Codebook

Contents

Set up Code book options

```
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())
```

Code book preparation

```
library(codebook)

codebook_data <- rio::import("codebook_source/accellerometer.rds")

# omit the following lines, if your missing values are already properly labelled
codebook_data <- detect_missing(codebook_data,
```

```
    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

)
```

```
codebook_data <- detect_scales(codebook_data)
```

Create codebook

```
codebook(codebook_data)
```

```
## No missing values.
```

Metadata

Description   Dataset name: Accelerometer Standard Deviation and Mean Data

This data set contains the standard deviation and mean of the original data. See the README.txt found in the original data, "sample_data/getdata_projectfiles_UCI_HAR_Dataset/UCI HAR Dataset/README.txt", for more information.

Metadata for search engines

- **Spatial Coverage**: Online

- **Citation**: Davide Anguita, Alessandro Ghio, Luca Oneto, Xavier Parra and Jorge L. Reyes-Ortiz. Human Activity Recognition on Smartphones using a Multiclass Hardware-Friendly Support Vector Machine. International Workshop of Ambient Assisted Living (IWAAL 2012). Vitoria-Gasteiz, Spain. Dec 2012

- **URL**: https://github.com/rodelor97/GettingCleaningDataWeek4Project

- **Date published**: 2021-01-23

- **Creator**:

name	value
1	Robert de Lorimier

#Variables

subject_id

Subject id

Distribution   0 missing values.

x
subject_id
activity_name
timeof_body_accel_mean_x
timeof_body_accel_mean_y
timeof_body_accel_mean_z
timeof_body_accel_std_x
timeof_body_accel_std_y
timeof_body_accel_std_z
timeof_gravity_accel_mean_x
timeof_gravity_accel_mean_y
timeof_gravity_accel_mean_z
timeof_gravity_accel_std_x
timeof_gravity_accel_std_y
timeof_gravity_accel_std_z
timeof_body_accel_jerk_mean_x
timeof_body_accel_jerk_mean_y
timeof_body_accel_jerk_mean_z
timeof_body_accel_jerk_std_x
timeof_body_accel_jerk_std_y
timeof_body_accel_jerk_std_z
timeof_body_gyro_mean_x
timeof_body_gyro_mean_y
timeof_body_gyro_mean_z
timeof_body_gyro_std_x
timeof_body_gyro_std_y
timeof_body_gyro_std_z
timeof_body_gyro_jerk_mean_x
timeof_body_gyro_jerk_mean_y
timeof_body_gyro_jerk_mean_z
timeof_body_gyro_jerk_std_x
timeof_body_gyro_jerk_std_y
timeof_body_gyro_jerk_std_z
timeof_body_accel_magn_mean
timeof_body_accel_magn_std
timeof_gravity_accel_magn_mean
timeof_gravity_accel_magn_std
timeof_body_accel_jerk_magn_mean
timeof_body_accel_jerk_magn_std
timeof_body_gyro_magn_mean
timeof_body_gyro_magn_std
timeof_body_gyro_jerk_magn_mean
timeof_body_gyro_jerk_magn_std
frequ_body_accel_mean_x
frequ_body_accel_mean_y
frequ_body_accel_mean_z
frequ_body_accel_std_x
frequ_body_accel_std_y
frequ_body_accel_std_z
frequ_body_accel_mean_freq_x
frequ_body_accel_mean_freq_y
frequ_body_accel_mean_freq_z
frequ_body_accel_jerk_mean_x
frequ_body_accel_jerk_mean_y
frequ_body_accel_jerk_mean_z
frequ_body_accel_jerk_std_x
frequ_body_accel_jerk_std_y
frequ_body_accel_jerk_std_z

subject_id

Subject id

Figure 1: Distribution of values for subject_id

Summary statistics

name	label	data_type	n_missing	complete_rate	min	median	max	mean	sd	hist
subject_id	Subject id	numeric	0	1	1	17	30	16.14642	8.679067	

activity_name

Activity name
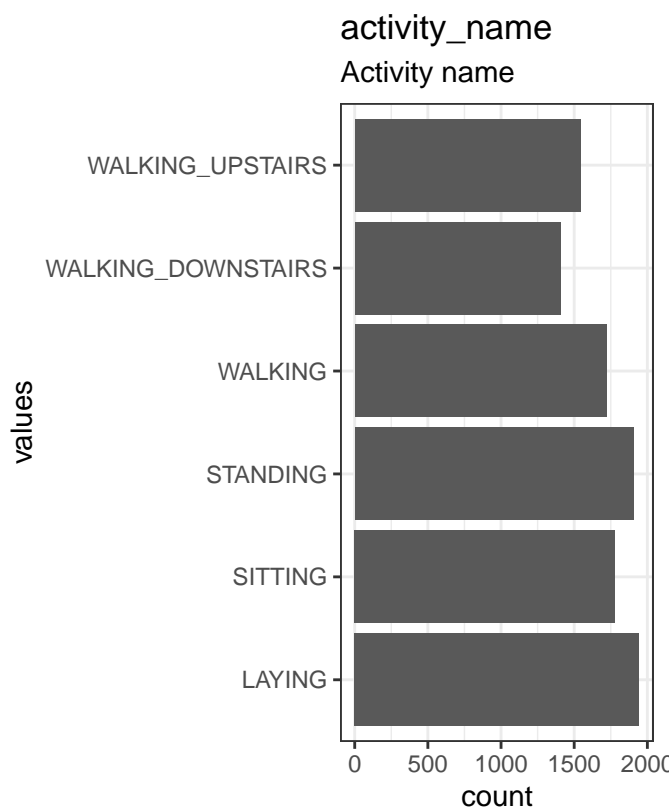
Figure 2: Distribution of values for activity_name

Distribution   0 missing values.

Summary statistics

name	label	data_type	n_missing	complete_rate	n_unique	empty	min	max	whitespace
activity_name	Activity name	character	0	1	6	0	6	18	0

timeof_body_accel_mean_x

Time domains signal (50Hz const rate), body acceleration mean X axis,

Distribution   0 missing values.

timeof_body_accel_mean_x

Time domains signal (50Hz const rate), body acceleration mean X axis,
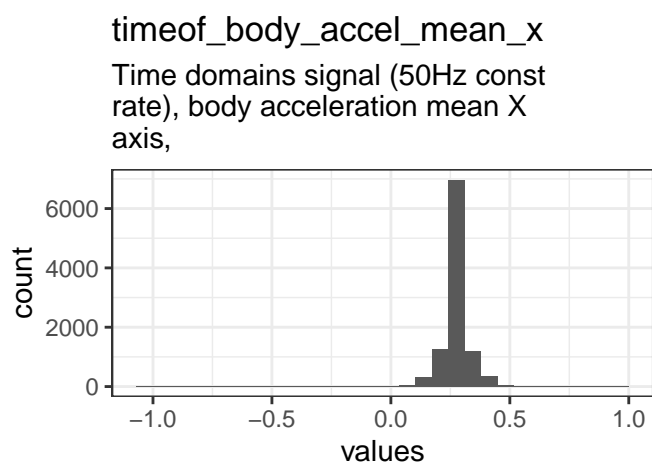
Figure 3: Distribution of values for timeof_body_accel_mean_x

Summary statistics

name	label	data_type	missing	complete	min	median	max	mean	sd	hist
timeof_body_accel_mean_x	Time domains signal (50Hz const rate), body acceleration mean X axis,	numeric	0	1	-1	0.28	1	0.274347.9	0.3676278	

timeof_body_accel_mean_y

Time domains signal (50Hz const rate), body acceleration mean Y axis,

timeof_body_accel_mean_y

Time domains signal (50Hz const rate), body acceleration mean Y axis,

Figure 4: Distribution of values for timeof_body_accel_mean_y

Distribution   0 missing values.

Summary statistics

name	label	data_type	missing	complete	min	median	max	mean	sd	hist
timeof_body_accel_mean_y	Time domains signal (50Hz const rate), body acceleration mean Y axis,	numeric	0	1	-1	0.017	1	0.0177435	0.0371282	

timeof_body_accel_mean_z

Time domains signal (50Hz const rate), body acceleration mean Z axis,

Figure 5: Distribution of values for timeof_body_accel_mean_z

name	label	data_type	n_missing	complete_rate	min	median	max	mean	sd	hist
timeof_body_accel_mean_z	Time domains signal (50Hz const rate), body acceleration mean Z axis,	numeric	0	1	-1	-0.11	1	-0.108925	0.0530331	

timeof_body_accel_std_x

Time domains signal (50Hz const rate), body acceleration standard deviation X axis,

Figure 6: Distribution of values for timeof_body_accel_std_x

Distribution   0 missing values.

Summary statistics

name	label	data_type	n_missing	complete_rate	min	median	max	mean	sd	hist
timeof_body_accel_std_x	Time domains signal (50Hz const rate), body acceleration standard deviation X axis,	numeric	0	1	-1	-0.94	1	-0.6077838	0.4386938	

timeof_body_accel_std_y

timeof_body_accel_std_y

Time domains signal (50Hz const rate), body acceleration standard deviation Y axis,

Figure 7: Distribution of values for timeof_body_accel_std_y

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
timeof_body_accel_std_y	Time domains signal (50Hz const rate), body acceleration standard deviation Y axis,	numeric	0	1	-1	-0.84	1	-0.5101914	0.5002398	

timeof_body_accel_std_z

Time domains signal (50Hz const rate), body acceleration standard deviation Z axis,

Figure 8: Distribution of values for timeof_body_accel_std_z

Distribution 0 missing values.

Summary statistics

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
timeof_body_accel_std_z	Time domains signal (50Hz const rate), body acceleration standard deviation Z axis,	numeric	0	1	-1	-0.85	1	-0.6130643	0.4036566	

timeof_gravity_accel_mean_x

timeof_gravity_accel_mean_x

Time domains signal (50Hz const
rate), gravity acceleration mean X
axis,

Figure 9: Distribution of values for timeof_gravity_accel_mean_x

name	label	data_type	n_missing	complete_rate	min	median	max	mean	sd	hist
timeof_gravity_accel_mean_x	Time domains signal (50Hz const rate), gravity acceleration mean X axis,	numeric	0	1	-1	0.92	1	0.6692263154858		

timeof_gravity_accel_mean_y

Time domains signal (50Hz const rate), gravity acceleration mean Y axis,

timeof_gravity_accel_mean_y

Time domains signal (50Hz const
rate), gravity acceleration mean Y
axis,

Figure 10: Distribution of values for timeof_gravity_accel_mean_y

Distribution   0 missing values.

Summary statistics

name	label	data_type	n_missing	complete_rate	min	median	max	mean	sd	hist
timeof_gravity_accel_mean_y	Time domains signal (50Hz const rate), gravity acceleration mean Y axis,	numeric	0	1	-1	-0.14	1	0.00403388789092	16	

timeof_gravity_accel_mean_z

Time domains signal (50Hz const rate), gravity acceleration mean Z axis,
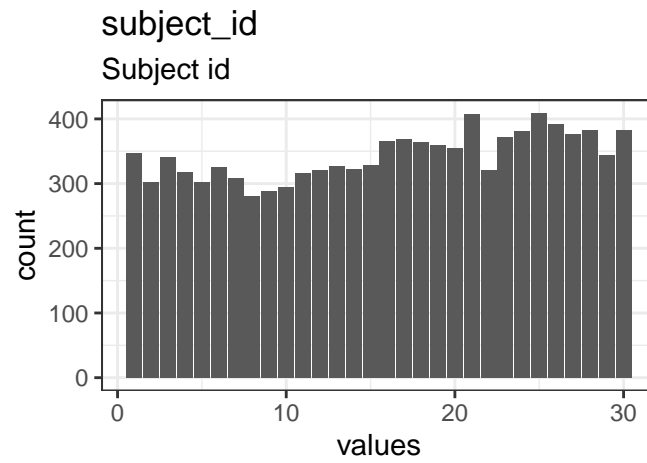

Figure 11: Distribution of values for timeof_gravity_accel_mean_z

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
timeof_gravity_accel_mean_z	Time domains signal (50Hz const rate), gravity acceleration mean Z axis,	numeric	0	1	-1	0.037	1	0.0921503	0.3342702	

timeof_gravity_accel_std_x

Time domains signal (50Hz const rate), gravity acceleration standard deviation X axis,

Figure 12: Distribution of values for timeof_gravity_accel_std_x

Distribution   0 missing values.

Summary statistics

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
timeof_gravity_accel_std_x	Time domains signal (50Hz const rate), gravity acceleration standard deviation X axis,	numeric	0	1	-1	-0.98	1	0.9652071	0.0777148	

timeof_gravity_accel_std_y

timeof_gravity_accel_std_y

Time domains signal (50Hz const rate), gravity acceleration standard deviation Y axis,

Figure 13: Distribution of values for timeof_gravity_accel_std_y

name	label	data_type	n_missing	complete_rate	min	median	max	mean	sd	hist
timeof_gravity_accel_std_y	Time domains signal (50Hz const rate), gravity acceleration standard deviation Y axis,	numeric	0	1	-1	- 0.98	1	- 0.954408	0.0852866	

timeof_gravity_accel_std_z

Time domains signal (50Hz const rate), gravity acceleration standard deviation Z axis,
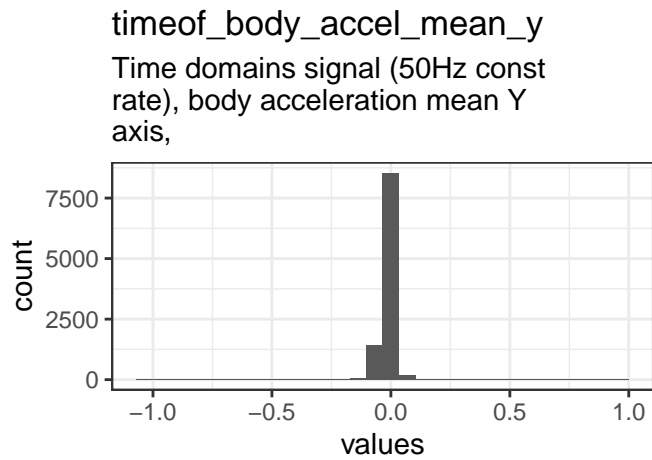

Figure 14: Distribution of values for timeof_gravity_accel_std_z

Distribution   0 missing values.

