frequency Body Gyroscope Magnitude. mean..}$ 

## FrequencyBodyGyroscopeMagnitude.mean..

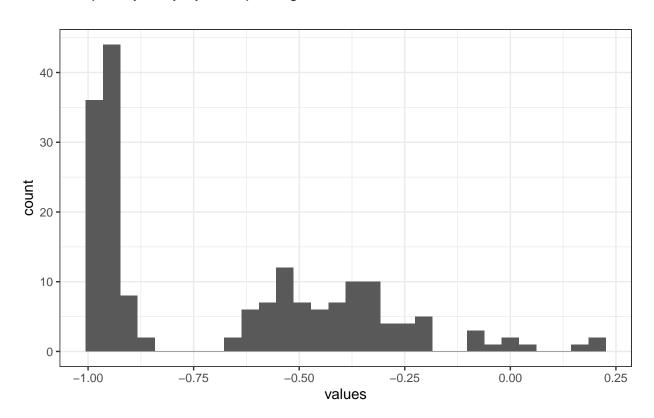


Figure 45: Distribution of values for FrequencyBodyGyroscopeMagnitude.mean..

**Distribution** 0 missing values.

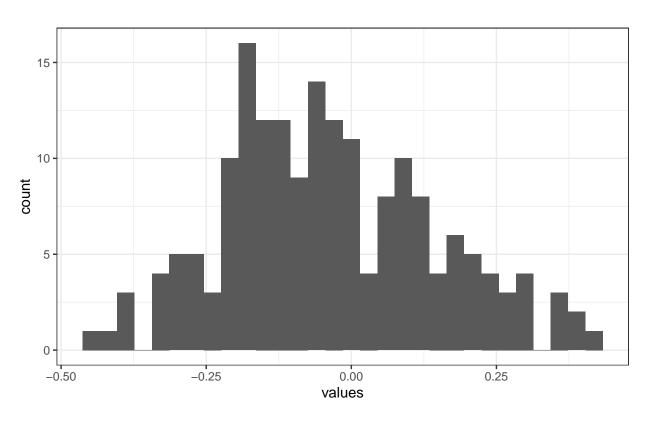
#### **Summary statistics**

name	$data\_ty \underline{\textbf{p}}\underline{\textbf{e}} missi\underline{\textbf{n}}\underline{\textbf{g}} mplet$	e <u>m</u> niante	e medi	amax	mean	s	sd l	nist		label	
FrequencyBodyC	Gyros <b>coppelelig</b> nitu <b>d</b> e.mean1	-	-	0.2	-	0.31	18118	3U+2587	> <u+2582< td=""><td>&gt;NA)+2583</td><td>S&gt;<u+258< td=""></u+258<></td></u+2582<>	>NA)+2583	S> <u+258< td=""></u+258<>
		0.99	0.77		0.66709	991					

#### Frequency Body Gyroscope Magnitude. mean Freq..

**Distribution** 0 missing values.

# Frequency Body Gyroscope Magnitude. mean Freq..



 $\label{prop:second} Figure~46:~Distribution~of~values~for~Frequency Body Gyroscope Magnitude.mean Freq..$ 

name	data_tynpemissingnplete_miant	e medi	amax	mean	$\operatorname{sd}$	hist	label
FrequencyBodyGyrose	ca <b>peMæj</b> mitûde.meanFreq	-	0.41	-	0.180	73 <b>5</b> U+	2582 > < U + 2587 MaU + 2587 > < U + 258
	0.46	0.054	Ŀ	0.03603	322		

Frequency Body Gyroscope Jerk Magnitude. mean..

## FrequencyBodyGyroscopeJerkMagnitude.mean..

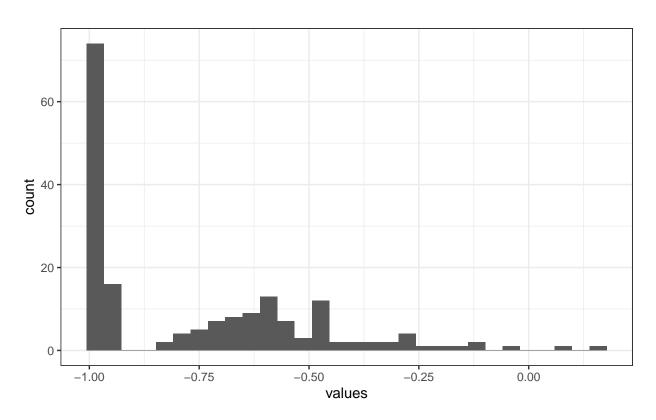


Figure 47: Distribution of values for FrequencyBodyGyroscopeJerkMagnitude.mean..

**Distribution** 0 missing values.

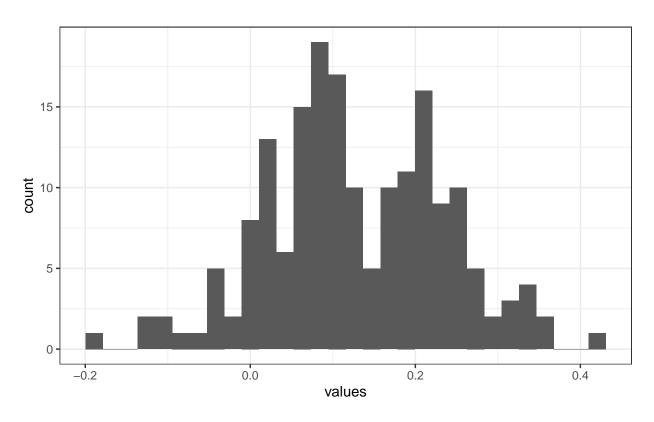
#### **Summary statistics**

name	data_tynpemissingnplete_mia	ntemedi	amax	mean	$\operatorname{sd}$	hist	label	
FrequencyBodyGyros	capederkiMa@nitude.mlean1	-	0.15	-	0.2628	87 <b>21</b> U+2	587> <u+2585<b>XAU+2582&gt;<u+2< td=""><td>2581</td></u+2<></u+2585<b>	2581
		0.88		0.7563	853			

Frequency Body Gyroscope Jerk Magnitude. mean Freq..

**Distribution** 0 missing values.

# Frequency Body Gyroscope Jerk Magnitude. mean Freq..



Figure~48:~Distribution~of~values~for~FrequencyBodyGyroscopeJerkMagnitude.meanFreq..

name	data_tynpemissingnpletemiante mediama	ax mean sd	hist	label
FrequencyBoo	dyGyrosco <b>paJardrM</b> ag <b>0</b> iitude.m <b>d</b> anFreq 0.11 0.4	3 0.1259 <b>225</b> 08	32 <b>31</b> U+2	$2581 > < U + 2585 \times 4U + 2587 > < U + 258$
	0.18			

#### ${\bf Angle. Time Body Accelerometer Mean. Gravity.}$

## Angle.TimeBodyAccelerometerMean.Gravity.

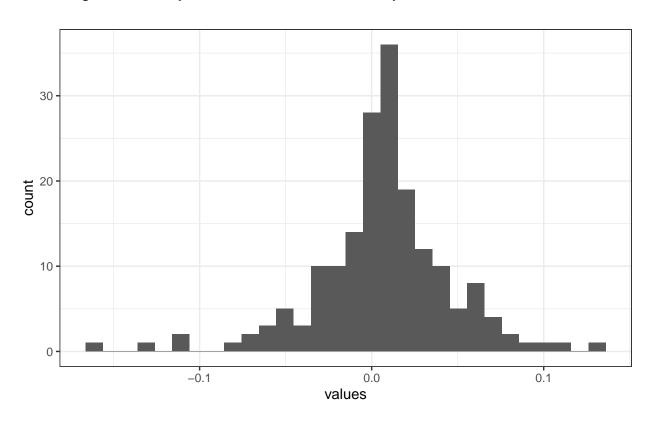


Figure 49: Distribution of values for Angle.TimeBodyAccelerometerMean.Gravity.

**Distribution** 0 missing values.

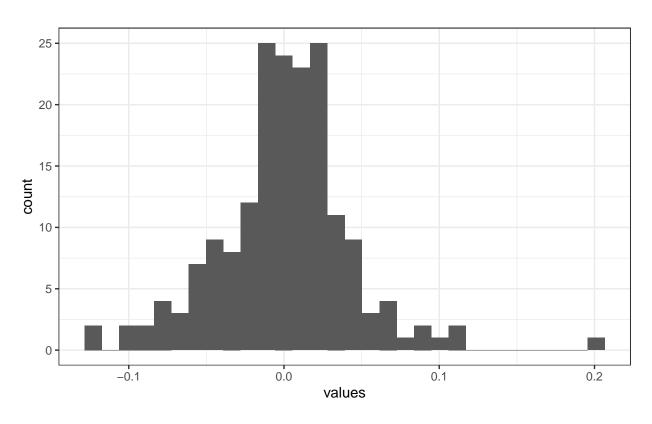
#### **Summary statistics**

name	data_twpemissingnpletemiant	e mediamax mean	sd	hist	label
Angle.TimeBo	odyAccel <b>ammette</b> rMean.Gravity	0.00790.13 0.006	5 <b>53.0</b> 39	60 <b>41</b> J-	+2581><U $+2581$ NAU $+2587><$ U $+2587$
	0.16				

## ${\bf Angle. Time Body Accelerometer Jerk Mean.. Gravity Mean.}$

**Distribution** 0 missing values.

# Angle. Time Body Accelerometer Jerk Mean.. Gravity Mean.



Figure~50:~Distribution~of~values~for~Angle. Time Body Accelerometer Jerk Mean.. Gravity Mean.

name	data_typemissingnpletemiate mediamax	mean	$\operatorname{sd}$	hist	label
Angle.TimeBod	lyAccelerometrerlerkMeanGravityMean000310.2	0.00064	<b>139</b> 427	76 <b>31</b> U+	2582> <u+2587na;u+2586><u+25< td=""></u+25<></u+2587na;u+2586>
	0.12				

 ${\bf Angle. Time Body Gyroscope Mean. Gravity Mean.}$ 

## Angle.TimeBodyGyroscopeMean.GravityMean.

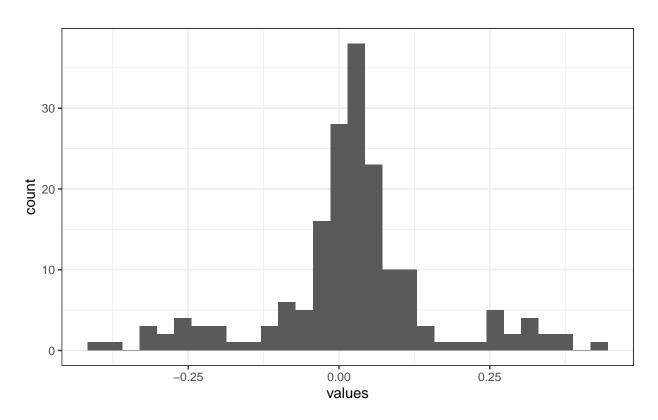


Figure 51: Distribution of values for Angle.TimeBodyGyroscopeMean.GravityMean.