Summary statistics

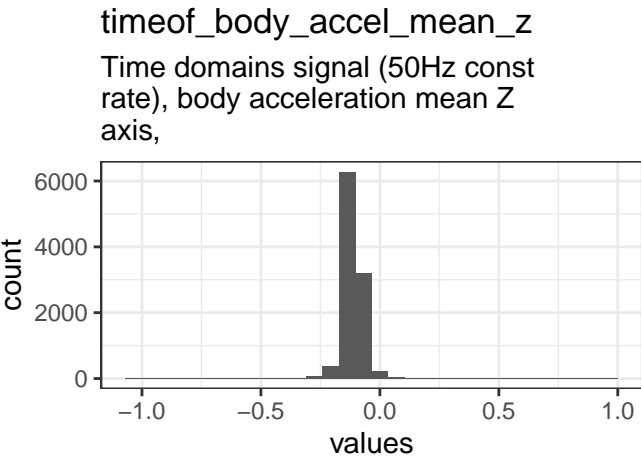| name	label	data_type	n_missing	complete_rate	min	median	max	mean	sd	hist
timeof_gravity_accel_std_z	Time domains signal (50Hz const rate), gravity acceleration standard deviation Z axis,	numeric	0	1	-1 18	- 0.97	1	- 0.938901	0.1015548	

timeof_body_accel_jerk_mean_x

Figure 15: Distribution of values for timeof_body_accel_jerk_mean_x

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
timeof_body_accel_jerk_mean_x	Time domains signal (50Hz const rate), body acceleration jerk mean X axis,	numeric	0	1	-1	0.076	1	0.078931	0.161125	

timeof_body_accel_jerk_mean_y

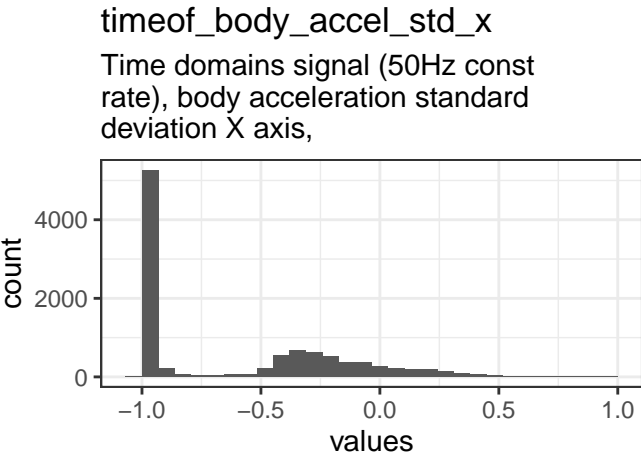Time domains signal (50Hz const rate), body acceleration jerk mean Y axis,

Figure 16: Distribution of values for timeof_body_accel_jerk_mean_y

Distribution 0 missing values.

Summary statistics

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
timeof_body_accel_jerk_mean_y	Time domains signal (50Hz const rate), body acceleration jerk mean Y axis,	numeric	0 19	1	-1	0.011	1	0.007948	0.161645184	

timeof_body_accel_jerk_mean_z

timeof_body_accel_jerk_mean_z

Time domains signal (50Hz const rate), body acceleration jerk mean Z axis,
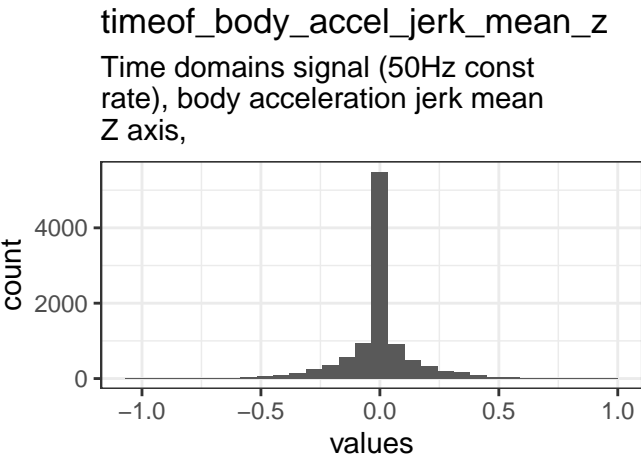
Figure 17: Distribution of values for timeof_body_accel_jerk_mean_z

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
timeof_body_accel_jerk_mean_z	Time domains signal (50Hz const rate), body acceleration jerk mean Z axis,	numeric	0	1	-1	- 0.0012	1	- 0.0046747	0.155979	

timeof_body_accel_jerk_std_x

Time domains signal (50Hz const rate), body acceleration jerk standard deviation X axis,
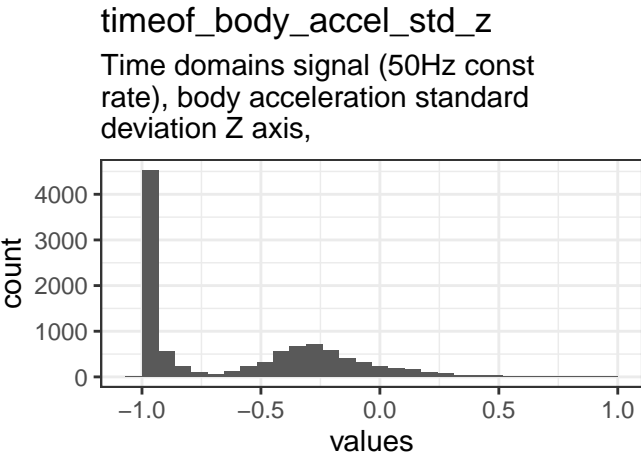
Figure 18: Distribution of values for timeof_body_accel_jerk_std_x

Distribution   0 missing values.

Summary statistics

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
timeof_body_accel_jerk_std_x	Time domains signal (50Hz const rate), body acceleration jerk standard deviation X axis,	numeric	0	1	- 1	- 0.95	1	0.639781	- 0.4087118	

timeof_body_accel_jerk_std_y

Time domains signal (50Hz const rate), body acceleration jerk standard deviation Y axis,

Figure 19: Distribution of values for timeof_body_accel_jerk_std_y

name	label	data_type	missing	complete	rate	min	median	max	mean	sd	hist
timeof_body_accel_jerk_std_y	Time domains signal (50Hz const rate), body acceleration jerk standard deviation Y axis,	numeric	0	1	- 1	- 0.93	1	- 0.6079716	0.4328845	

timeof_body_accel_jerk_std_z

Time domains signal (50Hz const rate), body acceleration jerk standard deviation Z axis,

Figure 20: Distribution of values for timeof_body_accel_jerk_std_z

Distribution 0 missing values.

Summary statistics

name	label	data_type	missing	complete	rate	min	median	max	mean	sd	hist
timeof_body_accel_jerk_std_z	Time domains signal (50Hz const rate), body acceleration jerk standard deviation Z axis,	numeric	0 21	1	- 1	- 0.95	1	- 0.7628202	0.2779014	

timeof_body_gyro_mean_x

timeof_body_gyro_mean_x

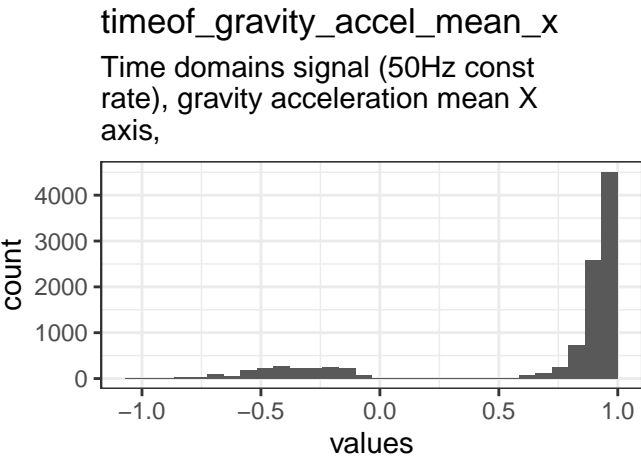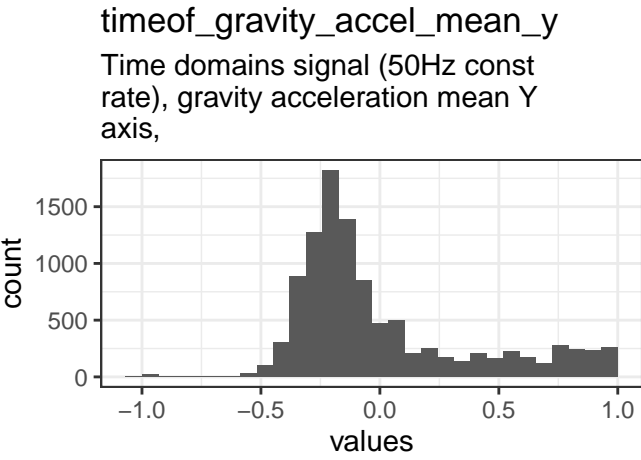Time domains signal (50Hz const rate), body gyroscope 3–axial raw signal mean X axis,
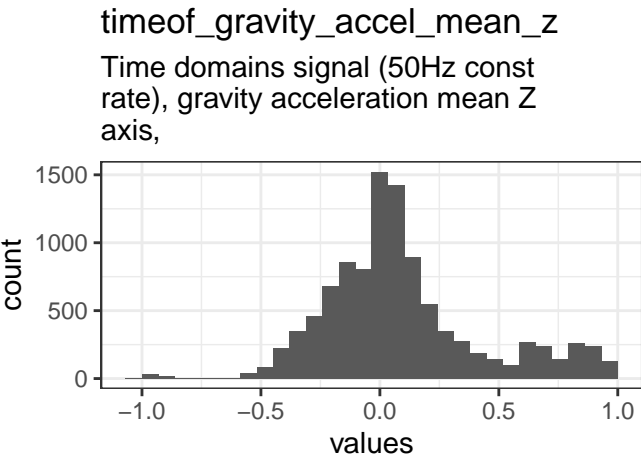

Figure 21: Distribution of values for timeof_body_gyro_mean_x

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
timeof_body_gyro_mean_x	Time domains signal (50Hz const rate), body gyroscope 3-axial raw signal mean X axis,	numeric	0	1	-1	-0.028	1	0.0309825	0.1831861	

timeof_body_gyro_mean_y

Time domains signal (50Hz const rate), body gyroscope 3-axial raw signal mean Y axis,
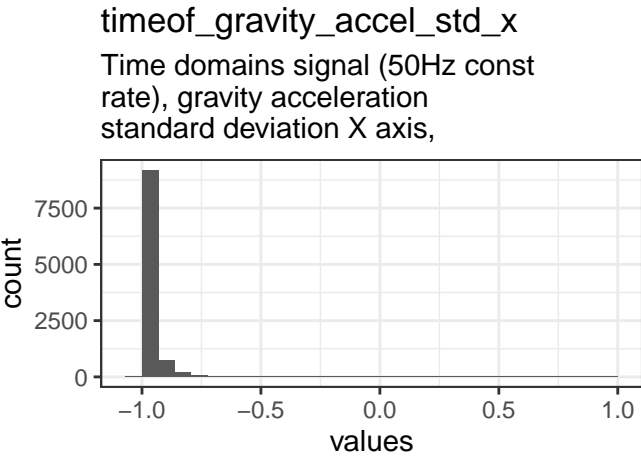

Figure 22: Distribution of values for timeof_body_gyro_mean_y

Distribution   0 missing values.

Summary statistics

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
timeof_body_gyro_mean_y	Time domains signal (50Hz const rate), body gyroscope 3-axial raw signal mean Y axis,	numeric	0	1	-1	-0.075	1	0.0747195	0.1343171	22

timeof_body_gyro_mean_z

timeof_body_gyro_mean_z

Time domains signal (50Hz const rate), body gyroscope 3–axial raw signal mean Z axis,
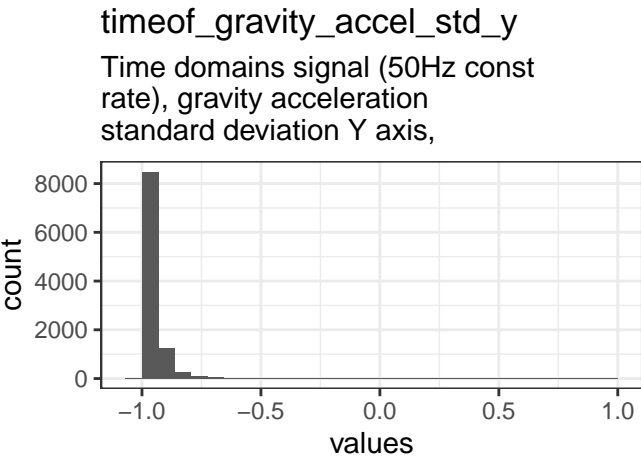

Figure 23: Distribution of values for timeof_body_gyro_mean_z

name	label	data_type	n_missing	complete_rate	min	median	max	mean	sd	hist
timeof_body_gyro_mean_z	Time domains signal (50Hz const rate), body gyroscope 3-axial raw signal mean Z axis,	numeric	0	1	-1	0.086	1	0.0883573	0.1348753	

timeof_body_gyro_std_x

Time domains signal (50Hz const rate), body gyroscope 3-axial raw signal standard deviation X axis,

timeof_body_gyro_std_x

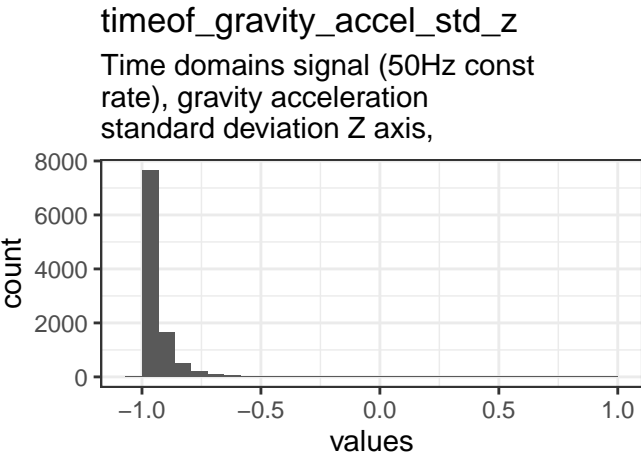## Time domains signal (50Hz const rate), body gyroscope 3–axial raw signal standard deviation X axis,

Figure 24: Distribution of values for timeof_body_gyro_std_x

Distribution   0 missing values.

Summary statistics

name	label	data_type	n_missing	complete_rate	min	median	max	mean	sd	hist
timeof_body_gyro_std_x	Time domains signal (50Hz const rate), body gyroscope 3-axial raw signal standard deviation X axis,	numeric	0	1	-1	-0.9	1	-0.7211926	0.3010271	

timeof_body_gyro_std_y

timeof_body_gyro_std_y

Time domains signal (50Hz const
rate), body gyroscope 3–axial raw
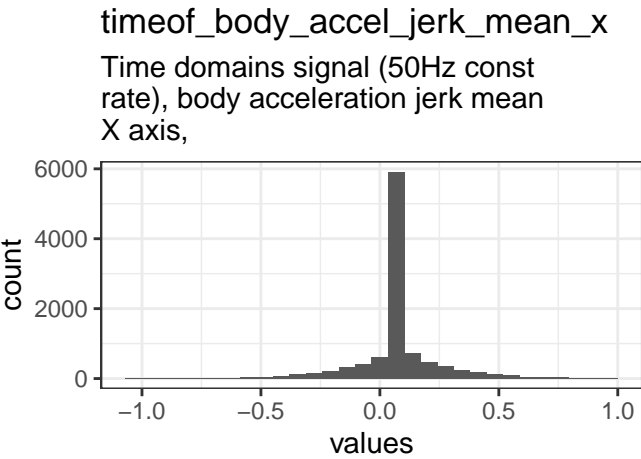signal standard deviation Y axis,

Figure 25: Distribution of values for timeof_body_gyro_std_y

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
timeof_body_gyro_std_y	Time domains signal (50Hz const rate), body gyroscope 3-axial raw signal standard deviation Y axis,	numeric	0	1	-1	-0.91	1	0.6826535	0.3568845	

timeof_body_gyro_std_z

Time domains signal (50Hz const rate), body gyroscope 3-axial raw signal standard deviation Z axis,

timeof_body_gyro_std_z

Time domains signal (50Hz const
rate), body gyroscope 3–axial raw
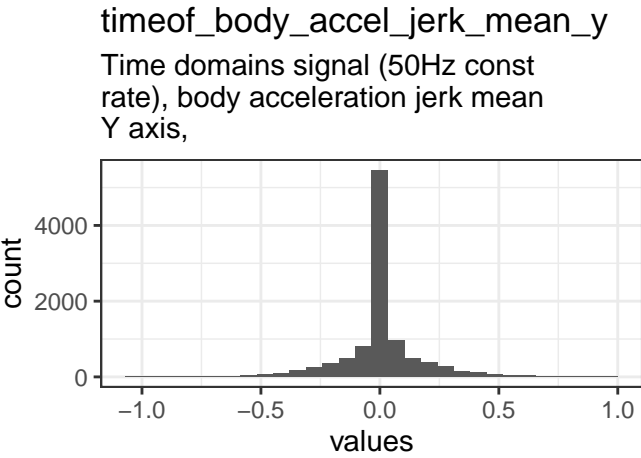signal standard deviation Z axis,

Figure 26: Distribution of values for timeof_body_gyro_std_z

Distribution 0 missing values.

Summary statistics

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
timeof_body_gyro_std_z	Time domains signal (50Hz const rate), body gyroscope 3-axial raw signal standard deviation Z axis,	numeric	0	1	-1 24	-0.88	1	0.6536657	0.3726061	

timeof_body_gyro_jerk_mean_x

timeof_body_gyro_jerk_mean_x

Time domains signal (50Hz const
rate), body gyroscope 3–axial raw
signal jerk mean X axis,

Figure 27: Distribution of values for timeof_body_gyro_jerk_mean_x

name	label	data_type	missing	complete	rate	min	median	max	mean	sd	hist
timeof_body_gyro_jerk_mean_x	Time domains signal (50Hz const rate), body gyroscope 3-axial raw signal jerk mean X axis,	numeric	0	1	- 1	- 0.098	1	- 0.0967093	0.128135	

timeof_body_gyro_jerk_mean_y

Time domains signal (50Hz const rate), body gyroscope 3-axial raw signal jerk mean Y axis,

timeof_body_gyro_jerk_mean_y

Time domains signal (50Hz const
rate), body gyroscope 3–axial raw
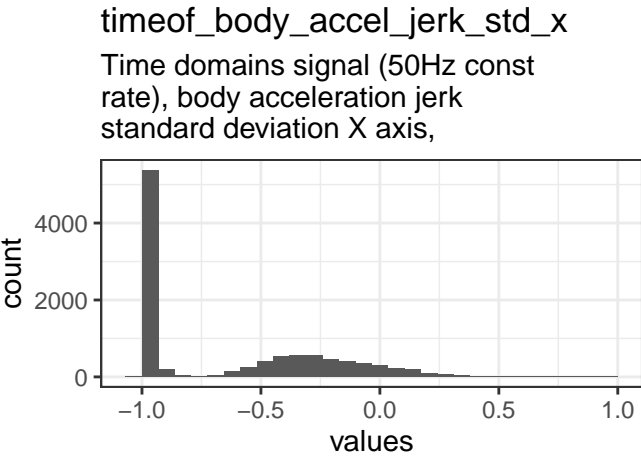signal jerk mean Y axis,

Figure 28: Distribution of values for timeof_body_gyro_jerk_mean_y

Distribution   0 missing values.

Summary statistics

name	label	data_type	missing	complete	rate	min	median	max	mean	sd	hist
timeof_body_gyro_jerk_mean_y	Time domains signal (50Hz const rate), body gyroscope 3-axial raw signal jerk mean Y axis,	numeric	0	1 25	- 1	- 0.041	1	- 0.0423181	0.1144092	

timeof_body_gyro_jerk_mean_z

Time domains signal (50Hz const rate), body gyroscope 3–axial raw signal jerk mean Z axis,
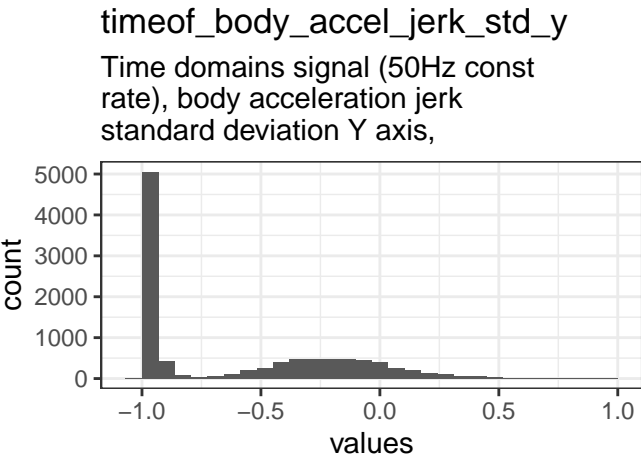

Figure 29: Distribution of values for timeof_body_gyro_jerk_mean_z

name	label	data_type	missing	complete	n	min	median	max	mean	sd	hist
timeof_body_gyro_jerk_mean_z	Time domains signal (50Hz const rate), body gyroscope 3-axial raw signal jerk mean Z axis,	numeric	0	1	- 1	- 0.055	1	- 0.0548303	0.1288956	

timeof_body_gyro_jerk_std_x

Time domains signal (50Hz const rate), body gyroscope 3-axial raw signal jerk standard deviation X axis,

timeof_body_gyro_jerk_std_x

Time domains signal (50Hz const rate), body gyroscope 3–axial raw signal jerk standard deviation X axis,
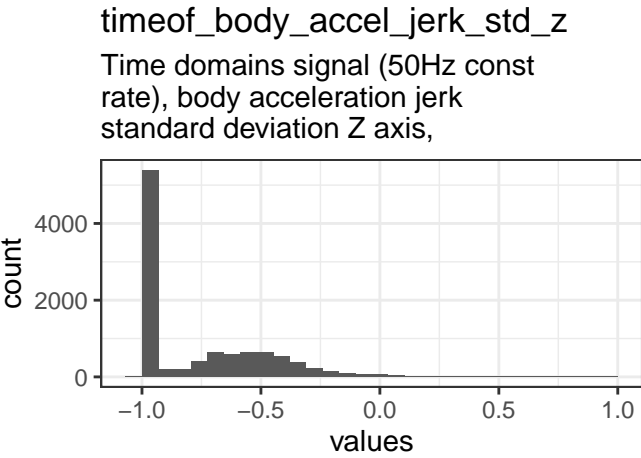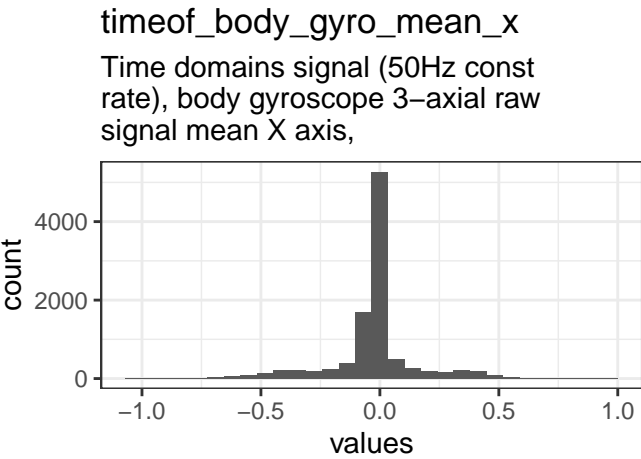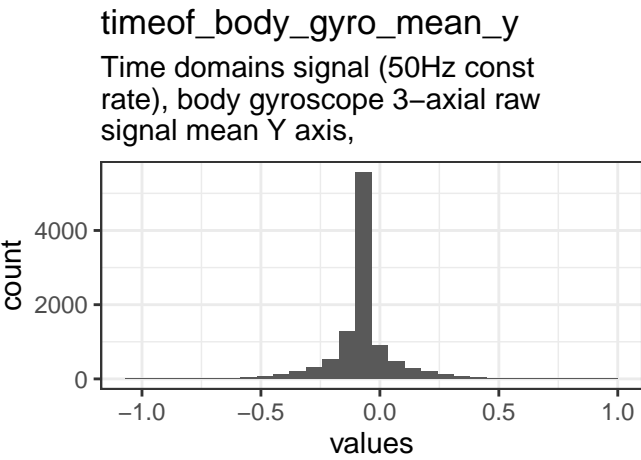

Figure 30: Distribution of values for timeof_body_gyro_jerk_std_x

Distribution   0 missing values.

Summary statistics

name	label	data_type	missing	complete	n	min	median	max	mean	sd	hist
timeof_body_gyro_jerk_std_x	Time domains signal (50Hz const rate), body gyroscope 3-axial raw signal jerk standard deviation X axis,	numeric	0	1	26	- 1	- 0.93	1	- 0.7313485	0.3038159	

timeof_body_gyro_jerk_std_y

timeof_body_gyro_jerk_std_y

Time domains signal (50Hz const
rate), body gyroscope 3–axial raw
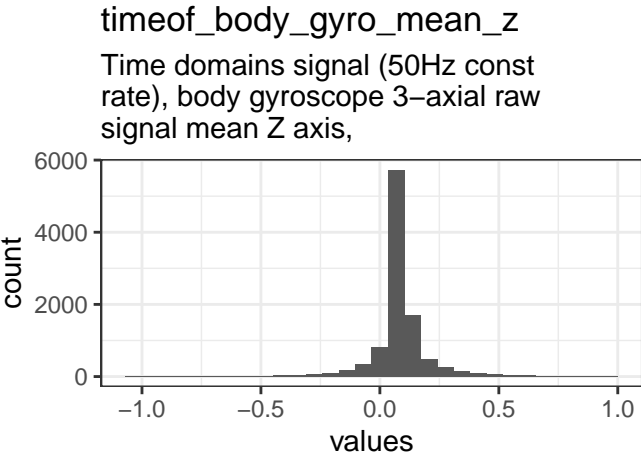signal jerk standard deviation Y
axis,

Figure 31: Distribution of values for timeof_body_gyro_jerk_std_y

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
timeof_body_gyro_jerk_std_y	Time domains signal (50Hz const rate), body gyroscope 3-axial raw signal jerk standard deviation Y axis,	numeric	0	1	- 1	- 0.95	1 0.7860623	-	0.2727157	

timeof_body_gyro_jerk_std_z

Time domains signal (50Hz const rate), body gyroscope 3-axial raw signal jerk standard deviation Z axis,
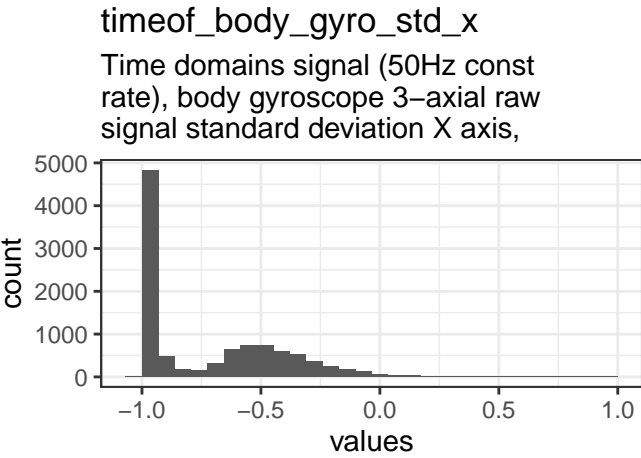

Figure 32: Distribution of values for timeof_body_gyro_jerk_std_z

Distribution   0 missing values.

Summary statistics

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
timeof_body_gyro_jerk_std_z	Time domains signal (50Hz const rate), body gyroscope 3-axial raw signal jerk standard deviation Z axis,	numeric	0	1	- 1	- 0.95	1 0.7399324	-	0.3019942	

timeof_body_accel_magn_mean

timeof_body_accel_magn_mean

Time domains signal (50Hz const rate), body acceleration euclidean norm magnitude mean
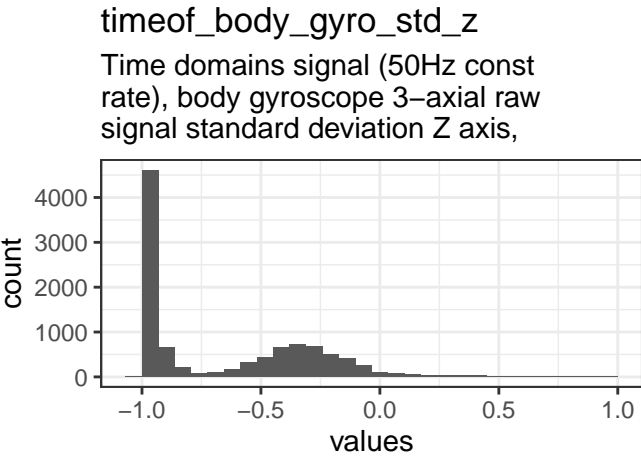

Figure 33: Distribution of values for timeof_body_accel_magn_mean

name	label	data_type	n_missing	complete_rate	min	median	max	mean	sd	hist
timeof_body_accel_magn_mean	Time domains signal (50Hz const rate), body acceleration euclidean norm magnitude mean	numeric	0	1	-1	-0.87	1	0.5482217	0.4670937	

timeof_body_accel_magn_std

Time domains signal (50Hz const rate), body acceleration euclidean norm magnitude standard deviation

Figure 34: Distribution of values for timeof_body_accel_magn_std

Distribution   0 missing values.

Summary statistics

name	label	data_type	n_missing	complete_rate	min	median	max	mean	sd	hist
timeof_body_accel_magn_std	Time domains signal (50Hz const rate), body acceleration euclidean norm magnitude standard deviation	numeric	0	1	-1	-0.84	1	0.5912253	0.4294313	

timeof_gravity_accel_magn_mean

timeof_gravity_accel_magn_mean

Time domains signal (50Hz const
rate), gravity acceleration
euclidean norm magnitude mean
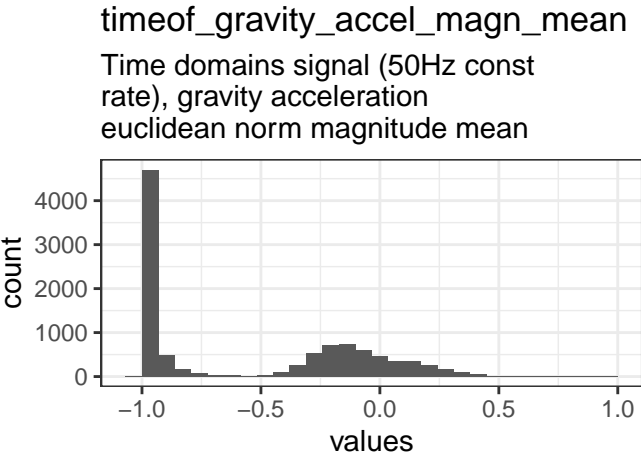
Figure 35: Distribution of values for timeof_gravity_accel_magn_mean

name	label	data_type	missing	complete	n	mean	median	max	mean	sd	hist
timeof_gravity_accel_magn_mean	Time domains signal (50Hz const rate), gravity acceleration euclidean norm magnitude mean	numeric	0	1	-	- 1	- 0.87	1	- 0.5482217	0.4670937	

timeof_gravity_accel_magn_std

Time domains signal (50Hz const rate), gravity acceleration euclidean norm magnitude standard deviation
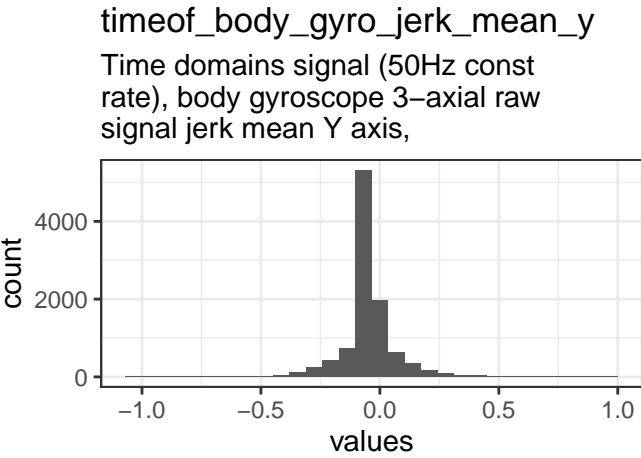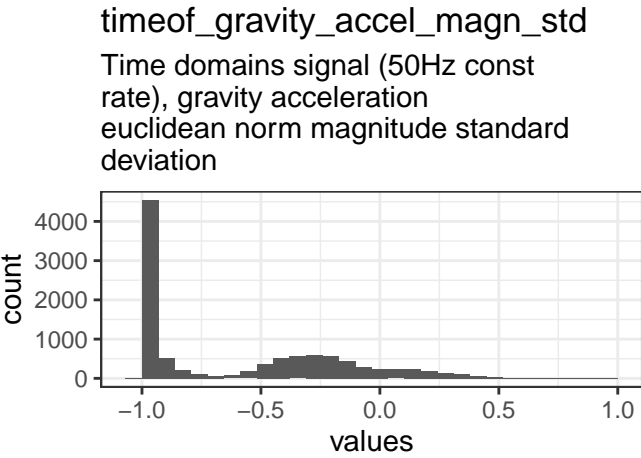

Figure 36: Distribution of values for timeof_gravity_accel_magn_std

Distribution 0 missing values.