**Distribution** 0 missing values.

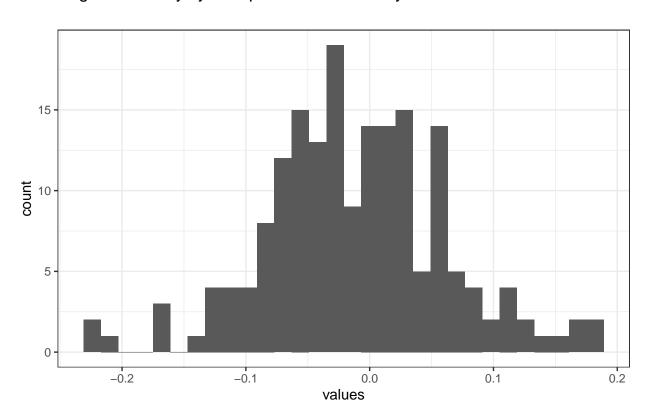
#### **Summary statistics**

name	data_twpemissingnpletemiant	e mediamax mean	sd	hist	label
Angle.TimeBe	odyGyro <b>snapeNk</b> ean0GravityMean.	0.021 0.44 0.02193	30.740	12 <b>₹</b> €U+	-2581> <u+25813vau+2587><u+2581< td=""></u+2581<></u+25813vau+2587>
	0.39				

#### ${\bf Angle. Time Body Gyroscope Jerk Mean. Gravity Mean.}$

**Distribution** 0 missing values.

# Angle. Time Body Gyroscope Jerk Mean. Gravity Mean.



 $\label{prop:sigma:equation:figure 52: Distribution of values for Angle. Time Body Gyroscope Jerk Mean. Gravity Mean. \\$ 

name	data_typemissingnpletemiate	e medi	amax	mean	$\operatorname{sd}$	hist	label	
Angle.TimeBodyGyro	osc <b>opæderk</b> Mean.GravittyMean.	-	0.18	-	0.072	9 <b>62W</b> -	+2581> <u+2583<b>XAU+</u+2583<b>	-2587 > < U + 258
	0.22	0.016	j	0.0113	732			

## ${\bf Angle. X. Gravity Mean.}$

## Angle.X.GravityMean.

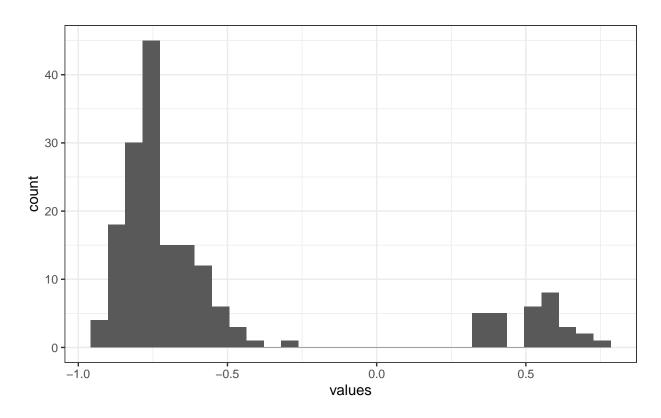


Figure 53: Distribution of values for Angle.X.GravityMean.

**Distribution** 0 missing values.

#### **Summary statistics**

name	data_ty	p <u>e</u> missing	$ootnotesize rac{1}{2}$	_maite	media	anmax	mean	sd	hist	label
Angle.X.Grav	i <b>try.Meeri</b> n:	: 0	1	-	-	0.74	-	0.4812	28 <u+< td=""><td>-2587&gt;<u+2582>&lt;<b>N</b>A2581&gt;<u+258< td=""></u+258<></u+2582></td></u+<>	-2587> <u+2582>&lt;<b>N</b>A2581&gt;<u+258< td=""></u+258<></u+2582>
				0.95	0.74		0.524306	55		

## ${\bf Angle. Y. Gravity Mean.}$

 $\begin{tabular}{ll} \textbf{Distribution} & 0 \ missing \ values. \end{tabular}$ 

# Angle.Y.GravityMean.

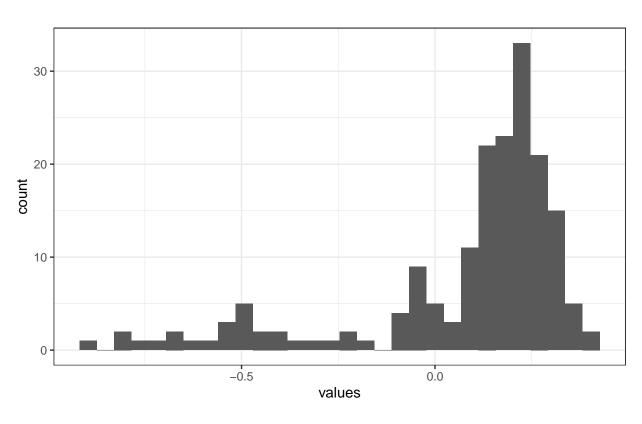


Figure 54: Distribution of values for Angle.Y.GravityMean.

name	data_typ	<u>e</u> missi <b>n</b> e	gmplete_ <b>_mait</b> e	media	anmax	mean	$\operatorname{sd}$	hist	label
Angle.Y.Grav	i <b>ty.Meari</b> c	0	1 -	0.17	0.42	0.07865	5342784	784U+2	2581 > < U + 2581 > < MA + 2581 > < U + 2585 >
			0.87						

## ${\bf Angle. Z. Gravity Mean.}$

## Angle.Z.GravityMean.

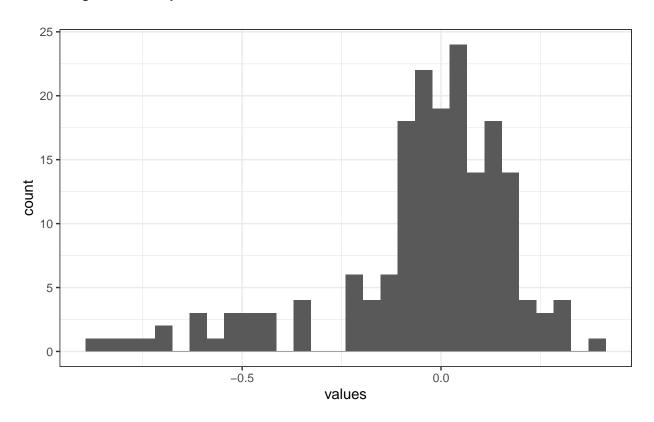


Figure 55: Distribution of values for Angle.Z.GravityMean.

**Distribution** 0 missing values.

#### **Summary statistics**

name	data_ty	p <u>e</u> missi <b>ng</b>	${ m mplete}_{-}$	maite	medianmax	mean	sd	hist	label
Angle.Z.Gravi	try Meenic	0	1	-	$0.0051\ 0.39$	-	0.2308	332U+	$2581 > < U + 2581 > < \overline{\mathbb{M}} \stackrel{\triangle}{A} 2581 > < U + 2587$
				0.87		0.040436	<b>52</b>		

## ${\bf Time Body Accelerometer.std...X}$

**Distribution** 0 missing values.

# ${\it TimeBodyAccelerometer.std...X}$

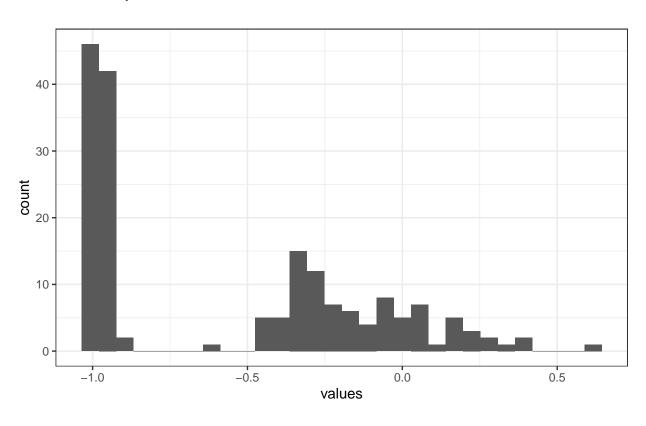


Figure 56: Distribution of values for TimeBodyAccelerometer.std...X  $\,$ 

name	data_type_missing	nplete	_mait	æ medi	amax	mean	$\operatorname{sd}$	hist	label
TimeBodyAccele	eromenteriostdN	-1	-	0.63	-	0.45169	914U+	2587> <u+2582>&lt;<b>V</b>+2585&gt;<u+2582></u+2582></u+2582>	
				0.75		0.55769	901		

#### ${\bf Time Body Accelerometer.std...Y}$

## TimeBodyAccelerometer.std...Y

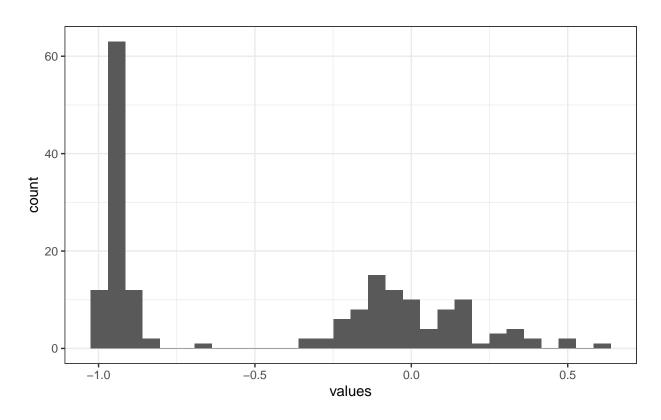


Figure 57: Distribution of values for TimeBodyAccelerometer.std...Y

**Distribution** 0 missing values.

#### **Summary statistics**

name	data_type_missingn	nplete	_maite	medi	amax	mean	$\operatorname{sd}$	hist		label	
TimeBodyAcceler <b>nmeteri</b> cstdV 1 -					0.62	-	0.496	56 <b>5</b> U+	2587> <u+2581>·</u+2581>		<U+2583>
			0.99	0.51		0.46046	626				