Summary statistics

name	label	data_type	missing	complete	n	mean	median	max	mean	sd	hist
timeof_gravity_accel_magn_std	Time domains signal (50Hz const rate), gravity acceleration euclidean norm magnitude standard deviation	numeric	0 29	1	-	- 1	- 0.84	1	- 0.5912253	0.4294313	

timeof_body_accel_jerk_magn_mean

timeof_body_accel_jerk_magn_mea

Time domains signal (50Hz const rate), body acceleration jerk euclidean norm magnitude mean

Figure 37: Distribution of values for timeof_body_accel_jerk_magn_mean

name	label	data_type	n_missing	complete_rate	min	median	max	mean	sd	hist
timeof_body_accel_jerk_magn_mean	Time domains signal (50Hz const rate), body acceleration jerk euclidean norm magnitude mean	numeric	0	1	- 1	- 0.95	1	0.649418	- 0.3894942	

timeof_body_accel_jerk_magn_std

Time domains signal (50Hz const rate), body acceleration jerk euclidean norm magnitude standard deviation

timeof_body_accel_jerk_magn_std

Time domains signal (50Hz const rate), body acceleration jerk euclidean norm magnitude standard deviation
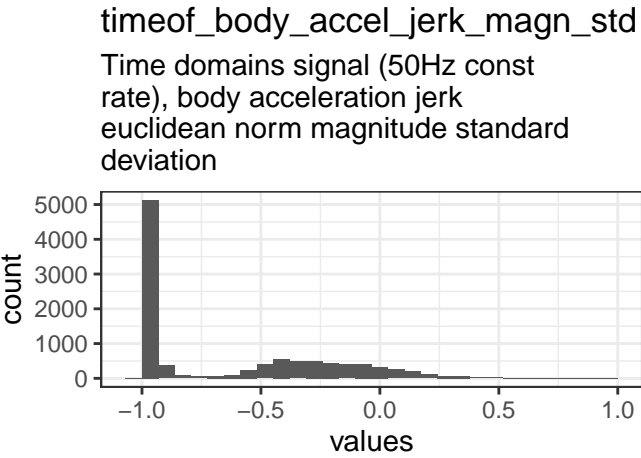
Figure 38: Distribution of values for timeof_body_accel_jerk_magn_std

Distribution 0 missing values.

Summary statistics

name	label	data_type	n_missing	complete_rate	min	median	max	mean	sd	hist
timeof_body_accel_jerk_magn_std	Time domains signal (50Hz const rate), body acceleration jerk euclidean norm magnitude standard deviation	numeric	0	1	- 1	- 0.93	1	0.6277629	- 0.4172213	

timeof_body_gyro_magn_mean

Time domains signal (50Hz const rate), body gyroscope 3–axial raw signal euclidean norm magnitude mean
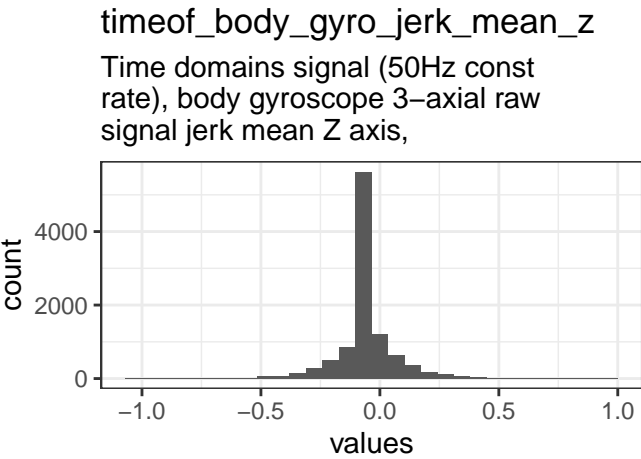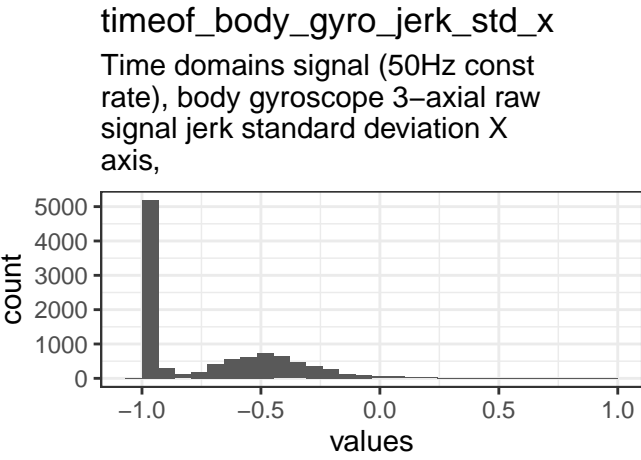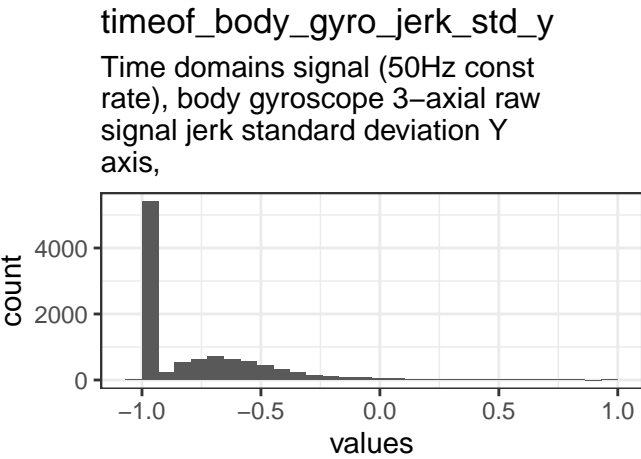
Figure 39: Distribution of values for timeof_body_gyro_magn_mean

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
timeof_body_gyro_magn_mean	Time domains signal (50Hz const rate), body gyroscope 3-axial raw signal euclidean norm magnitude mean	numeric	0	1	- 1	- 0.82	1	- 0.6052486	0.3997096	

timeof_body_gyro_magn_std

Time domains signal (50Hz const rate), body gyroscope 3-axial raw signal euclidean norm magnitude standard deviation

timeof_body_gyro_magn_std

Time domains signal (50Hz const rate), body gyroscope 3–axial raw signal euclidean norm magnitude standard deviation
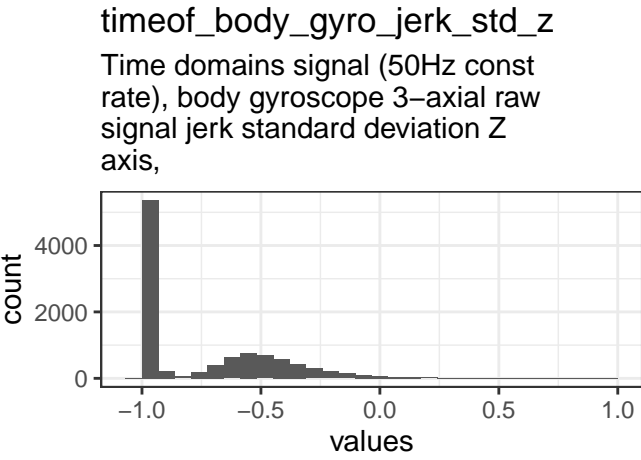
Figure 40: Distribution of values for timeof_body_gyro_magn_std

Distribution 0 missing values.

Summary statistics

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
timeof_body_gyro_magn_std	Time domains signal (50Hz const rate), body gyroscope 3-axial raw signal euclidean norm magnitude standard deviation	numeric	0	1	- 1	- 0.83	1	- 0.6625331	0.3492246	

timeof_body_gyro_jerk_magn_mear

Time domains signal (50Hz const
rate), body gyroscope 3–axial
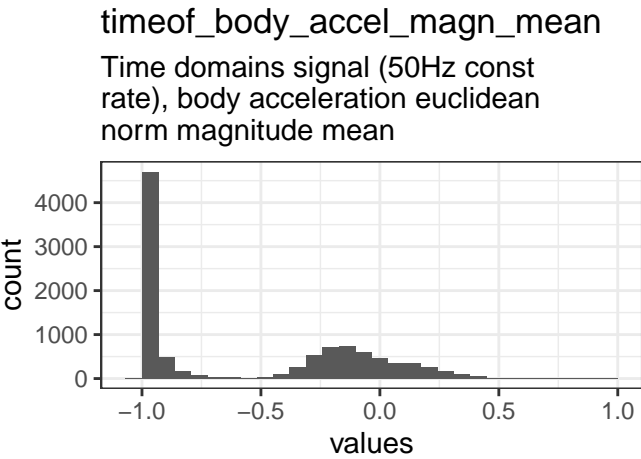raw signal jerk euclidean norm
magnitude mean

Figure 41: Distribution of values for timeof_body_gyro_jerk_magn_mean

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
timeof_body_gyro_jerk_magn_mean	Time domains signal (50Hz const rate), body gyroscope 3-axial raw signal jerk euclidean norm magnitude mean	numeric	0	1	- 1	- 0.96	1	- 0.7621376	0.2765145	

timeof_body_gyro_jerk_magn_std

Time domains signal (50Hz const rate), body gyroscope 3-axial raw signal jerk euclidean norm magnitude
standard deviation

timeof_body_gyro_jerk_magn_std

Time domains signal (50Hz const
rate), body gyroscope 3–axial
raw signal jerk euclidean norm
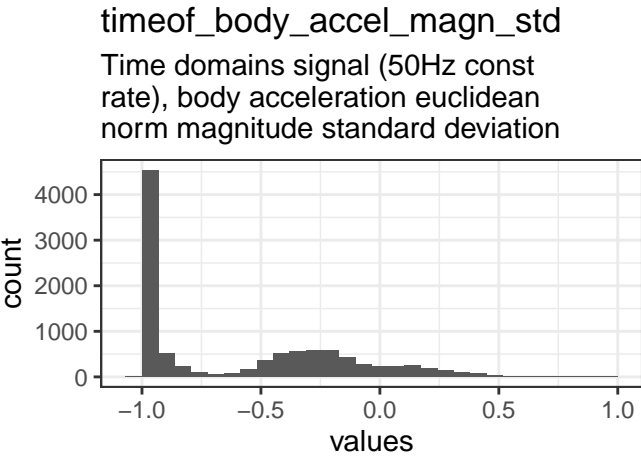magnitude standard deviation
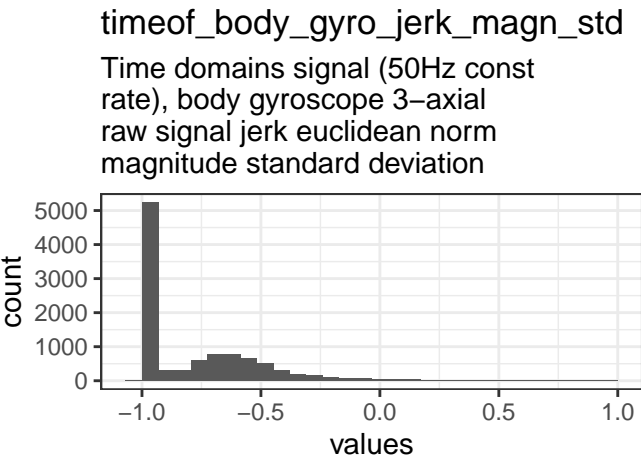
Figure 42: Distribution of values for timeof_body_gyro_jerk_magn_std

Distribution 0 missing values.

Summary statistics

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
timeof_body_gyro_jerk_magn_std	Time domains signal (50Hz const rate), body gyroscope 3-axial raw signal jerk euclidean norm magnitude standard deviation	numeric	0	1	- 1	- 0.94	1	- 0.7779932	0.2715902	

frequ_body_accel_mean_x

Fast fourier tranform frequecy signal, body acceleration mean X axis,

Figure 43: Distribution of values for frequ_body_accel_mean_x

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
frequ_body_accel_mean_x	Fast fourier tranform frequecy signal, body acceleration mean X axis,	numeric	0	1	-1	- 0.95	1	- 0.6227617	0.4207946	

frequ_body_accel_mean_y

Fast fourier tranform frequecy signal, body acceleration mean Y axis,

frequ_body_accel_mean_y

Fast fourier tranform frequecy signal, body acceleration mean Y axis,

Figure 44: Distribution of values for frequ_body_accel_mean_y

Distribution 0 missing values.

Summary statistics

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
frequ_body_accel_mean_y	Fast fourier tranform frequecy signal, body acceleration mean Y axis,	numeric	0	1	-1	- 0.86	1	- 0.5374933	0.4816819	

frequ_body_accel_mean_z

Fast fourier tranform frequecy
signal, body acceleration mean Z
axis,

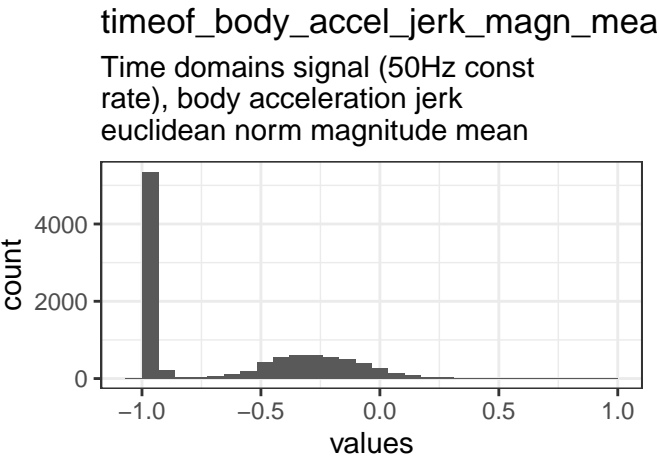

Figure 45: Distribution of values for frequ_body_accel_mean_z

name	label	data_type	n_missing	complete_rate	min	median	max	mean	sd	hist
frequ_body_accel_mean_z	Fast fourier tranform frequecy signal, body acceleration mean Z axis,	numeric	0	1	-1	- 0.9	1	- 0.6650335	0.3588531	

frequ_body_accel_std_x

Fast fourier tranform frequecy signal, body acceleration standard deviation X axis,

Figure 46: Distribution of values for frequ_body_accel_std_x

Distribution 0 missing values.