## ${\bf Time Body Accelerometer.std...Z}$

**Distribution** 0 missing values.

# ${\it Time Body Accelerometer.std...Z}$

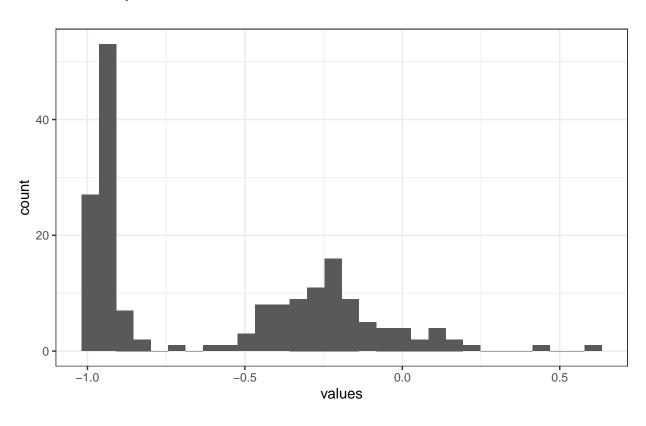


Figure 58: Distribution of values for TimeBodyAccelerometer.std...Z

name	data_type_missingn	nplete	_maite	medi	iamax	mean	$\operatorname{sd}$	hist	label
TimeBodyAccele	er <b>ometeri</b> ostd <b>Z</b>	1	-	-	0.61	-	0.39554	43 <b>9</b> U+2587>	><U+2582>< <b>U</b> +2585> <u+2585< td=""></u+2585<>
			0.99	0.65		0.57556	602		

#### ${\bf Time Gravity Accelerometer.std...X}$

## Time Gravity Accelerometer. std... X

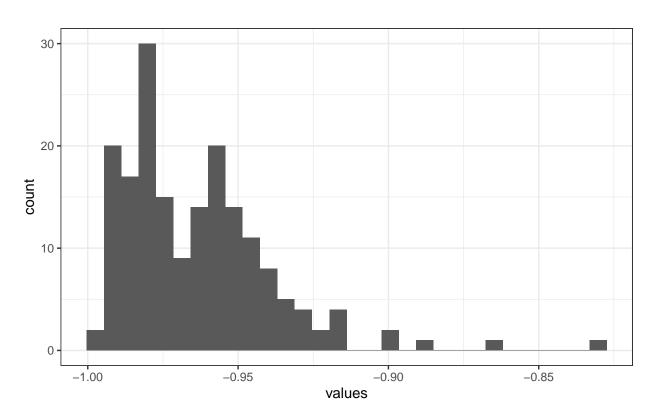


Figure 59: Distribution of values for TimeGravityAccelerometer.std...X

**Distribution** 0 missing values.

#### **Summary statistics**

name	data_type_missingm	plete	_maitr	e medi	amax	mean	$\operatorname{sd}$	hist	la	bel
TimeGravityAccele	erometericstdX	1	-1	-	-	-	0.02503	344U+2587	V > < U + 2586 > N	
				0.97	0.83	0.96375	525			

## ${\bf Time Gravity Accelerometer.std...Y}$

**Distribution** 0 missing values.

# ${\it Time Gravity Accelerometer.std...} Y$

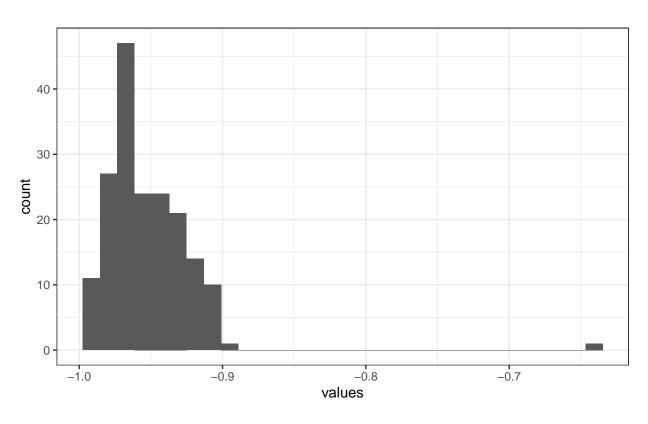


Figure 60: Distribution of values for TimeGravityAccelerometer.std...Y

name	data_ty <b>p</b> e_missi <b>ng</b> n	nplete_m	ite	medi	amax	mean	$\operatorname{sd}$	hist	label
TimeGravityAcce	lemmeter.std.0Y	1 -		-	-	-	0.0326	55₹U+	2587> <u+2581>NN+2581&gt;<u+258< td=""></u+258<></u+2581>
		0.	99	0.96	0.64	0.95242	296		

#### ${\bf Time Gravity Accelerometer.std...Z}$

## ${\sf TimeGravityAccelerometer.std...Z}$

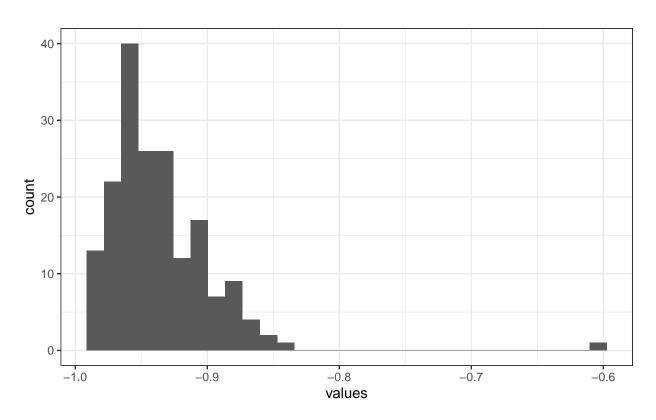


Figure 61: Distribution of values for TimeGravityAccelerometer.std...Z

**Distribution** 0 missing values.

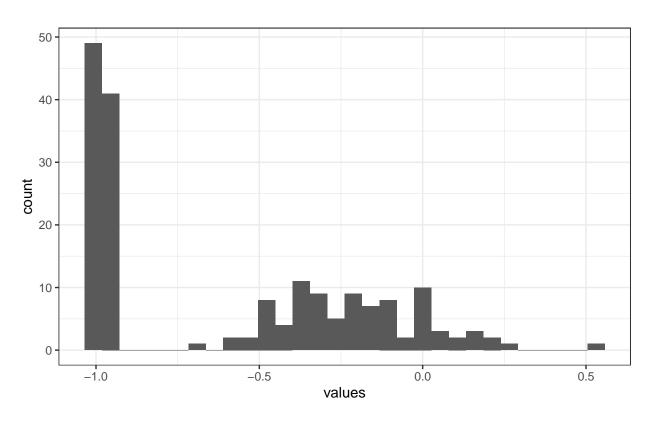
#### **Summary statistics**

name	data_type_missingm	plete_r	maite	medi	amax	mean	$\operatorname{sd}$	hist		label	
TimeGravityAccel	errometer.std.0Z	1 -	-	-	-	-	0.04029	91 <b>2</b> U+2587	7> <u+2582></u+2582>	>NN+2581>	><U $+258$
		(	0.99	0.95	0.61	0.93640	1				

## ${\bf Time Body Accelerometer Jerk.std...X}$

**Distribution** 0 missing values.

# ${\it TimeBodyAccelerometerJerk.std...X}$

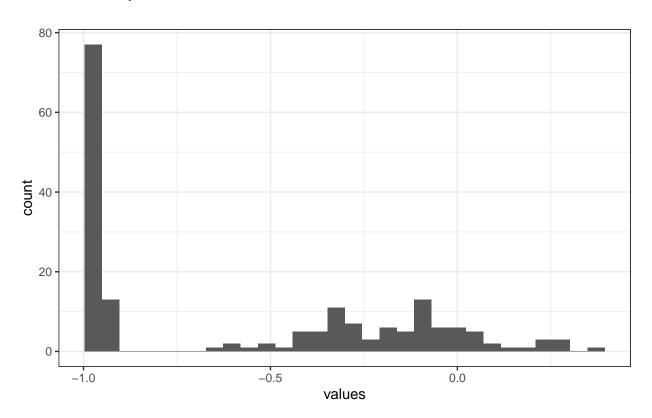


Figure~62:~Distribution~of~values~for~TimeBodyAccelerometerJerk.std...X

name	data_type_missingm	plete	_maite	medi	amax	mean	$\operatorname{sd}$	hist	label
TimeBodyAccelero	m <b>netnere</b> lneick.std0X	1	-	-	0.54	-	0.4175	86 <b>5</b> U+	-2587> <u+2582>NN+2585&gt;<u+258< td=""></u+258<></u+2582>
			0.99	0.81		0.59494	167		

#### ${\bf Time Body Accelerometer Jerk. std...Y}$

# TimeBodyAccelerometerJerk.std...Y



Figure~63:~Distribution~of~values~for~TimeBodyAccelerometerJerk.std...Y

**Distribution** 0 missing values.

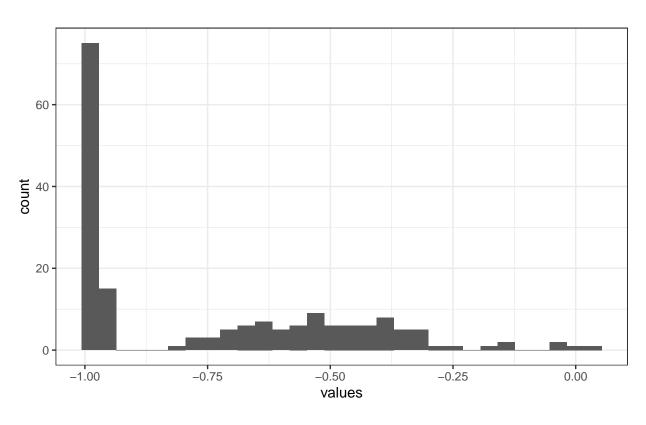
#### **Summary statistics**

name	data_type_missingm	plete	_maite	medi	amax	mean	$\operatorname{sd}$	hist	label
TimeBodyAccelero	nmetæreJæck.std0.Y	1	-	-	0.36	-	0.4330	874U+2	587><U $+2581>$ NN $+2583><$ U $+2583>$
			0.99	0.78		0.56541	147		

## ${\bf Time Body Accelerometer Jerk. std...Z}$

**Distribution** 0 missing values.

# ${\it TimeBodyAccelerometerJerk.std...Z}$



Figure~64:~Distribution~of~values~for~TimeBodyAccelerometerJerk.std...Z

name	data_type_missingm	plet	e <u>m</u> riante	e medi	amax	mean	$\operatorname{sd}$	hist	label
TimeBodyAccelero	mmetheneJneick.stdQ.Z	1	-	-	0.031	_	0.2768	47 <b>9</b> U+	-2587> <u+2582>NN+2583&gt;<u+25< td=""></u+25<></u+2582>
			0.99	0.88		0.73595	577		