Summary statistics

name	label	data_type	n_missing	complete_rate	min	median	max	mean	sd	hist
frequ_body_accel_std_x	Fast fourier tranform frequecy signal, body acceleration standard deviation X axis,	numeric	0	1	-1	- 0.94	1	- 0.6033563	0.4467928	

frequ_body_accel_std_y

frequ_body_accel_std_y

Fast fourier tranform frequecy signal, body acceleration standard deviation Y axis,

Figure 47: Distribution of values for frequ_body_accel_std_y

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
frequ_body_accel_std_y	Fast fourier tranform frequecy signal, body acceleration standard deviation Y axis,	numeric	0	1	-1	-0.83	1	-0.52842	0.479925	

frequ_body_accel_std_z

Fast fourier tranform frequecy signal, body acceleration standard deviation Z axis,
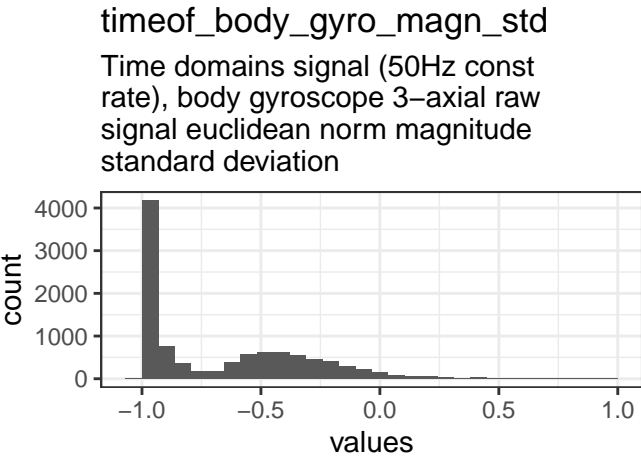

Figure 48: Distribution of values for frequ_body_accel_std_z

Distribution 0 missing values.

Summary statistics

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
frequ_body_accel_std_z	Fast fourier tranform frequecy signal, body acceleration standard deviation Z axis,	numeric	0	1	-1	-0.84	1	-0.6178748	0.3989732 35	

frequ_body_accel_mean_freq_x

frequ_body_accel_mean_freq_x

Fast fourier tranform frequecy signal, body acceleration mean freq X axis,

Figure 49: Distribution of values for frequ_body_accel_mean_freq_x

name	label	data_type	missing	complete	min	median	max	mean	sd	hist
frequ_body_acc...	Fast fourier tranform frequecy signal, body acceleration mean freq X axis,	numeric	0	1	-1	-0.24	1	0.2645858	0.2214691	

frequ_body_accel_mean_freq_y

Fast fourier tranform frequecy signal, body acceleration mean freq Y axis,

frequ_body_accel_mean_freq_y

Fast fourier tranform frequecy signal, body acceleration mean freq Y axis,

Figure 50: Distribution of values for frequ_body_accel_mean_freq_y

Distribution   0 missing values.

Summary statistics

name	label	data_type	missing	complete	min	median	max	mean	sd	hist
frequ_body_acc...	Fast fourier tranform frequecy signal, body acceleration mean freq Y axis,	numeric	0	1	-1	0.00471	1	0.01540	0.2240846	

freq_body_accel_mean_freq_z

Fast fourier tranform frequecy
signal, body acceleration mean freq
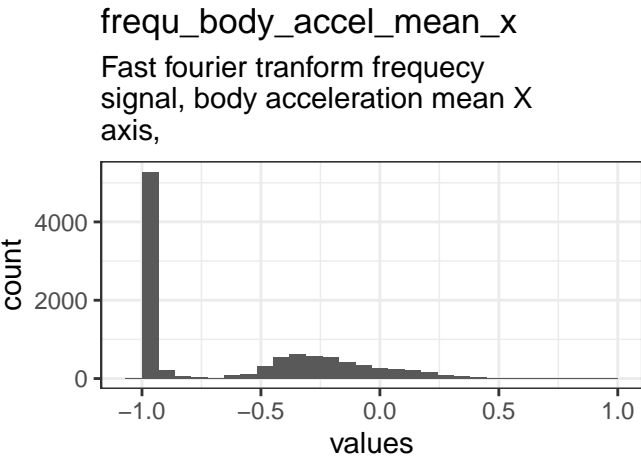Z axis,

Figure 51: Distribution of values for frequ_body_accel_mean_freq_z

name	label	data_type	missing	complete	min	median	max	mean	sd	hist
frequ_body_accel_mean_freq_z	Fast fourier tranform frequecy signal, body acceleration mean freq Z axis,	numeric	0	1	-1	0.061	1	0.0473	0.2837848	

frequ_body_accel_jerk_mean_x

Fast fourier tranform frequecy signal, body acceleration jerk mean X axis,

frequ_body_accel_jerk_mean_x

Fast fourier tranform frequecy
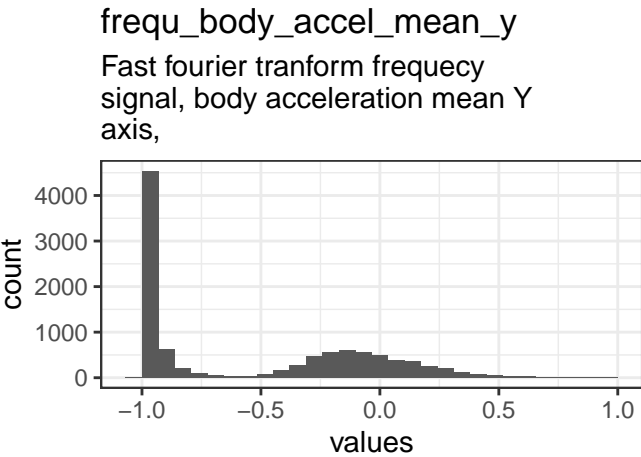signal, body acceleration jerk mean
X axis,

Figure 52: Distribution of values for frequ_body_accel_jerk_mean_x

Distribution   0 missing values.

Summary statistics

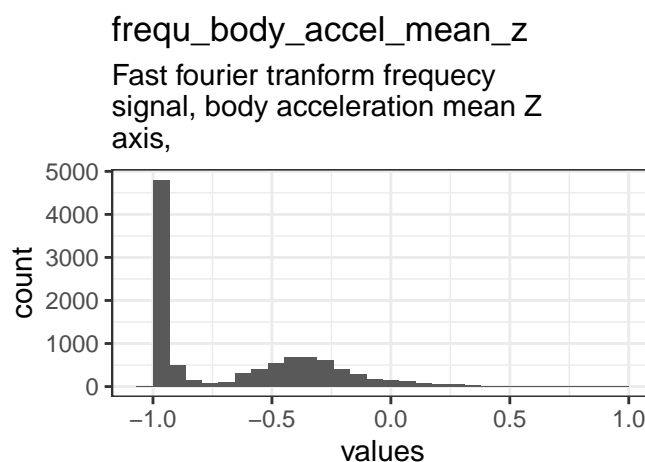| name	label	data_type	missing	complete	min	median	max	mean	sd	hist
frequ_body_accel_jerk_mean_x	Fast fourier tranform frequecy signal, body acceleration jerk mean X axis,	numeric	0	1	-1	-0.95	1	-0.6567135	0.3899946	

frequ_body_accel_jerk_mean_x

Figure 53: Distribution of values for frequ_body_accel_jerk_mean_y

name	label	data_type	missing	complete	min	median	max	mean	sd	hist
frequ_body_accel_jerk_mean_y	Fast fourier tranform frequecy signal, body acceleration jerk mean Y axis,	numeric	0	1	-1	-0.93	1	0.6289612	0.4073001	

frequ_body_accel_jerk_mean_z

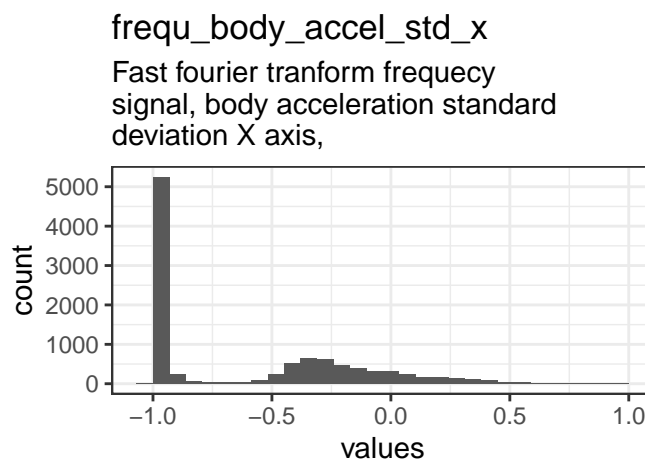Fast fourier tranform frequecy signal, body acceleration jerk mean Z axis,

Figure 54: Distribution of values for frequ_body_accel_jerk_mean_z

Distribution   0 missing values.

Summary statistics

name	label	data_type	missing	complete	min	median	max	mean	sd	hist
frequ_body_accel_jerk_mean_z	Fast fourier tranform frequecy signal, body acceleration jerk mean Z axis,	numeric	0	1	-1	-0.95	1	0.7436082	0.2977082	

frequ_body_accel_jerk_std_x

frequ_body_accel_jerk_std_x

Fast fourier tranform frequecy
signal, body acceleration jerk
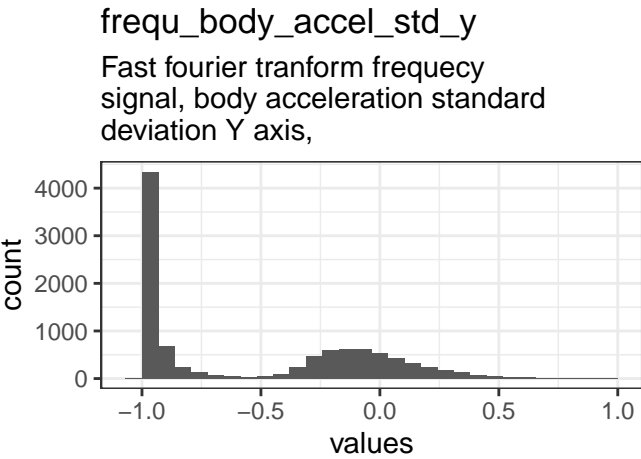standard deviation X axis,

Figure 55: Distribution of values for frequ_body_accel_jerk_std_x

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
frequ_body_accel_jerk_std_x	Fast fourier tranform frequency signal, body acceleration jerk standard deviation X axis,	numeric	0	1	-1	-0.96	1	0.6549798	0.3932918	

frequ_body_accel_jerk_std_y

Fast fourier tranform frequecy signal, body acceleration jerk standard deviation Y axis,
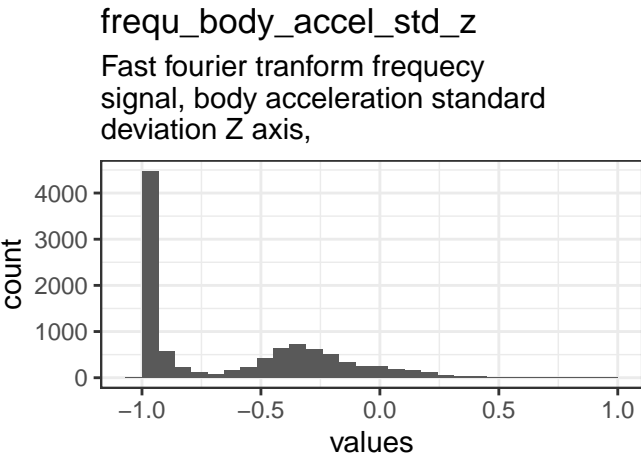

Figure 56: Distribution of values for frequ_body_accel_jerk_std_y

Distribution   0 missing values.

Summary statistics

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
frequ_body_accel_jerk_std_y	Fast fourier tranform frequency signal, body acceleration jerk standard deviation Y axis,	numeric	0	1	-1	-0.93	1	0.6122436	0.4335249	

frequ_body_accel_jerk_std_z

frequ_body_accel_jerk_std_z

Fast fourier tranform frequecy
signal, body acceleration jerk
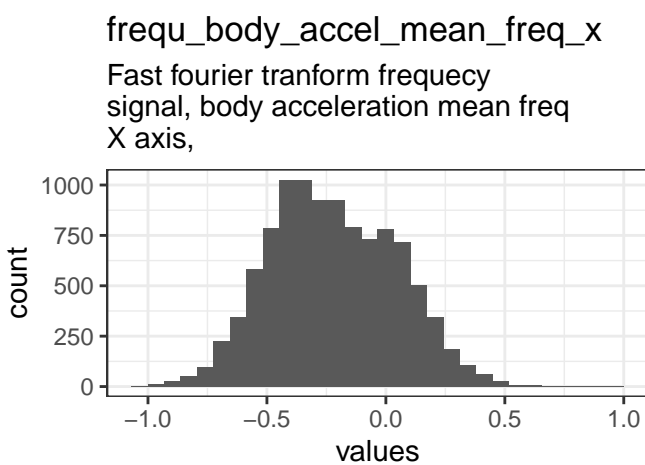standard deviation Z axis,

Figure 57: Distribution of values for frequ_body_accel_jerk_std_z

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
frequ_body_accel_jerk_std_z	Fast fourier tranform frequecy signal, body acceleration jerk standard deviation Z axis,	numeric	0	1	-1	-0.96	1	-0.7809284	0.2595436	

frequ_body_accel_jerk_mean_freq_x

Fast fourier tranform frequecy signal, body acceleration jerk mean freq X axis,

frequ_body_accel_jerk_mean_freq_x

Fast fourier tranform frequecy
signal, body acceleration jerk mean
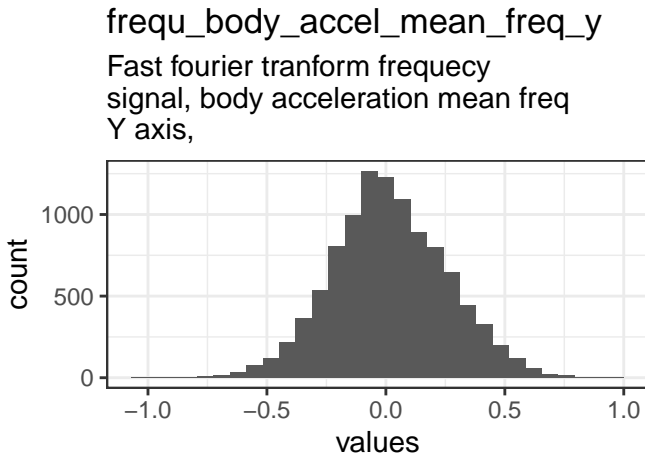freq X axis,

Figure 58: Distribution of values for frequ_body_accel_jerk_mean_freq_x

Distribution 0 missing values.

Summary statistics

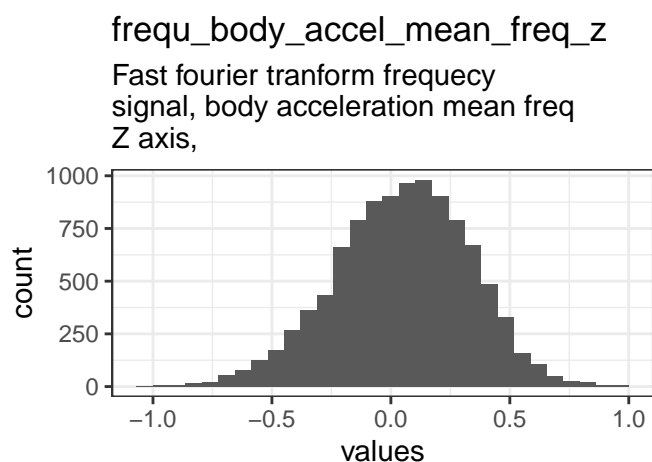| name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
frequ_body_accel_jerk_mean_freq_x	Fast fourier tranform frequecy signal, body acceleration jerk mean freq X axis,	numeric	0	1	-1	-0.045	1	0.0477063	0.2955416	

Figure 59: Distribution of values for frequ_body_accel_jerk_mean_freq_y

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
frequ_body_acce_lasjerkouriernatransformfrequency signal, body acceleration jerk mean freq Y axis,		numeric	0	1	-1	- 0.24	1	- 0.2133929	0.2721863	

frequ_body_accel_jerk_mean_freq_z

Fast fourier tranform frequecy signal, body acceleration jerk mean freq Z axis,
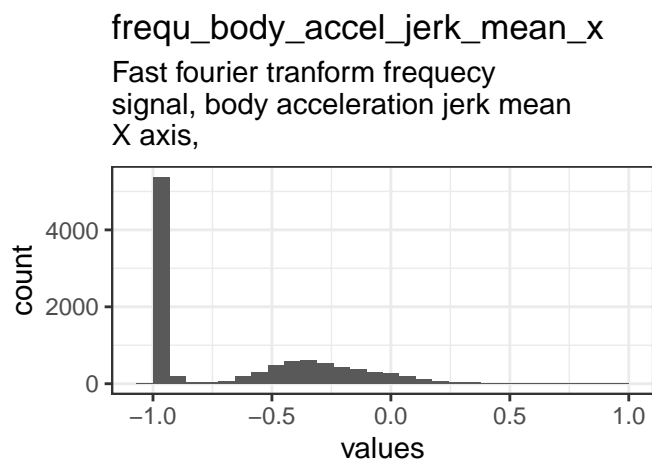

Figure 60: Distribution of values for frequ_body_accel_jerk_mean_freq_z

Distribution   0 missing values.