## ${\bf Time Body Gyroscope.std...X}$

# ${\sf TimeBodyGyroscope.std...X}$

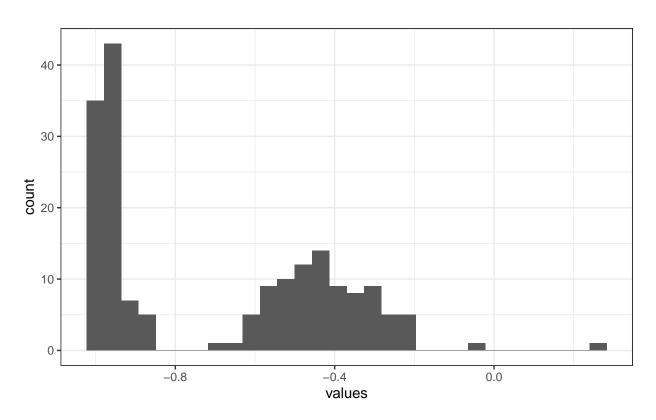


Figure 65: Distribution of values for TimeBodyGyroscope.std...X

**Distribution** 0 missing values.

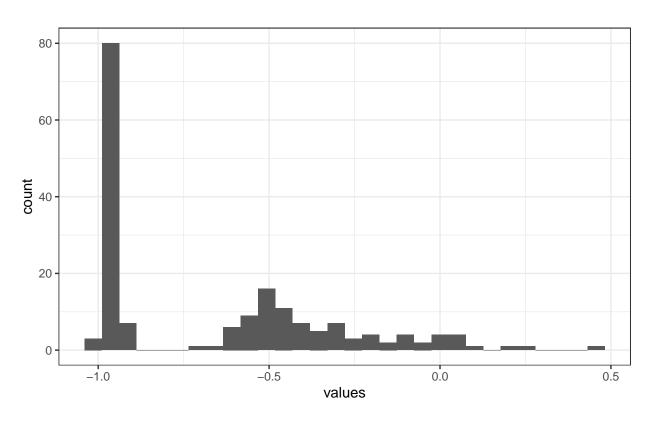
#### **Summary statistics**

name	data_type_missingm	plete	_maite	medi	amax	mean	sd	hist	label
TimeBodyGyro	scoppe estidX 0	1	-	-	0.27	-	0.2910	18 <b>9</b> U+	2587> <u+2583><b>\(\U\)</b>+2585&gt;<u+2581></u+2581></u+2583>
			0.99	0.79		0.6916	399		

## ${\bf Time Body Gyroscope.std...Y}$

**Distribution** 0 missing values.

# ${\sf TimeBodyGyroscope.std...Y}$



Figure~66:~Distribution~of~values~for~TimeBodyGyroscope.std...Y

name	data_type_missingm	plete	_maite	med	iamax	mean	$\operatorname{sd}$	hist	label
TimeBodyGyro	scoppestidY 0	1	-	-	0.48	-	0.3520	252U+	-2587><U $+2585>$ <b>U</b> $+2582><$ U $+2581$
			0.99	0.8		0.65330	02		

## ${\bf Time Body Gyroscope.std...Z}$

# TimeBodyGyroscope.std...Z

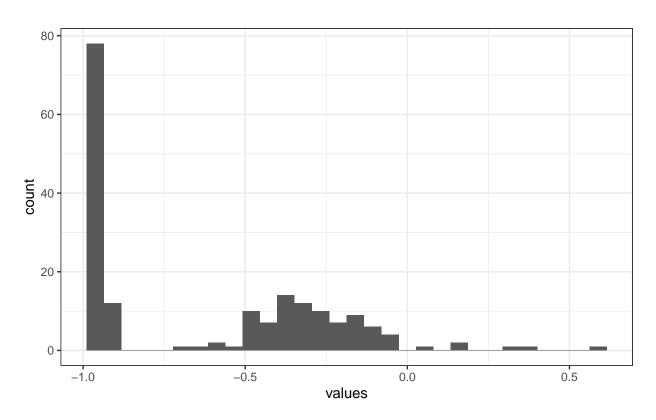


Figure 67: Distribution of values for TimeBodyGyroscope.std...Z

**Distribution** 0 missing values.

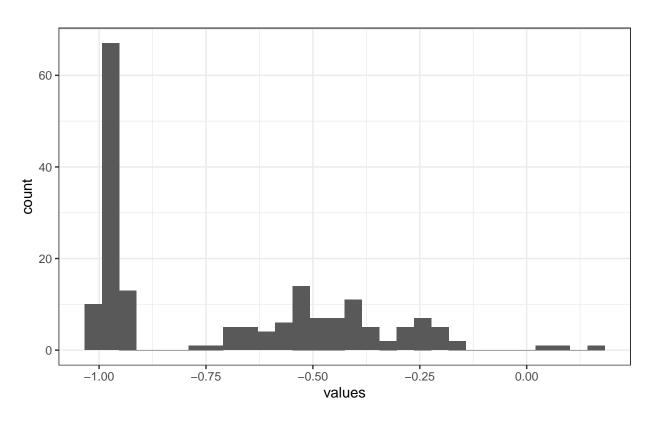
#### **Summary statistics**

name	data_type_missingm	plete	_maite	med	iamax	mean	sd	hist	label
TimeBodyGyro	scoppa estidZ 0	1	-	-	0.56	-	0.3730	264U+	2587> <u+2582>&lt;<b>U</b>+2585&gt;<u+2581></u+2581></u+2582>
			0.99	0.8		0.6164	353		

## ${\bf Time Body Gyroscope Jerk.std...X}$

**Distribution** 0 missing values.

# ${\sf TimeBodyGyroscopeJerk.std...X}$

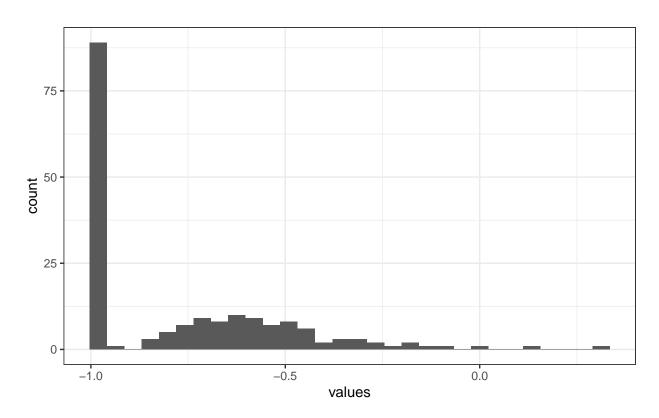


Figure~68:~Distribution~of~values~for~TimeBodyGyroscopeJerk.std...X

name	data_type_missing	mplete	_mait	æ medi	iamax	mean	$\operatorname{sd}$	hist	label
TimeBodyGyros	companierkcstd(X	1	-1	-	0.18	-	0.3008	364U+	2587> <u+2582>&lt;<b>\U</b>+2583&gt;<u+2582></u+2582></u+2582>
				0.84		0.7036	327		

## ${\bf Time Body Gyroscope Jerk.std...Y}$

# ${\it TimeBodyGyroscopeJerk.std...} Y$



Figure~69:~Distribution~of~values~for~TimeBodyGyroscopeJerk.std...Y

**Distribution** 0 missing values.

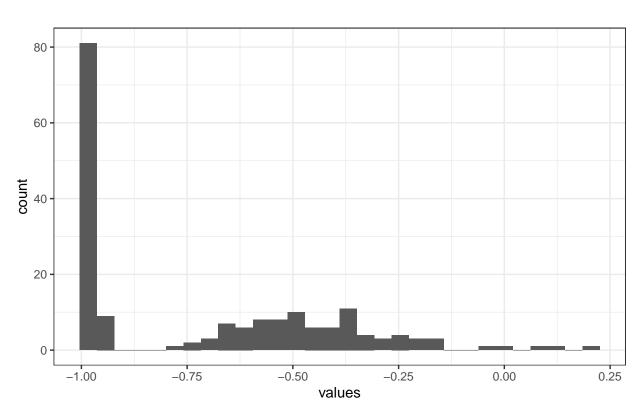
#### **Summary statistics**

name	data_type_missing	mplete	mait	e medi	amax	mean	$\operatorname{sd}$	hist	label
TimeBodyGyroso	co <b>pe.Inckis</b> tdY)	1	-1	- 0.89	0.3	- 0.76355		885U+2587	√> <u+2583><b>∢V</b>+2582&gt;<u+258< td=""></u+258<></u+2583>

## ${\bf Time Body Gyroscope Jerk.std...Z}$

**Distribution** 0 missing values.

# ${\sf TimeBodyGyroscopeJerk.std...Z}$

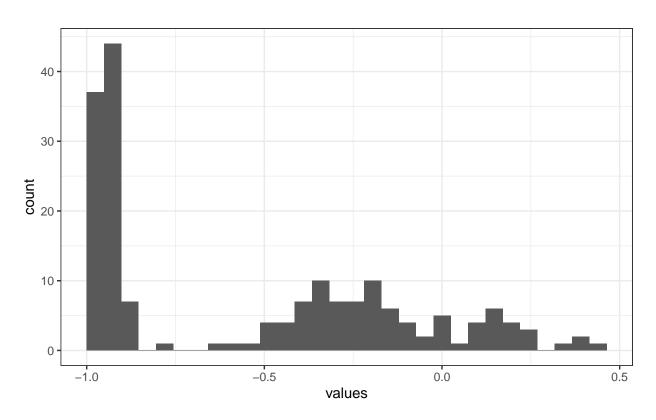


Figure~70:~Distribution~of~values~for~TimeBodyGyroscopeJerk.std...Z

name	data_type_missing	mplete	_mait	e medi	amax	mean	$\operatorname{sd}$	hist	label
TimeBodyGyros	companderkestd(Z	1	-1	-	0.19	-	0.3045	394U+	2587> <u+2583>&lt;<b>V</b>+2583&gt;<u+2581></u+2581></u+2583>
				0.86		0.7095	592		

#### ${\bf Time Body Accelerometer Magnitude. std..}$

# Time Body Accelerometer Magnitude. std..



Figure~71:~Distribution~of~values~for~Time Body Accelerometer Magnitude.std..