Summary statistics

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
frequ_body_acce_lasjerkouriernatransformfrequecy signal, body acceleration jerk mean freq Z axis,		numeric	0 41	1	-1	- 0.1	1	- 0.123828	0.2733538	

frequ_body_gyro_mean_x

Fast fourier tranform frequecy signal, body gyroscope 3–axial raw signal mean X axis,
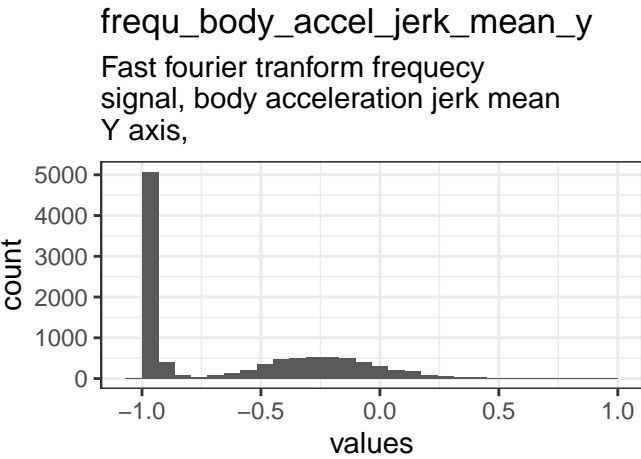

Figure 61: Distribution of values for frequ_body_gyro_mean_x

name	label	data_type	n_missing	complete_rate	min	median	max	mean	sd	hist
frequ_body_gyro_mean_x	Fast fourier tranform frequecy signal, body gyroscope 3-axial raw signal mean X axis,	numeric	0	1	-1	-0.89	1	-	0.3514984 0.6720943	

frequ_body_gyro_mean_y

Fast fourier tranform frequecy signal, body gyroscope 3-axial raw signal mean Y axis,
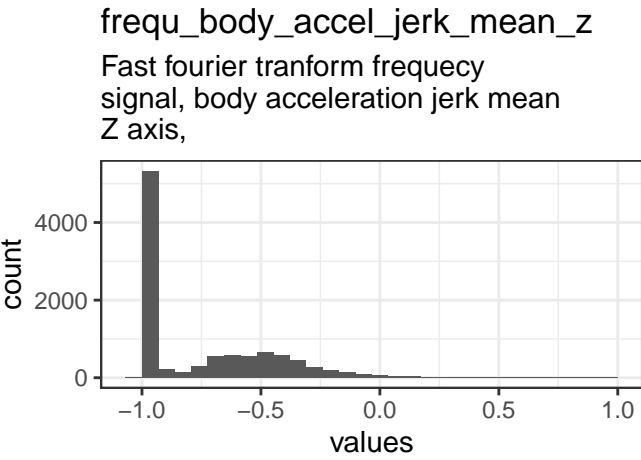

Figure 62: Distribution of values for frequ_body_gyro_mean_y

Distribution   0 missing values.

Summary statistics

name	label	data_type	n_missing	complete_rate	min	median	max	mean	sd	hist
frequ_body_gyro_mean_y	Fast fourier tranform frequecy signal, body gyroscope 3-axial raw signal mean Y axis,	numeric	0 42	1	-1	-0.92	1	-	0.3356653 0.7062166	

frequ_body_gyro_mean_z

Fast fourier tranform frequecy
signal, body gyroscope 3–axial raw
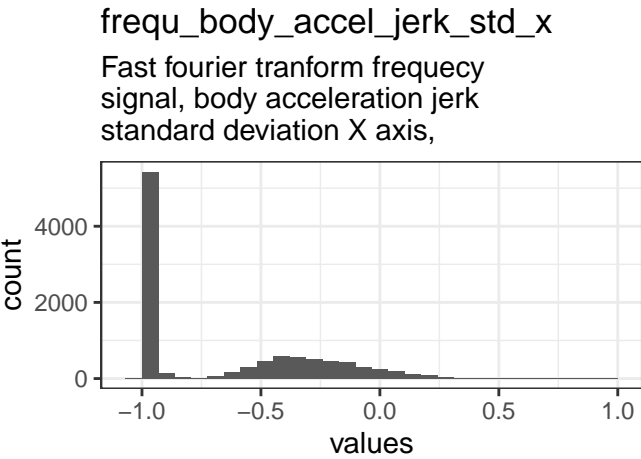signal mean Z axis,
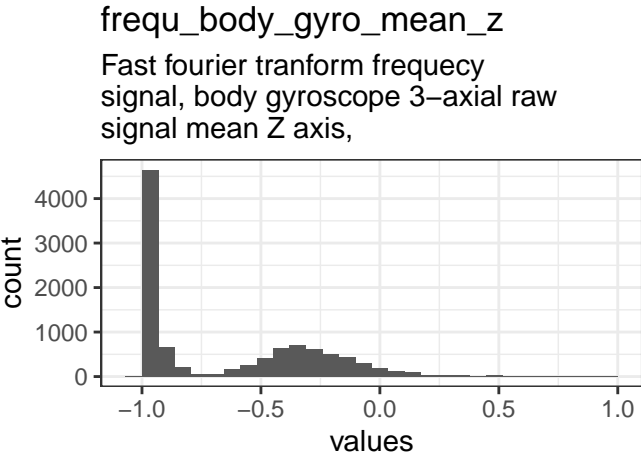
Figure 63: Distribution of values for frequ_body_gyro_mean_z

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
frequ_body_gyro_mean_z	Fast fourier tranform frequecy signal, body gyroscope 3-axial raw signal mean Z axis,	numeric	0	1	-1	-0.89	1	-0.6441928	0.3820194	

frequ_body_gyro_std_x

Fast fourier tranform frequecy signal, body gyroscope 3-axial raw signal standard deviation X axis,

frequ_body_gyro_std_x

Fast fourier tranform frequecy
signal, body gyroscope 3–axial raw
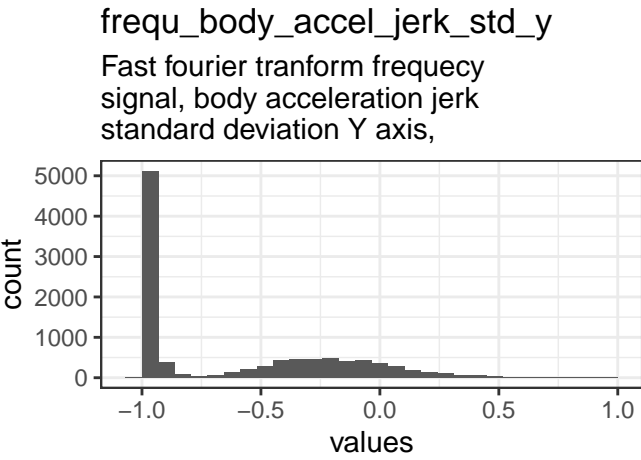signal standard deviation X axis,

Figure 64: Distribution of values for frequ_body_gyro_std_x

Distribution   0 missing values.

Summary statistics

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
frequ_body_gyro_std_x	Fast fourier tranform frequecy signal, body gyroscope 3-axial raw signal standard deviation X axis,	numeric	0	1	-1	-0.91	1	-0.7385948	0.285773	

frequ_body_gyro_std_y

frequ_body_gyro_std_y

Fast fourier tranform frequecy
signal, body gyroscope 3–axial raw
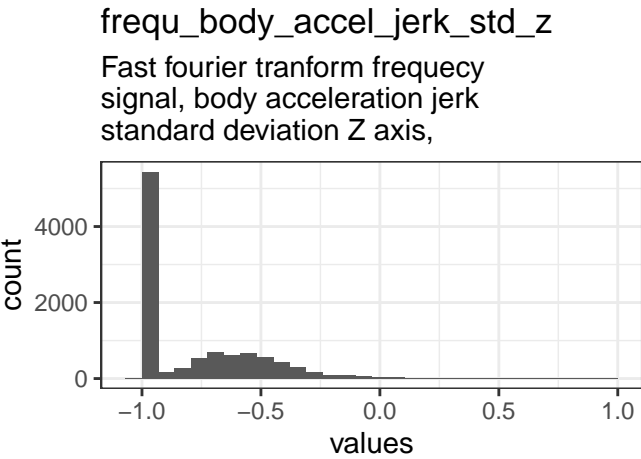signal standard deviation Y axis,

Figure 65: Distribution of values for frequ_body_gyro_std_y

name	label	data_type	n_missing	complete_rate	min	median	max	mean	sd	hist
frequ_body_gyro_std_y	Fast fourier tranform frequecy signal, body gyroscope 3-axial raw signal standard deviation Y axis,	numeric	0	1	-1	-0.91	1	0.6742269	0.3696647	-

frequ_body_gyro_std_z

Fast fourier tranform frequecy signal, body gyroscope 3-axial raw signal standard deviation Z axis,

frequ_body_gyro_std_z

Fast fourier tranform frequecy
signal, body gyroscope 3–axial raw
signal standard deviation Z axis,
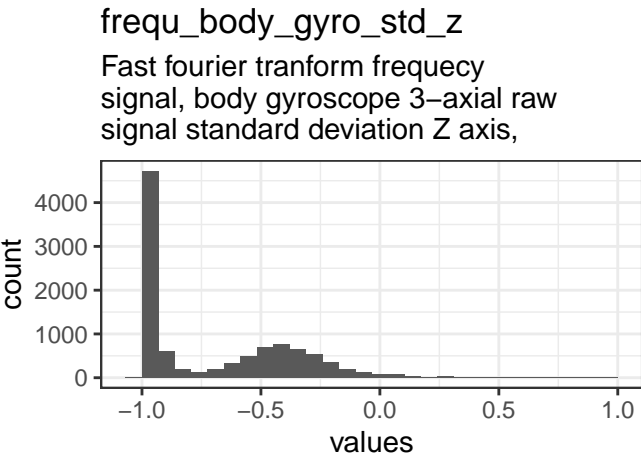
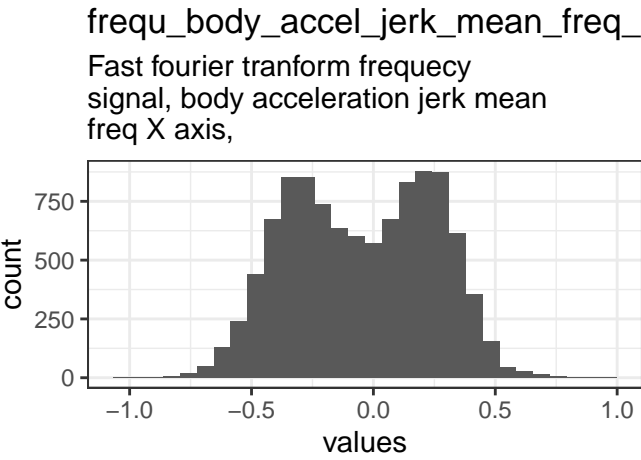

Figure 66: Distribution of values for frequ_body_gyro_std_z

Distribution   0 missing values.

Summary statistics

name	label	data_type	n_missing	complete_rate	min	median	max	mean	sd	hist
frequ_body_gyro_std_z	Fast fourier tranform frequecy signal, body gyroscope 3-axial raw signal standard deviation Z axis,	numeric	0	1	-1	-0.89	1	0.6904463	0.3373102	-

frequ_body_gyro_mean_freq_x

frequ_body_gyro_mean_freq_x

Fast fourier tranform frequecy
signal, body gyroscope 3–axial raw
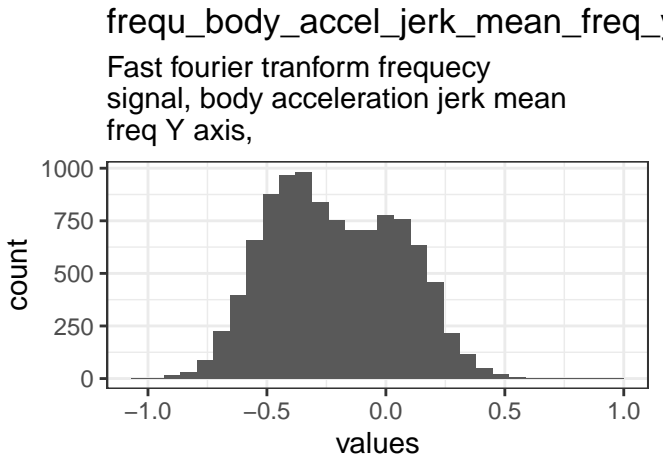signal mean freq X axis,

Figure 67: Distribution of values for frequ_body_gyro_mean_freq_x

name	label	data_type	missing	complete	n	min	median	max	mean	sd	hist
frequ_body_gyro_mean_freq_x	Fast fourier tranform frequecy signal, body gyroscope 3-axial raw signal mean freq X axis,	numeric	0	1	1	- 1	- 0.099	1	- 0.1010427	0.2558889	

frequ_body_gyro_mean_freq_y

Fast fourier tranform frequecy signal, body gyroscope 3-axial raw signal mean freq Y axis,

frequ_body_gyro_mean_freq_y

Fast fourier tranform frequecy
signal, body gyroscope 3–axial raw
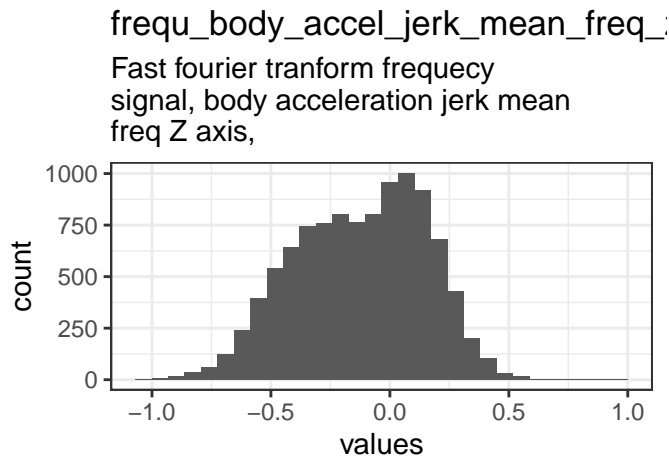signal mean freq Y axis,

Figure 68: Distribution of values for frequ_body_gyro_mean_freq_y

Distribution   0 missing values.