**Distribution** 0 missing values.

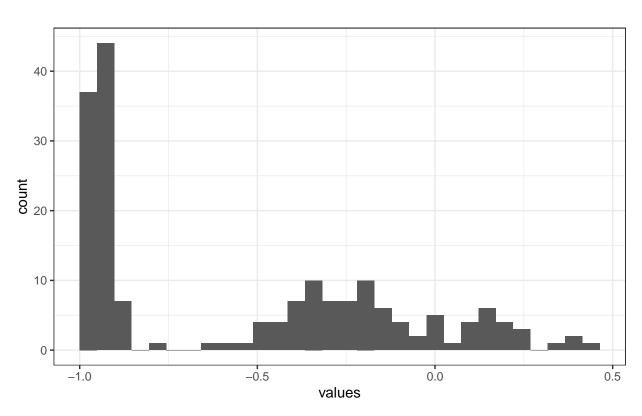
#### **Summary statistics**

name	data_type_missingm	plet	e <u>m</u> nianto	e medi	amax	mean	$\operatorname{sd}$	hist	label
TimeBodyAccelerom <b>etern/drig</b> nitu <b>0</b> e.std 1 0.43 -								448U+2	2587 > <U+ $2581 >$ MH+ $2585 > <$ U+ $2585 > <$ U+ $2585 >$
			0.99	0.61		0.54390	)87		

## ${\bf Time Gravity Accelerometer Magnitude. std..}$

**Distribution** 0 missing values.

# Time Gravity Accelerometer Magnitude. std..

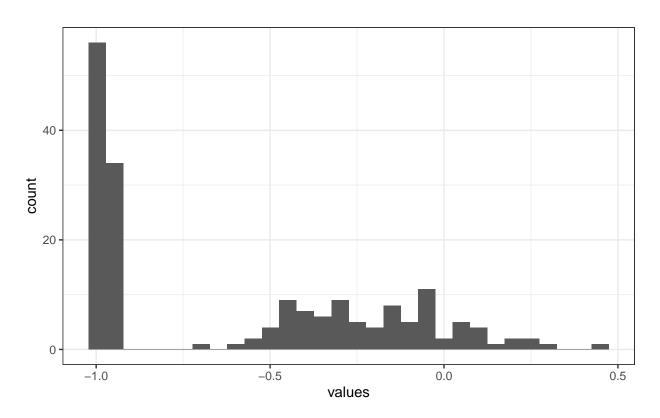


 $\label{prop:control} \mbox{Figure 72: Distribution of values for TimeGravityAccelerometerMagnitude.std.}.$ 

name data_typemissingnplet	e <u>m</u> riant	e medi	iamax	mean	$\operatorname{sd}$	hist	label
TimeGravityAccelerometereMagnOtude.std1	-	0.4310	04 <b>4</b> 8U+	-2587 > < U + 2581  AU $+ 2585 > < U + 2585$			
	0.99	0.61		0.54390	087		

#### ${\bf Time Body Accelerometer Jerk Magnitude. std..}$

## TimeBodyAccelerometerJerkMagnitude.std..



Figure~73:~Distribution~of~values~for~Time Body Accelerometer Jerk Magnitude.std..

#### **Distribution** 0 missing values.

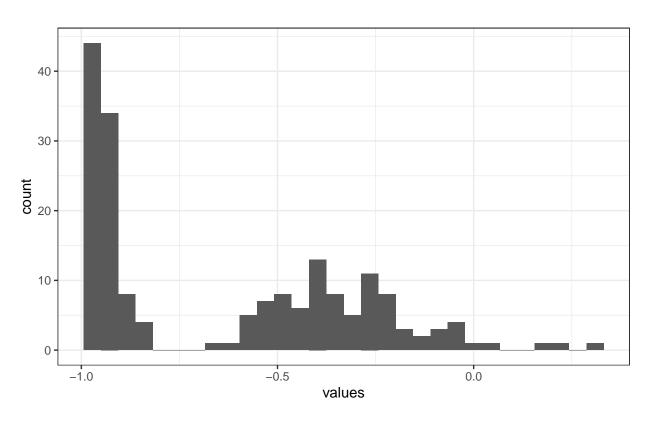
#### **Summary statistics**

name	data_typemissingnpletemiant	e med	iamax	mean	$\operatorname{sd}$	hist	label
TimeBodyAcceleror	me <b>ternherkiM</b> a@nitude.stld	-	0.45	-	0.422	79 <b>53</b> U+2	587> <u+2582<b>NAU+2583&gt;<u+2583< td=""></u+2583<></u+2582<b>
	0.99	0.8		0.5841	756		

## ${\bf Time Body Gyroscope Magnitude. std..}$

**Distribution** 0 missing values.

# ${\it Time Body Gyroscope Magnitude. std.}.$

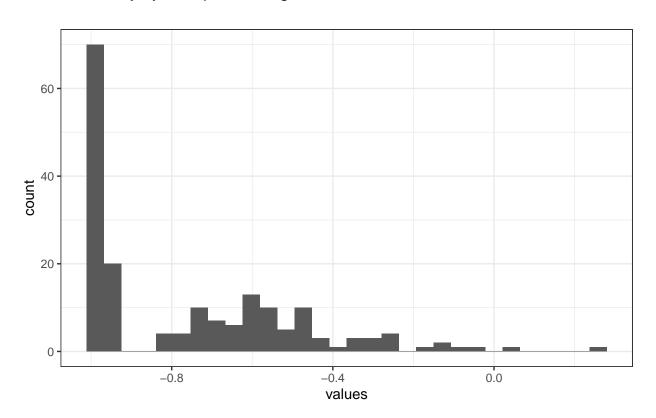


Figure~74:~Distribution~of~values~for~TimeBodyGyroscopeMagnitude.std..

name	data_ty <b>p</b> e_missi <b>ng</b> m	plete	_maite	medi	amax	mean	$\operatorname{sd}$	hist		label	
TimeBodyGyroscop	o <b>nMagniit</b> ude.9td	1	-	-	0.3	-	0.33688	82 <b>4</b> U+258	7> <u+2582< td=""><td>&gt;NN+2585&gt;</td><td>&gt;&lt;U<math>+258</math></td></u+2582<>	>NN+2585>	><U $+258$
			0.98	0.74		0.63039	947				

#### ${\bf Time Body Gyroscope Jerk Magnitude.std..}$

# Time Body Gyroscope Jerk Magnitude. std..



Figure~75:~Distribution~of~values~for~TimeBodyGyroscopeJerkMagnitude.std..

## **Distribution** 0 missing values.

#### **Summary statistics**

name	data_type_missingmplet	e <u>m</u> ia	ntemedi	iamax	mean	$\operatorname{sd}$	hist	label
TimeBodyGyroscop	e <b>Jean k M</b> riagnitu@de.std 1	-1	-	0.25	-	0.26550	05₹U+2587≥	><U+2583>NN+2582> <u+258< td=""></u+258<>
			0.88		0.75501	152		

## ${\bf Frequency Body Accelerometer.std...X}$

**Distribution** 0 missing values.

# Frequency Body Accelerometer. std... X

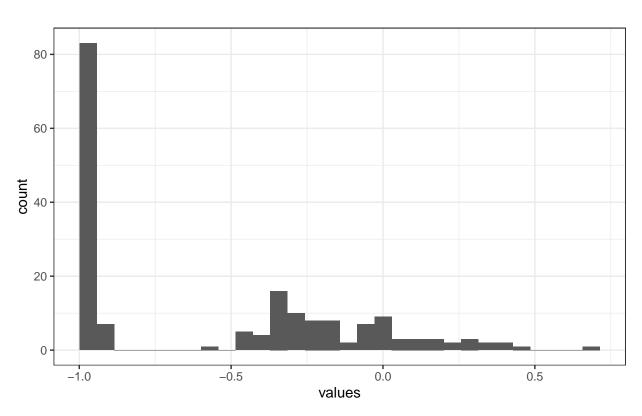


Figure 76: Distribution of values for FrequencyBodyAccelerometer.std...X

name	data_type_missingm	plete	_mait	æ med	iamax	mean	$\operatorname{sd}$	hist	label
FrequencyBodyAc	cehenomeneiter.st@X	1	-1	-	0.66	-	0.4600	23 <b>3</b> U+	-2587> <u+2582>NA)+2585&gt;<u+2582< td=""></u+2582<></u+2582>
				0.75	(	0.55220	)11		

#### ${\bf Frequency Body Accelerometer.std...Y}$

# FrequencyBodyAccelerometer.std...Y

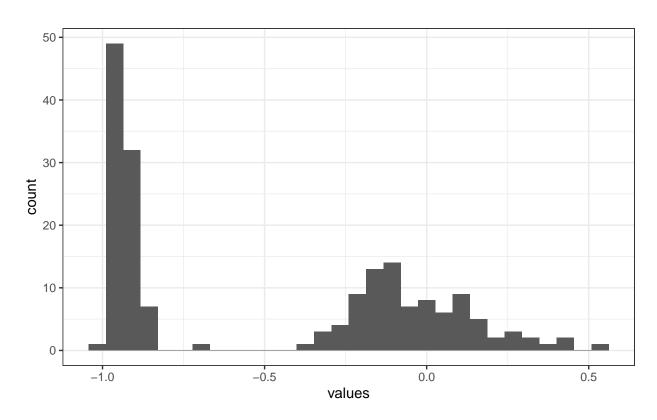


Figure 77: Distribution of values for FrequencyBodyAccelerometer.std...Y

**Distribution** 0 missing values.

#### **Summary statistics**

name	data_type_missing	nple	te <u>m</u> niant	e medi	iamax :	mean	$\operatorname{sd}$	hist	label
FrequencyBodyA	ccehenomeneiter.st0Y	1	-	-	0.56	-	0.4740	27 <b>₹</b> U+2	2587> <u+2581>NN+2585&gt;<u+2585< td=""></u+2585<></u+2581>
			0.99	0.51	(	0.4814	787		

## ${\bf Frequency Body Accelerometer.std...Z}$

**Distribution** 0 missing values.

# Frequency Body Accelerometer. std...Z

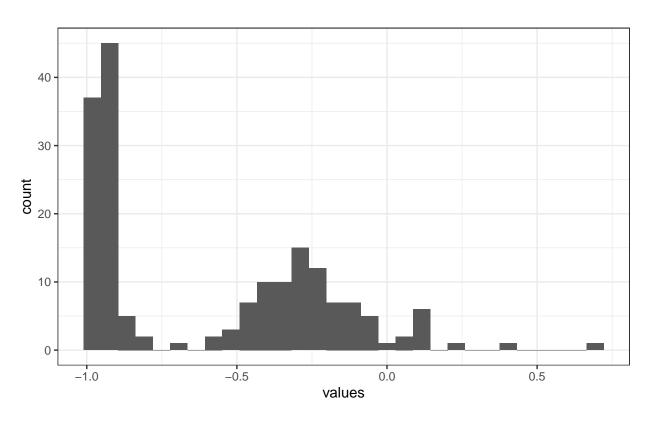


Figure 78: Distribution of values for FrequencyBodyAccelerometer.std...Z

name	data_ty <b>p</b> e_missi <b>ng</b> m	plete	e <u>m</u> niante	e medi	iamax	mean	$\operatorname{sd}$	hist	label
FrequencyBodyAco	edenomenéter.st0Z	1	-	-	0.69	-	0.38809	90 <b>2</b> U+2587>	> <u+2583>NN+2585&gt;<u+25< td=""></u+25<></u+2583>
			0.99	0.64		0.58236	614		