Summary statistics

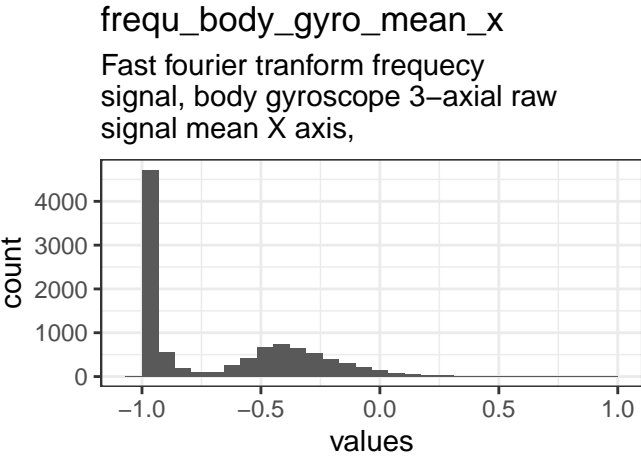| name	label	data_type	missing	complete	n	min	median	max	mean	sd	hist
frequ_body_gyro_mean_freq_y	Fast fourier tranform frequecy signal, body gyroscope 3-axial raw signal mean freq Y axis,	numeric	0	1	1 45	- 1	- 0.17	1	- 0.1742776	0.2733333	

Figure 69: Distribution of values for frequ_body_gyro_mean_freq_z

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
frequ_body_gyro_mean_freq_z	Fast fourier tranform frequecy signal, body gyroscope 3-axial raw signal mean freq Z axis,	numeric	0	1	- 1	- 0.054	1	- 0.0513929	0.2661928	

frequ_body_accel_magn_mean

Fast fourier tranform frequecy signal, body acceleration euclidean norm magnitude mean
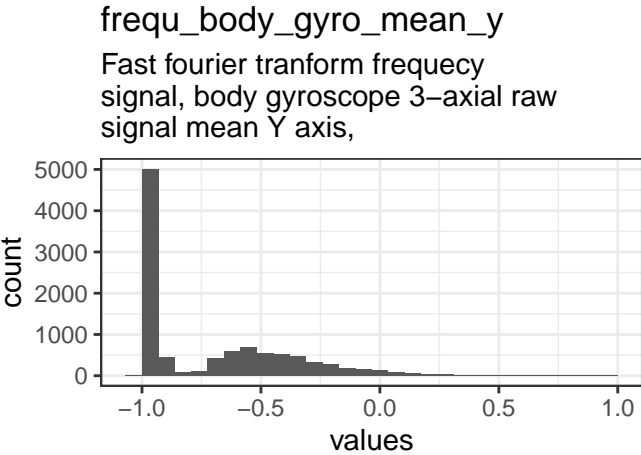

Figure 70: Distribution of values for frequ_body_accel_magn_mean

Distribution 0 missing values.

Summary statistics

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
frequ_body_accel_magn_mean	Fast fourier tranform frequecy signal, body acceleration euclidean norm magnitude mean	numeric	0	1	-1 46	- 0.88	1	- 0.5859627	0.4453266	

frequ_body_accel_magn_std

Fast fourier tranform frequecy
signal, body acceleration euclidean
norm magnitude standard deviation
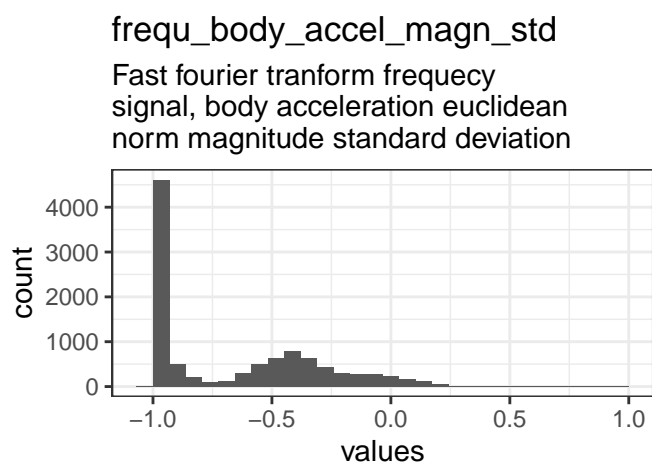
Figure 71: Distribution of values for frequ_body_accel_magn_std

name	label	data_type	n_missing	complete_rate	min	median	max	mean	sd	hist
frequ_body_accel_magn_std	Fast fourier tranform frequecy signal, body acceleration euclidean norm magnitude standard deviation	numeric	0	1	-1	-0.85	1	0.6595312	0.3554288	

frequ_body_accel_magn_mean_freq

Fast fourier tranform frequecy signal, body acceleration euclidean norm magnitude mean freq

frequ_body_accel_magn_mean_freq

Fast fourier tranform frequecy
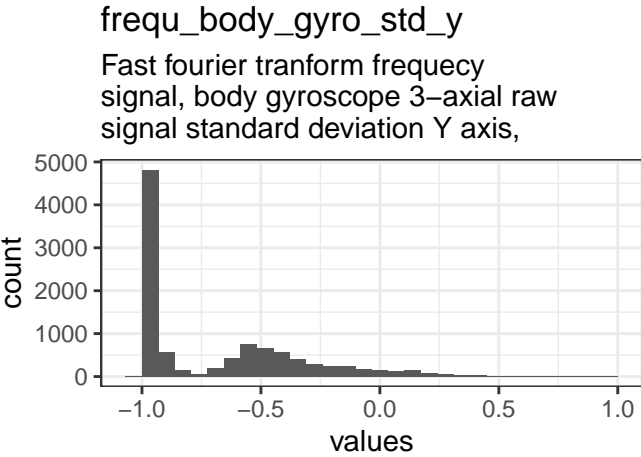signal, body acceleration euclidean
norm magnitude mean freq
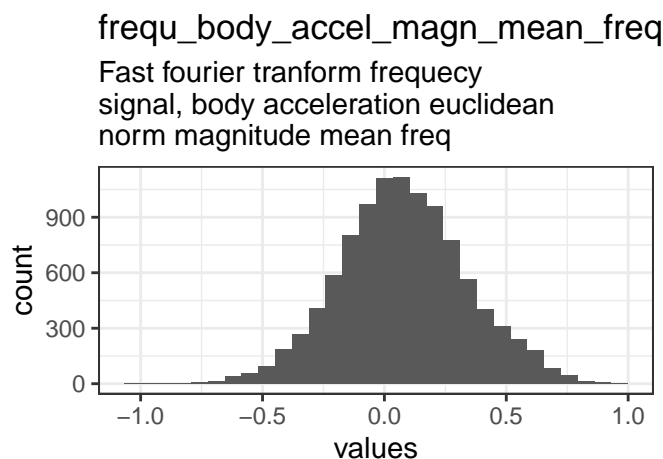
Figure 72: Distribution of values for frequ_body_accel_magn_mean_freq

Distribution 0 missing values.

Summary statistics

name	label	data_type	n_missing	complete_rate	min	median	max	mean	sd	hist
frequ_body_accel_magn_mean_freq	Fast fourier tranform frequecy signal, body acceleration euclidean norm magnitude mean freq	numeric	0	1	-1	0.07	1	0.0768747	0.2629581	

frequ_body_body_accel_jerk_magn_

Fast fourier tranform frequecy
signal, body to body acceleration
jerk euclidean norm magnitude mean
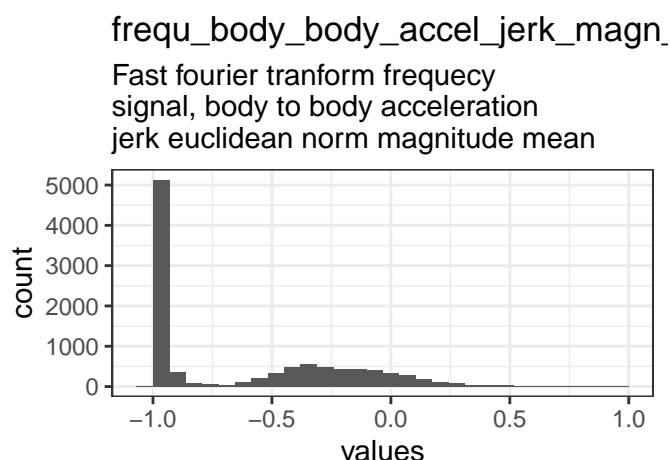
Figure 73: Distribution of values for frequ_body_body_accel_jerk_magn_mean

name	label	data_type	missing	complete	n	min	median	max	mean	sd	hist
frequ_body_body_accel_jerk_magn_mean	Fast fourier tranform frequecy signal, body to body acceleration jerk euclidean norm magnitude mean	numeric	0	1	1	-	- 0.93	1 0.6207899	-	0.4250641	

frequ_body_body_accel_jerk_magn_std

Fast fourier tranform frequecy signal, body to body acceleration jerk euclidean norm magnitude standard deviation

frequ_body_body_accel_jerk_magn_

Fast fourier tranform frequecy
signal, body to body acceleration
jerk euclidean norm magnitude
standard deviation

Figure 74: Distribution of values for frequ_body_body_accel_jerk_magn_std

Distribution   0 missing values.

Summary statistics

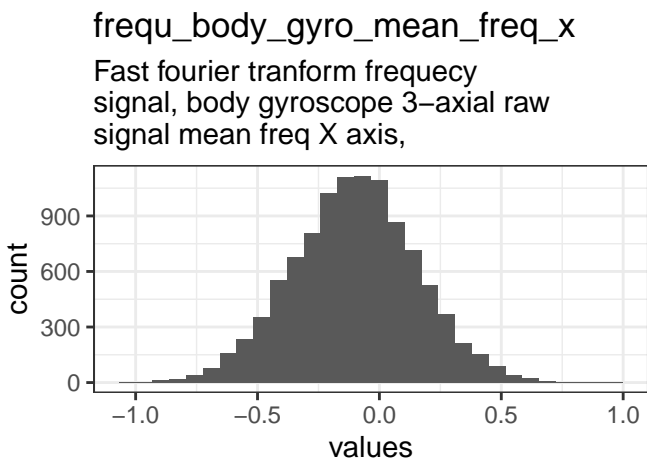| name	label	data_type	missing	complete	n	min	median	max	mean	sd	hist
frequ_body_body_accel_jerk_magn_std	Fast fourier tranform frequecy signal, body to body acceleration jerk euclidean norm magnitude standard deviation	numeric	0	1	1	-	- 0.93	1 0.6400768	-	0.406022	

Figure 75: Distribution of values for frequ_body_body_accel_jerk_magn_mean_freq

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
frequ_body_body_accel_jerk_magn_mean_freq	Fast fourier tranform frequecy signal, body to body acceleration jerk euclidean norm magnitude mean freq	numeric	0	1	-1	0.16	1	0.1732	0.2537	0.1972

frequ_body_body_gyro_magn_mean

Fast fourier tranform frequecy signal, body to body gyroscope 3-axial raw signal euclidean norm magnitude mean
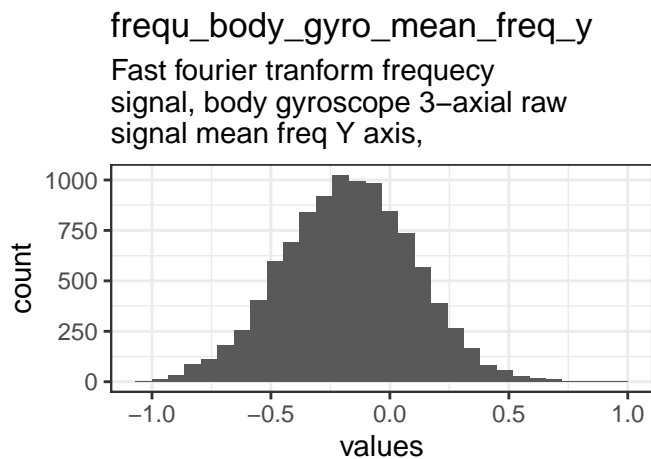

Figure 76: Distribution of values for frequ_body_body_gyro_magn_mean

Distribution   0 missing values.

Summary statistics

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
frequ_body_body_gyro_magn_mean	Fast fourier tranform frequecy signal, body to body gyroscope 3-axial raw signal euclidean norm magnitude mean	numeric	0	1	-1	0.88	1	0.6974111	0.3237012	

frequ_body_body_gyro_magn_std

Fast fourier tranform frequecy
signal, body to body gyroscope 3–
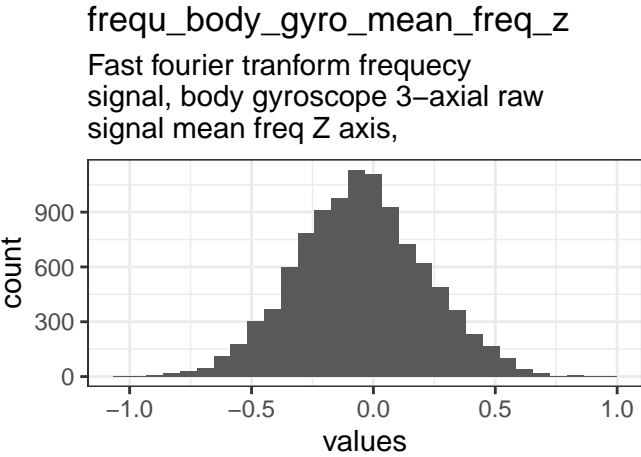axial raw signal euclidean norm
magnitude standard deviation

Figure 77: Distribution of values for frequ_body_body_gyro_magn_std

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
frequ_body_body_gyro_magn_std	Fast fourier tranform frequecy signal, body to body gyroscope 3-axial raw signal euclidean norm magnitude standard deviation	numeric	0	1	-1	-0.83	1	0.3104431	0.6999764	

frequ_body_body_gyro_magn_mean_freq

Fast fourier tranform frequecy signal, body to body gyroscope 3-axial raw signal euclidean norm magnitude mean freq

frequ_body_body_gyro_magn_mean

Fast fourier tranform frequecy
signal, body to body gyroscope 3–
axial raw signal euclidean norm
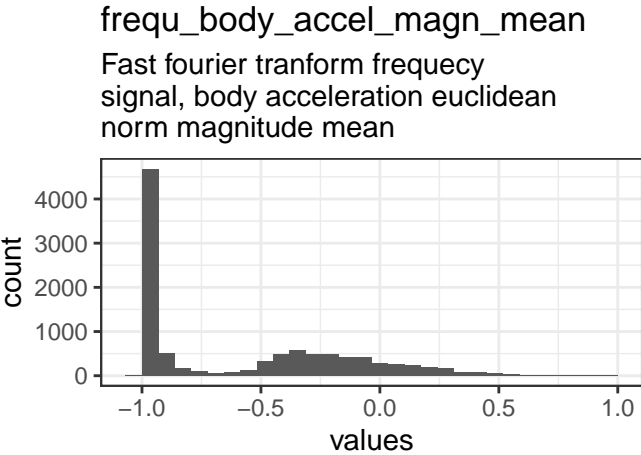magnitude mean freq
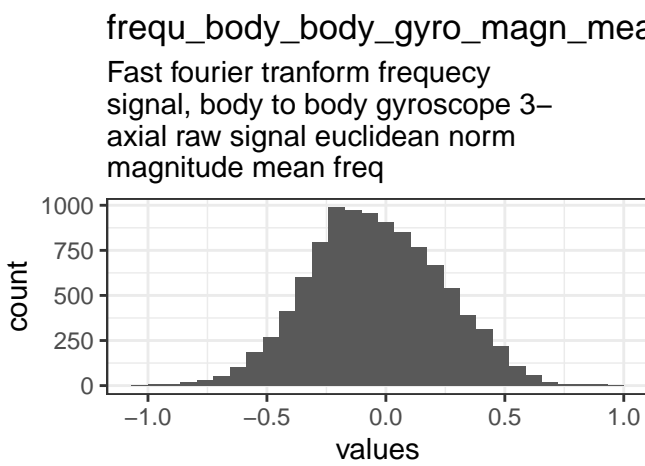
Figure 78: Distribution of values for frequ_body_body_gyro_magn_mean_freq

Distribution 0 missing values.