#### ${\bf Frequency Body Accelerometer Jerk. std... X}$

# FrequencyBodyAccelerometerJerk.std...X

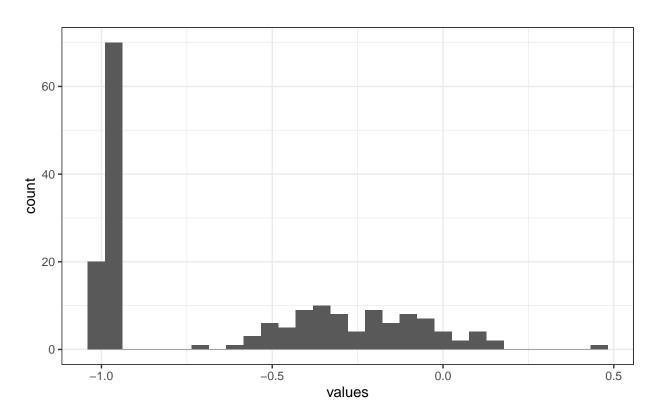


Figure 79: Distribution of values for FrequencyBodyAccelerometerJerk.std...X

**Distribution** 0 missing values.

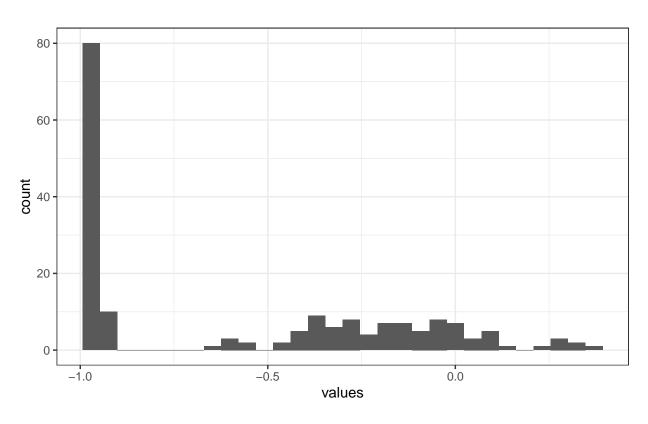
#### **Summary statistics**

name dat	a_ty <b>p</b> e_missi <b>ng</b> m	plet	te <u>m</u> ia	ntemedi	amax	mean	$\operatorname{sd}$	hist	label
FrequencyBodyAccelerm	metricJerk.0tdX	1	-1	-	0.48	-	0.4004	50 <b>6</b> U+	-2587><U $+2582>$ NN $+2583><$ U $+2$
				0.83		0.6121	033		

## ${\bf Frequency Body Accelerometer Jerk. std...Y}$

**Distribution** 0 missing values.

# ${\bf Frequency Body Accelerometer Jerk. std...Y}$



Figure~80:~Distribution~of~values~for~FrequencyBodyAccelerometerJerk.std...Y

name data_type_missingm	plet	e <u>m</u> niante	$\operatorname{sd}$	hist	label		
FrequencyBodyAccele <b>rometric</b> Jerk. <b>9</b> tdY	1	-	-	0.35 -	0.4319	87 <b>3</b> U+	+2587> <u+2581>NN+2583&gt;<u+258< td=""></u+258<></u+2581>
		0.99	0.79	0.57073	31		

#### ${\bf Frequency Body Accelerometer Jerk. std...Z}$

# Frequency Body Accelerometer Jerk. std...Z

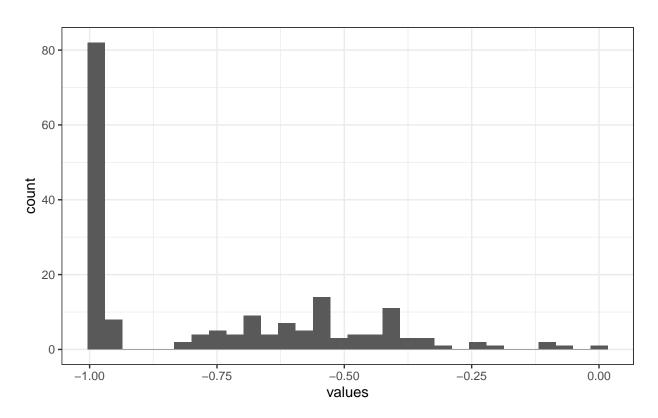


Figure 81: Distribution of values for FrequencyBodyAccelerometerJerk.std...Z

**Distribution** 0 missing values.

#### **Summary statistics**

name	data_twpenissingnplet	e <u>m</u> niante m	ediamax	mean	$\operatorname{sd}$	hist	label
FrequencyBodyAcc	el <b>emonmentie</b> rJerk.stdZ1		-	-	0.257	05 <b>7T</b> U+25	587> <u+2583nau+2583><u+258< td=""></u+258<></u+2583nau+2583>
		0.99 0.	9 0.006	$2\ 0.75648$	394		

## ${\bf Frequency Body Gyroscope.std...X}$

**Distribution** 0 missing values.

# Frequency Body Gyroscope.std...X

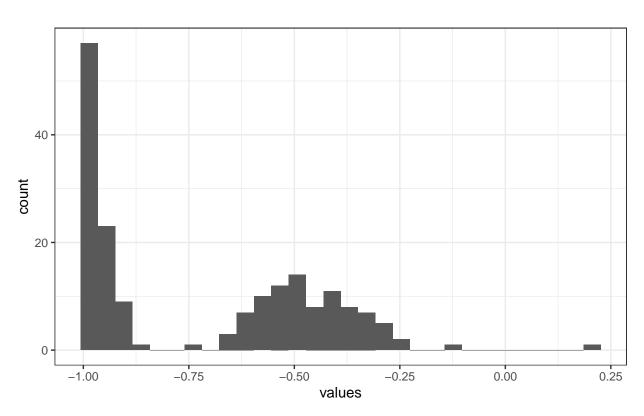


Figure 82: Distribution of values for FrequencyBodyGyroscope.std...X

name	data_type_missing	mplete	maite	medi	amax	x mean	$\operatorname{sd}$	hist	label
FrequencyBodyGy	nosnogrėcstdX	1	-	-	0.2	-	0.272	78QU+2587	> <u+2582>&lt;<b>VA</b>+2585&gt;<u+25< td=""></u+25<></u+2582>
			0.99	0.81		0.71103	357		

#### ${\bf Frequency Body Gyroscope.std...Y}$

# FrequencyBodyGyroscope.std...Y

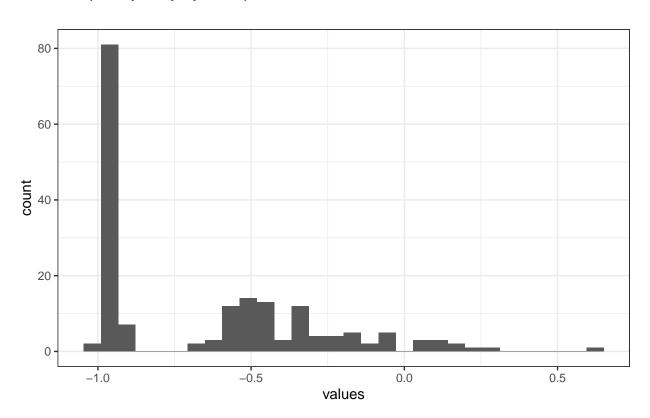


Figure 83: Distribution of values for FrequencyBodyGyroscope.std...Y

**Distribution** 0 missing values.

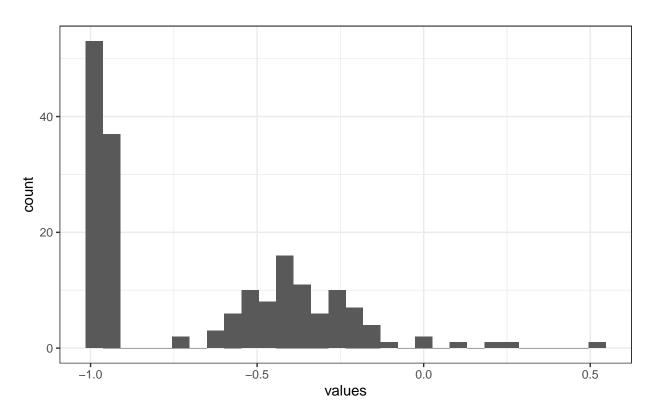
#### **Summary statistics**

name d	lata_type_missingm	plete	_maite	med	iamax	mean	$\operatorname{sd}$	hist	labe	1
FrequencyBodyGym	nsnoprėcstd(Y	1	-	-	0.65	-	0.3634	445U+2	2587> <u+2585>NA</u+2585>	+2582 > < U + 2581
			0.99	0.8		0.64543	334			

## ${\bf Frequency Body Gyroscope.std...Z}$

**Distribution** 0 missing values.

# Frequency Body Gyroscope. std...Z



Figure~84:~Distribution~of~values~for~FrequencyBodyGyroscope.std...Z

name	data_type_missingm	plete	maite	medi	iamax	mean	$\operatorname{sd}$	hist	label
FrequencyBodyGy	v <b>nosnoqrė</b> cstd <b>Ø</b>	1	-	-	0.52	-	0.33620	014U+2587	> <U+2583>NN+2583> <u+258< td=""></u+258<>
			0.99	0.82		0.65774	166		

#### ${\bf Frequency Body Accelerometer Magnitude. std..}$

## FrequencyBodyAccelerometerMagnitude.std..

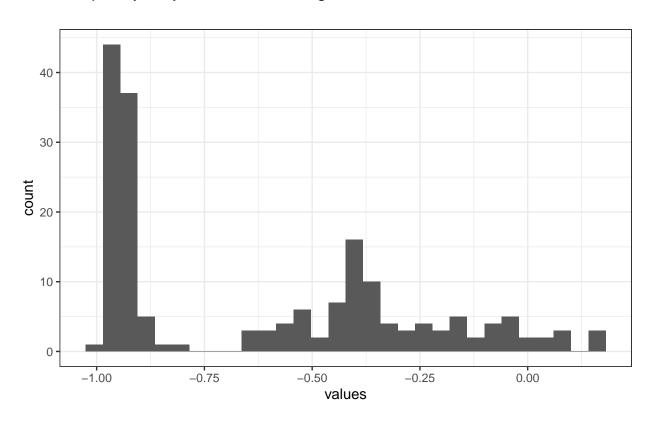


Figure 85: Distribution of values for FrequencyBodyAccelerometerMagnitude.std..