Summary statistics

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
frequ_body_body_gyro_magn_mean_freq	Fast fourier tranform frequecy signal, body to body gyroscope 3-axial raw signal euclidean norm magnitude mean freq	numeric	0	1	-1	0.052	1	0.2801418	0.0415636	

frequ_body_body_gyro_jerk_magn_

Fast fourier tranform frequecy
signal, body to body gyroscope 3–
axial raw signal jerk euclidean
norm magnitude mean

Figure 79: Distribution of values for frequ_body_body_gyro_jerk_magn_mean

name	label	data_type	missing	complete	n	min	median	max	mean	sd	hist
frequ_body_b...	Fast fourier tranform frequecy signal, body to body gyroscope 3-axial raw signal jerk euclidean norm magnitude mean	numeric	0	1	-	-	1	1	0.95	- 0.7797676	0.2675916

frequ_body_body_gyro_jerk_magn_std

Fast fourier tranform frequecy signal, body to body gyroscope 3-axial raw signal jerk euclidean norm magnitude standard deviation

frequ_body_body_gyro_jerk_magn_

Fast fourier tranform frequecy
signal, body to body gyroscope 3–
axial raw signal jerk euclidean
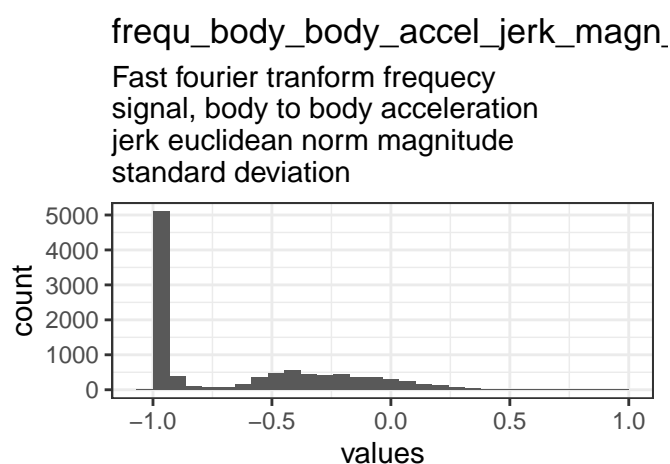norm magnitude standard deviation

Figure 80: Distribution of values for frequ_body_body_gyro_jerk_magn_std

Distribution 0 missing values.

Summary statistics

name	label	data_type	missing	complete	n	min	median	max	mean	sd	hist
frequ_body_...	Fast fourier tranform frequecy signal, body to body gyroscope 3-axial raw signal jerk euclidean norm magnitude standard deviation	numeric	0	1	-	-	1	1	0.94	- 0.7921902	0.2591601

frequ_body_body_gyro_jerk_magn_

Fast fourier tranform frequecy
signal, body to body gyroscope 3–
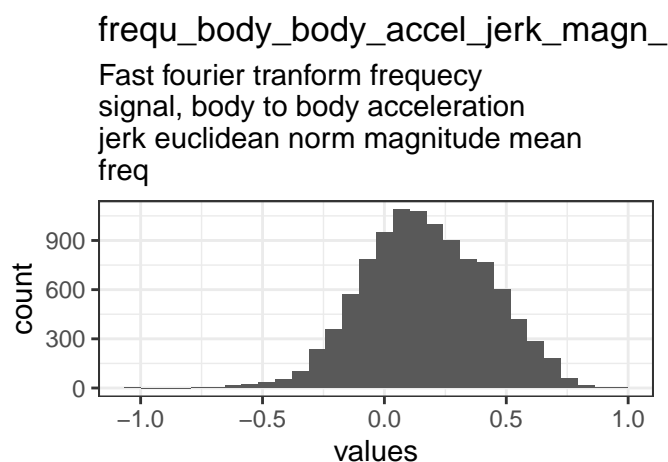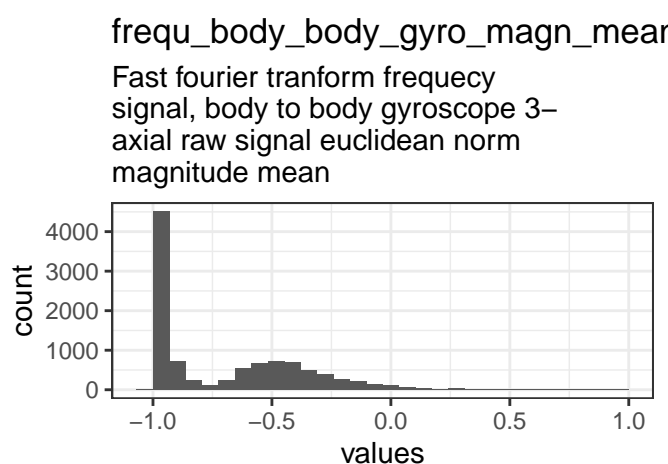axial raw signal jerk euclidean
norm magnitude mean freq

Figure 81: Distribution of values for frequ_body_body_gyro_jerk_magn_mean_freq

name	label	data_type	missing	complete	n	min	median	max	mean	sd	hist
frequ_body_bo...	Fast fourier tranform frequecy signal, body to body gyroscope 3-axial raw signal jerk euclidean norm magnitude mean freq	numeric	0	1	- 1	0.14	1	0.1267	0.2815443		

angle_timeof_body_accel_mean_gravity

Angle of time domains signal (50Hz const rate), body acceleration mean gravity

angle_timeof_body_accel_mean_gra

Angle of time domains signal (50Hz
const rate), body acceleration mean
gravity
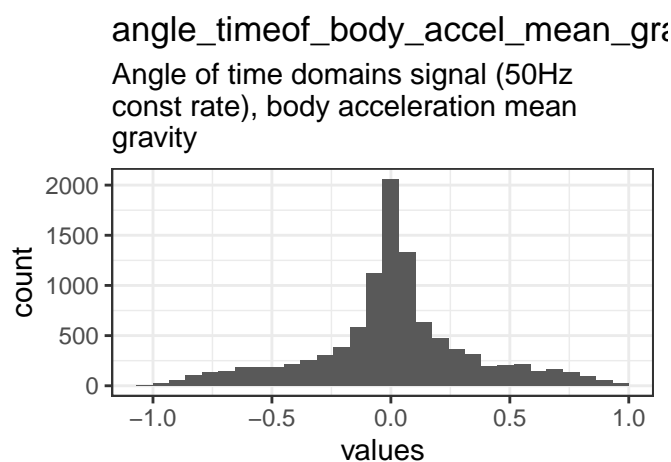
Figure 82: Distribution of values for angle_timeof_body_accel_mean_gravity

Distribution   0 missing values.

Summary statistics

name	label	data_type	missing	complete	n	min	median	max	mean	sd	hist
angle_timeof_bod...	Angle of time domains signal (50Hz const rate), body acceleration mean gravity	52 numeric	0	1	-1	0.00811	1	0.00770	0.1836591		
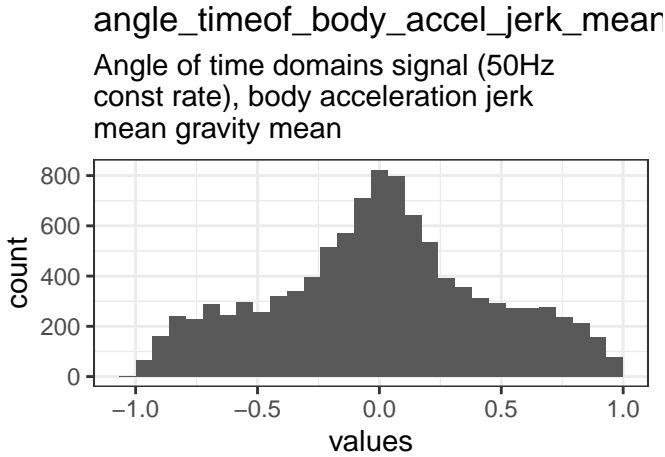
Figure 83: Distribution of values for angle_timeof_body_accel_jerk_mean_gravity_mean

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
angle_timeof_body Angle of time domains signal (50Hz const rate), body acceleration jerk mean gravity mean	_accel_jerk_mean_gravity_mean	numeric	0	1	-1	0.0077	1	0.0026	0.4747	3638

angle_timeof_body_gyro_mean_gravity_mean

Angle of time domains signal (50Hz const rate), body gyroscope 3-axial raw signal mean gravity mean
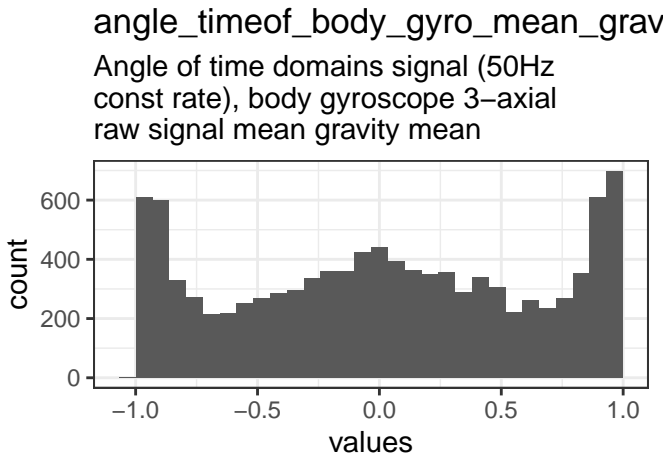
Figure 84: Distribution of values for angle_timeof_body_gyro_mean_gravity_mean

Distribution   0 missing values.

Summary statistics

name	label	data_type	missing	complete_rate	min	median	max	mean	sd	hist
angle_timeof_body Angle of time domains signal (50Hz const rate), body gyroscope 3-axial raw signal mean gravity mean	_gyro_mean_gravity_mean	numeric	0	1	-1	0.0171	1	0.0176	0.5816	1885

angle_timeof_body_gyro_jerk_mean_

Angle of time domains signal (50Hz const rate), body gyroscope 3–axial raw signal jerk mean gravity mean
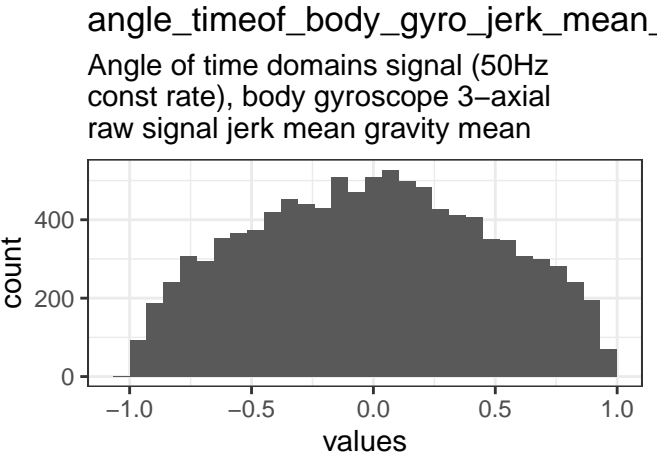
Figure 85: Distribution of values for angle_timeof_body_gyro_jerk_mean_gravity_mean

name	label	data_type	n_missing	complete_rate	min	median	max	mean	sd	hist
angle_timeof_bod...	Angle of time domains signal (50Hz const rate), body gyroscope 3-axial raw signal jerk mean gravity mean	numeric	0	1	- 1	- 0.0072	1	- 0.0092191	0.4847698	

angle_x_gravity_mean

Angle of X axis, gravity mean

angle_x_gravity_mean

Angle of X axis, gravity mean
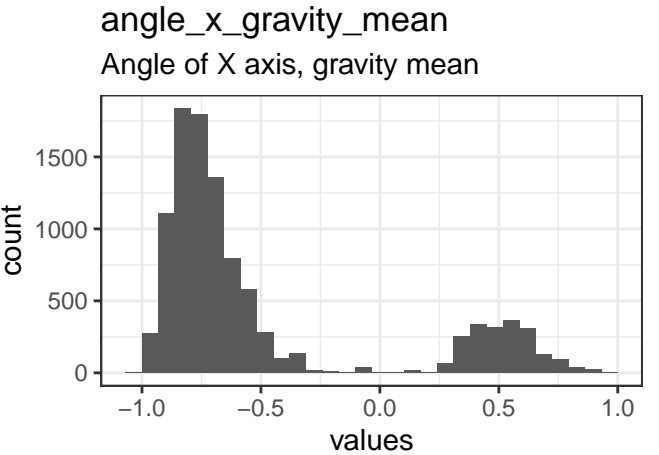
Figure 86: Distribution of values for angle_x_gravity_mean

Distribution 0 missing values.

Summary statistics

name	label	data_type	n_missing	complete_rate	min	median	max	mean	sd	hist
angle_x_gravity...	Angle of X axis, gravity mean	numeric	0	1	-1	- 0.72	1	- 0.4965222	0.5111578	

angle_y_gravity_mean
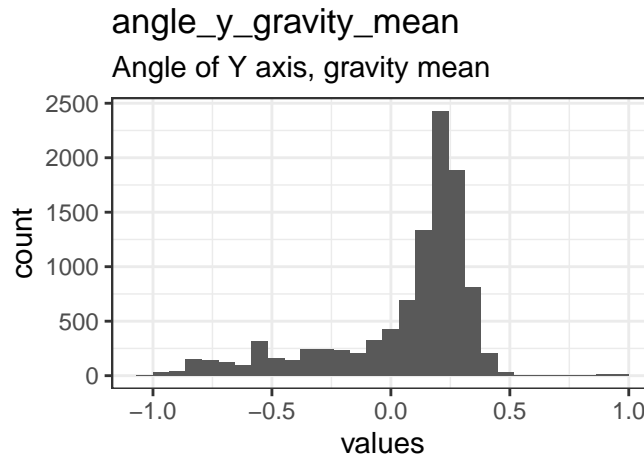
Figure 87: Distribution of values for angle_y_gravity_mean

angle_z_gravity_mean

Angle of Z axis, gravity mean
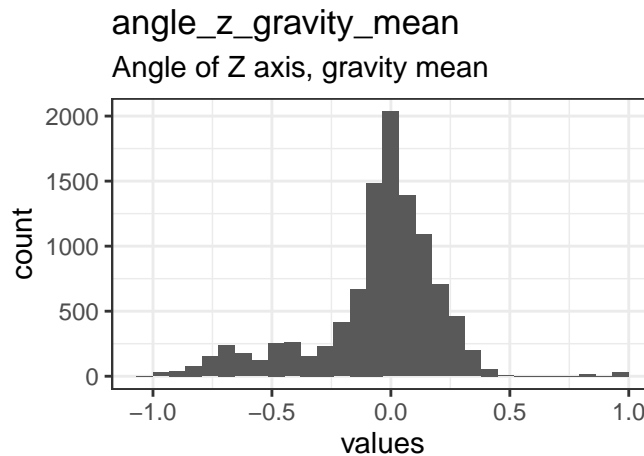
Figure 88: Distribution of values for angle_z_gravity_mean

Distribution 0 missing values.

Summary statistics

name	label	data_type	n_missing	complete_rate	min	median	max	mean	sd	hist
angle_z_gravity_mean	Angle of Z axis, gravity mean	numeric	0	1	-1	-0.0039	1	0.0542843	0.2688982	

Missingness report

Codebook table

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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