## **Distribution** 0 missing values.

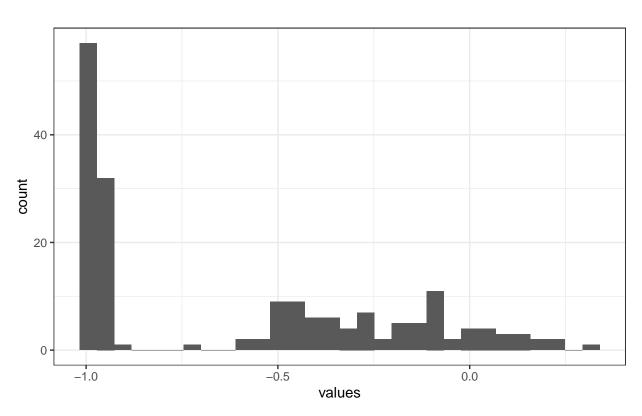
#### **Summary statistics**

name	data_typemissingnpletemia	te med	iamax	mean	$\operatorname{sd}$	hist	label
FrequencyBodyAccel	er <b>ometeri</b> Maghitude.stil	-	0.18	-	0.3529	9148U+	2587 > <U+ $2581$ MAU+ $2583 > <$ U+ $258$
	0.99	0.65		0.62096	333		

#### ${\bf Frequency Body Accelerometer Jerk Magnitude. std..}$

**Distribution** 0 missing values.

# Frequency Body Accelerometer Jerk Magnitude. std..



 $\label{prop:solution} \mbox{Figure 86: Distribution of values for FrequencyBodyAccelerometerJerkMagnitude.std.}.$ 

name	data_tynpemissingnplete_miante	e medi	amax mean	$\operatorname{sd}$	hist	label
FrequencyBodyAccelere	o <b>mnetneerlie</b> rk Magnitud <b>e</b> .std	-	0.32 -	0.408	66 <b>6</b> 8U+	-2587> <u+2581;nau+2583><u+258< td=""></u+258<></u+2581;nau+2583>
	0.99	0.81	0.59916	609		

 ${\bf Frequency Body Gyroscope Magnitude. std..}$ 

## FrequencyBodyGyroscopeMagnitude.std..

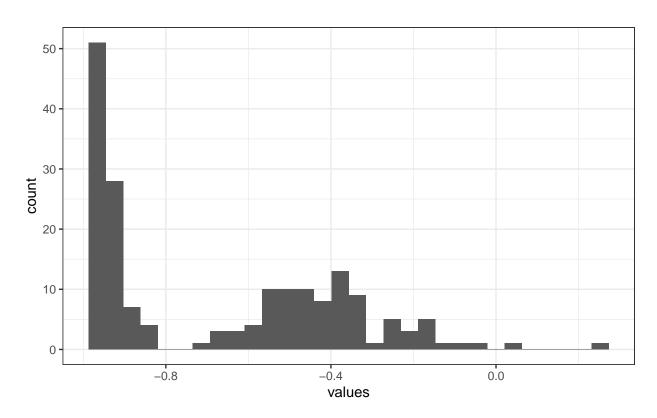


Figure 87: Distribution of values for FrequencyBodyGyroscopeMagnitude.std..

**Distribution** 0 missing values.

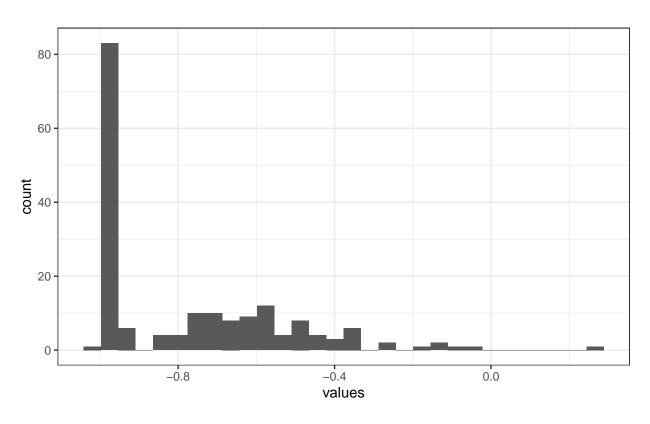
#### **Summary statistics**

name	data_type_missingmplet	e <u>m</u> nianto	e medi	amax	mean	$\operatorname{sd}$	hist	label
FrequencyBodyGyr	oscopæMagnit@de.std 1	-	-	0.24	-	0.2931	842U+2	2587><U $+2582>$ NN $+2585><$ U $+2585>$
		0.98	0.77		0.67232	223		

Frequency Body Gyroscope Jerk Magnitude. std..

**Distribution** 0 missing values.

# Frequency Body Gyroscope Jerk Magnitude. std..



Figure~88:~Distribution~of~values~for~FrequencyBodyGyroscopeJerkMagnitude.std..

name dat	${\rm data\_ty\!\!\:\!$				$\operatorname{sd}$	hist	label
FrequencyBodyGyroscape	ohenkieMa@nitude.std1	-	0.29	-	0.2504	42 <b>4</b> &J+	-2587><U $+2583$ NAU $+2581><$ U $+258$
		0.89		0.77151	171		

## Missingness report

## Codebook table

name data <u>nty</u> po	iessimgl	eteu:	uridpatyin mediamax mean sd whitespiste label
activity character	1	6	0 6 NA 18 NA NA 0 NA NA
subjects numer@c	1	NA	${\rm NA}1.00015.50$
TimeBodyAccelerometer.meanXnumer <b>0</b> c			NA~0.2220.2770.3015.27430027~2N646~< N~2581>< U+2581> <
$\label{eq:continuous_continuous_continuous} Time Body Accelerometer. mean Y numer \textbf{0} c$			$\begin{array}{cccccccccccccccccccccccccccccccccccc$
$\label{thm:condition} Time Body Accelerometer.mean Znumer \textbf{0} c$	1	NA	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
TimeGravityAccelerometer.meannXimen0c			$\begin{array}{cccccccccccccccccccccccccccccccccccc$
$Time Gravity Accelerometer. mean \verb Mimer  0 c$	1	NA	NA - 0.9566 - 0.345 $\mathbf{N}$ 3 $\mathbf{N}$ 6 <u+2587>&lt;<math>\mathbf{N}</math>42587&gt;<u+2585< td=""></u+2585<></u+2587>
$\label{thm:condition} Time Gravity Accelerometer. mean \emph{Mamero} c$			$\begin{array}{llllllllllllllllllllllllllllllllllll$
TimeBodyAccelerometerJerk.meamuiXieiOc		NA	NA~0.0430.0764.1302.07947.306.28880~< U + 2581 > < N + 2587 > < U + 2583 > < U + 2581 > < (U + 2581) > < (U +
TimeBodyAccelerometerJerk.meamuiMen@c			$\begin{array}{llllllllllllllllllllllllllllllllllll$
TimeBodyAccelerometerJerk.meamuinei@c			$\begin{array}{cccccccccccccccccccccccccccccccccccc$
TimeBodyGyroscope.meanX numer@c			NA 0.1927 - 0.054N5A18 <u+2581><na2582><u+2583 0.2060.0287</u+2583 </na2582></u+2581>
TimeBodyGyroscope.meanY numer@c			NA 0.0275 - 0.035 <b>N4</b> 15 <u+2581>&lt;<b>NA</b>2581&gt;<u+258' 0.0742596<="" 0.2040.0732="" td=""></u+258'></u+2581>
TimeBodyGyroscope.meanZ numer@c			NA - 0.0850.1790.087404.036X1425 <u+2581><na2581><u+2583 0.072</u+2583 </na2581></u+2581>
$\label{thm:condition} Time Body Gyroscope Jerk.meanX numer \textbf{0} c$			NA 0.023 <b>N</b> 458 <u+2581>&lt;<b>N</b>\$\text{\text{\$\Lambda\$}}2582&gt;<u+258' 0.1570.098<b="" \\="">7.022<b>1</b>.0960568</u+258'></u+2581>
$\label{thm:condition} Time Body Gyroscope Jerk.mean \textit{Y} numer \textbf{0} c$	1	NA	NA
$\label{thm:condition} Time Body Gyroscope Jerk.mean {\it Z} numer {\it 0} c$	1	NA	NA
$\label{thm:convergence} Time Body Accelerometer Magnitud \textbf{e.umea} \textbf{0} \textbf{c}.$			NA 0.6446 - 0.472 <b>N</b> 84 <u+2587>&lt;<b>N</b>42581&gt;<u+2586< td=""></u+2586<></u+2587>
$Time Gravity Accelerometer Magnitum {\bf denomina} {\bf a}.$			NA 0.6446 - 0.472 <b>N</b> 84 <u+2587>&lt;<b>N</b>42581&gt;<u+2586< td=""></u+2586<></u+2587>
Time Body Accelerometer Jerk Mag mitumket fu each transfer and the following properties of the	in1	NA	NA 0.4345 - 0.396N2N2 <u+2587><na2582><u+258< td=""></u+258<></na2582></u+2587>
Time Body Gyroscope Magnitude. meamen c			NA 0.4180 - 0.397N388 <u+2587><na2581><u+258 0.9810.6551 0.5651631</u+258 </na2581></u+2587>
$\label{thm:constraint} Time Body Gyroscope Jerk Magnitu \textbf{denne} \textbf{da} \dots.$			NA 0.0876 - 0.276N541 <u+2587><na2583><u+258 0.9970.8648    0.7363693</u+258 </na2583></u+2587>
FrequencyBodyAccelerometer.meanunXei0c	1	NA	NA 0.5370 - 0.430N2A4 <u+2587><na2581><u+2585< td=""></u+2585<></na2581></u+2587>

 $0.9950.7691 \quad 0.5758000$ 

name data <u>nty</u>	sessimBra	<u>ateu</u>	manipayin medianax mean su wintespasce iabei
FrequencyBodyAccelerometer.meanunYer0c	1 ]	NA	NA 0.5242 - 0.480 <b>N</b> 406 <u+2587><na2581><u+2583< td=""></u+2583<></na2581></u+2587>
FrequencyBodyAccelerometer.meamurZer0c	1 ]	NA	NA 0.2807 - 0.355 <b>N</b> 469 <u+2587><na2582><u+2585 0.9890.7236  0.6297388</u+2585 </na2582></u+2587>
FrequencyBodyAccelerometer.meanuFræqûcX	1 ]	NA	NA 0.1591 - 0.193 <b>N6</b> 84 <u+2582>&lt;<b>N</b>\$\text{A}2587&gt;<u+2586< td=""></u+2586<></u+2582>
FrequencyBodyAccelerometer.meanuFræqûcY	1 ]	NA	NA - 0.0079.4665.0115289.447051 <u+2581><na2585><u+2587< td=""></u+2587<></na2585></u+2581>
FrequencyBodyAccelerometer.meamFræqucZ	1 ]	NA	NA - 0.0658.4025.04371.785NN3 <u+2581><na2582><u+2586< td=""></u+2586<></na2582></u+2581>
FrequencyBodyAccelerometerJerkmeam@cX	1 ]	NA	NA 0.4743 - 0.398 <b>N</b> 896 <u+2587><na2582><u+2583< td=""></u+2583<></na2582></u+2587>
FrequencyBodyAccelerometerJerkmeam@cY	1 ]	NA	NA 0.2767 - 0.407N491 <u+2587><na2581><u+2583 0.9890.7817 0.5881631</u+2583 </na2581></u+2587>
Frequency Body Accelerometer Jerk mean 0 Z	1 ]	NA	NA 0.1578 - 0.297N225 <u+2587><na2582><u+2583< td=""></u+2583<></na2582></u+2587>
$\label{lem:condition} Frequency Body Accelerometer Jerk \textbf{mean} \textbf{R} \textbf{r} e$	q <b>X</b>	NA	
$\label{lem:condition} Frequency Body Accelerometer Jerk \textbf{mean} \textbf{R} \textbf{r} e$	q <b>Y</b>	NA	
Frequency Body Accelerometer Jerk mean 0 r e	q <b>Z</b> ]	NA	NA 0.2301 - 0.207NA2 <u+2582><na2585><u+2583 0.6280.0919</u+2583 </na2585></u+2582>
Frequency Body Gyroscope.meanX umer 0 c	1 1	NA	NA 0.4750 - 0.346N628 <u+2587><na2582><u+2585< td=""></u+2585<></na2582></u+2587>
Frequency Body Gyroscope.mean Y umer 0 c	1 ]	NA	NA 0.3288 - 0.331N182 <u+2587><na2583><u+2583 0.9940.8141 0.6766868</u+2583 </na2583></u+2587>
$Frequency Body Gyroscope.mean \hbox{\it Z} umer \hbox{\it 0} c$	1 ]	NA	NA 0.4924 - 0.384 <b>M6</b> 03 <u+2587>&lt;<b>N</b>\$\text{A}2582&gt;<u+2585< td=""></u+2585<></u+2587>
Frequency Body Gyroscope.mean Frequency Body Gyroscope.mean Frequency Body Gyroscope.	1 ]	NA	NA - 0.2492 - 0.148 <b>N9</b> ∇5 <u+2583>&lt;<b>N</b>\$\(\begin{array}{c} \hbar{42587} \end{array} &lt; \text{U} + 2583 \rightarrow \hbar{42587} \end{array} &lt; \text{U} + 2583 \rightarrow \hbar{42587} \end{array} \rightarrow \hbar{42587} \rightarrow \hbar{42587} \end{array} \rightarrow \hbar{42587} \rightarrow \hb</u+2583>
Frequency Body Gyroscope.mean Freque ViO c	1 ]	NA	NA 0.2731 - 0.178 <b>N</b> 0 <b>N</b> 11 <u+2581><n<b>A2585&gt;<u+2587< td=""></u+2587<></n<b></u+2581>
Frequency Body Gyroscope.mean FrequenZt0c	1 ]	NA	NA 0.3771 - 0.165 <b>N2A</b> 98 <u+2581>&lt;<b>NA</b>2583&gt;<u+2587< td=""></u+2587<></u+2581>
FrequencyBodyAccelerometerMag <b>nitudeOc</b> ne	eanl. I	NA	
FrequencyBodyAccelerometerMag <b>nitudeOc</b> ne	eanFred	ŅΑ	NA - 0.0813.4358.076128210N479 <u+2581><na2585><u+2587< td=""></u+2587<></na2585></u+2581>
FrequencyBodyAccelerometerJerkMagailland	le.mear	ΝA	
FrequencyBodyAccelerometerJerkMmgmilter	le.mear	<b>NEA</b> te	
Frequency Body Gyroscope Magnitu denne d c .	. 1	NA	
FrequencyBodyGyroscopeMagnitudemedanl	Freq 1	NA	NA - $0.4095$ - $0.180$ N351 $<$ U+2582 $><$ N $ + 2587><$ U+2587
FrequencyBodyGyroscopeJerkMag <b>nituel@c</b> m	ea <b>i</b> ]	NA	
FrequencyBodyGyroscopeJerkMagnituel@cm	ea <b>i</b> lFre	ŊΑ	
Angle.TimeBodyAccelerometerMeann@endwid	y. 1	NA	
			0.169

data<u>ntyppissingleteuri</u>ppayin medianax mean sd

name

whites**pist**e

label

0.163

name da	ata <u>nty</u> ppies	simpleter	uriquayin medianax mean sd	whitespiste	label
Angle.TimeBodyAccelerometerJerk	<b>Mean</b> cGra	avity <b>NI</b> &	anNA - 0.0030.2033.00064.399 0.121	12 <b>M63</b> 2 < U+258	2 > < N A 2587 > < U + 2586
${\bf Angle. Time Body Gyroscope Mean. \textbf{G}}$	<b>uarvėt®</b> dMea	ıl. NA		40N2V6 < U+258	1>< <b>NA</b> 2581> <u+258′< td=""></u+258′<>
${\bf Angle. Time Body Gyroscope Jerk Me a}$	<b>um@ne</b> vity	MeaN.A			1> <na2583><u+258< td=""></u+258<></na2583>
Angle.X.GravityMean.	ume <b>:0</b> c	1 NA		31 <b>21</b> 80 < U+258	7> <na2582><u+2583< td=""></u+2583<></na2582>
Angle.Y.GravityMean.	umei <b>0</b> c	1 NA			1>< <b>N</b> \$\text{\$\A}2581><\U+2583
Angle.Z.GravityMean.	umer <b>0</b> c	1 NA	NA - 0.0050.3904 - 0.23		1>< <b>N</b> \$\dag{2}581>< <b>U</b> +2583
TimeBodyAccelerometer.stdX n	ume1 <b>0</b> c	1 NA			7>< <b>N</b> \$\dag{1}2582><\U+2585
TimeBodyAccelerometer.stdY n	umer <b>0</b> c	1 NA			7> <na2581><u+2585< td=""></u+2585<></na2581>
TimeBodyAccelerometer.stdZ ne	ume <b>ı0</b> c	1 NA		05NA39 < U+258	7 > < NA2582 > < U + 2585
Time Gravity Accelerometer.stdXnn	umeı <b>0</b> c	1 NA		25 <b>N34</b> 4 < U+258	7> <na2586><u+2583< td=""></u+2583<></na2586>
Time Gravity Accelerometer.stdYn	umei <b>0</b> c	1 NA		32N5A57 < U+258	7> <na2581><u+2583< td=""></u+2583<></na2581>
Time Gravity Accelerometer.stdZne	umer <b>0</b> c	1 NA		402942 < U + 258	7> <na2582><u+2583< td=""></u+2583<></na2582>
TimeBodyAccelerometerJerk.stdX	umer <b>0</b> c	1 NA		.7 <b>N</b> 865 < U+258	7 > < N + 2582 > < U + 2585
${\bf Time Body Accelerometer Jerk. stdM}$	űmer <b>0</b> c	1 NA	NA 0.3553 - 0.43	33NSV71 < U+258	7> <na2581><u+2583< td=""></u+2583<></na2581>
${\bf Time Body Accelerometer Jerk. std {\bf \it $	iumei <b>0</b> c	1 NA		76 <b>N47</b> 9 < U+258	7>< <b>N</b> \$\dag{1}2582><\U+2583
TimeBodyGyroscope.stdX	umei <b>0</b> c	1 NA		01N1A89 < U+258	7>< <b>N</b> \$\dag{1}2583><\U+2583
TimeBodyGyroscope.stdY	umer <b>0</b> c	1 NA		5200252 < U + 258	7> <na2585><u+2585< td=""></u+2585<></na2585>
TimeBodyGyroscope.stdZ	umer <b>0</b> c	1 NA		30264 < U + 258	7> <na2582><u+2585< td=""></u+2585<></na2582>
TimeBodyGyroscopeJerk.stdX n	umer <b>0</b> c	1 NA		008361 < U + 258	7> <na2582><u+2583< td=""></u+2583<></na2582>
TimeBodyGyroscopeJerk.stdY n	umer <b>0</b> c	1 NA		57 <b>1388</b> 5 < U+258	7> <na2583><u+2583< td=""></u+2583<></na2583>
TimeBodyGyroscopeJerk.stdZ ne	umeı <b>0</b> c	1 NA		04 <b>N34</b> 94 < U+258	7> <na2583><u+2583< td=""></u+2583<></na2583>
${\bf Time Body Accelerometer Magnitude}$	untaerija	1 NA		31N/448 < U+258	7> <na2581><u+2585< td=""></u+2585<></na2581>
Time Gravity Accelerometer Magnitum	ndhen et Odc.	1 NA		31N/448 < U+258	7> <na2581><u+2585< td=""></u+2585<></na2581>
${\it Time Body Accelerometer Jerk Magning}$	tumakenOktd	1 NA		22M9453 < U+258	7> <na2582><u+2583< td=""></u+2583<></na2582>
${\bf Time Body Gyroscope Magnitude. stade}$	umei <b>0</b> c	1 NA		36 <b>N</b> 827 < U+258	7> <na2582><u+2585< td=""></u+2585<></na2582>
${\bf Time Body Gyroscope Jerk Magnitu \textbf{d}}$	<b>e.stelû</b> c	1 NA	0.9810.7420 0.6303947 NA 0.2502 - 0.26 0.9980.8809 0.7550152	65 $M0$ $45$ $7$ $4$ $U+25$ $8$	7>< <b>N</b> <u></u> 42583> <u+2583< td=""></u+2583<>

0.9980.8809 0.7550152

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FrequencyBodyAccelerometer.std.nXmen0c	1 NA	A NA 0.6585 - 0.460N2R3 <u+2587><na2582><u+258 0.9970.7470 0.5522011</u+258 </na2582></u+2587>
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JSON-LD metadata The following JSON-LD can be found by search engines, if you share this codebook publicly on the web.

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