

Codebook for data

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Data report overview

This dataset is created from the University of California at Irvine Human Activity Recognition dataset. It is the result of calculating the average (mean) of all variables containing the words 'mean' or 'std_dev' (standard deviation) for all subjects and all activities. The UCI HAR dataset is separated into several pieces with subjects, activities separated from the data results and the results divided into testing and training sets.

This dataset combines subjects, activities, testing and training sets into one dataset, subtracts out the variables (with their results) into a new dataset, and then calculates the mean for each subject, activity, and variable combination. For example, the average value is calculated individually for all subject 1, activity 1 observations, then subject 1, activity 2 observations, and so on.

Less cryptic variable names were assigned to the averaged results and all values are output in a table format.

The dataset examined has the following dimensions:

Feature	Result
Number of observations	180
Number of variables	81

Codebook summary table

Variable	Class	# unique values	Missing
subject	integer	30	0.00 %
activity	factor	6	0.00 %
mean_time_body_acceleration_X	numeric	180	0.00 %
mean_time_body_acceleration_Y	numeric	180	0.00 %
mean_time_body_acceleration_Z	numeric	180	0.00 %
std_dev_time_body_acceleration_X	numeric	180	0.00 %
std_dev_time_body_acceleration_Y	numeric	180	0.00 %
std_dev_time_body_acceleration_Z	numeric	180	0.00 %
mean_time_gravity_acceleration_X	numeric	180	0.00 %
mean_time_gravity_acceleration_Y	numeric	180	0.00 %
mean_time_gravity_acceleration_Z	numeric	180	0.00 %
std_dev_time_gravity_acceleration_X	numeric	180	0.00 %
std_dev_time_gravity_acceleration_Y	numeric	180	0.00 %
std_dev_time_gravity_acceleration_Z	numeric	180	0.00 %
mean_time_body_acceleration_jerk_X	numeric	180	0.00 %
mean_time_body_acceleration_jerk_Y	numeric	180	0.00 %
mean_time_body_acceleration_jerk_Z	numeric	180	0.00 %

Variable	Class	# unique values	Missing
std_dev_body_acceleration_jerk_X	numeric	180	0.00 %
std_dev_body_acceleration_jerk_Y	numeric	180	0.00 %
std_dev_body_acceleration_jerk_Z	numeric	180	0.00 %
mean_time_body_angular_velocity_X	numeric	180	0.00 %
mean_time_body_angular_velocity_Y	numeric	180	0.00 %
mean_time_body_angular_velocity_Z	numeric	180	0.00 %
std_dev_time_body_angular_velocity_X	numeric	180	0.00 %
std_dev_time_body_angular_velocity_Y	numeric	180	0.00 %
std_dev_time_body_angular_velocity_Z	numeric	180	0.00 %
mean_time_body_angular_velocity_jerk_X	numeric	180	0.00 %
mean_time_body_angular_velocity_jerk_Y	numeric	180	0.00 %
mean_time_body_angular_velocity_jerk_Z	numeric	180	0.00 %
std_dev_time_body_angular_velocity_jerk_X	numeric	180	0.00 %
std_dev_time_body_angular_velocity_jerk_Y	numeric	180	0.00 %
std_dev_time_body_angular_velocity_jerk_Z	numeric	180	0.00 %
mean_time_body_acceleration_magnitude	numeric	180	0.00 %
std_dev_time_body_acceleration_magnitude	numeric	180	0.00 %
mean_time_gravity_acceleration_magnitude	numeric	180	0.00 %
std_dev_time_gravity_acceleration_magnitude	numeric	180	0.00 %
mean_time_body_acceleration_jerk_magnitude	numeric	180	0.00 %
std_dev_time_body_acceleration_jerk_magnitude	numeric	180	0.00 %
mean_time_body_angular_velocity_magnitude	numeric	180	0.00 %
std_dev_time_body_angular_velocity_magnitude	numeric	180	0.00 %
mean_time_body_angular_velocity_jerk_magnitude	numeric	180	0.00 %
std_dev_time_body_angular_velocity_jerk_magnitude	numeric	180	0.00 %
mean_frequency_body_acceleration_X	numeric	180	0.00 %
mean_frequency_body_acceleration_Y	numeric	180	0.00 %
mean_frequency_body_acceleration_Z	numeric	180	0.00 %
std_dev_frequency_body_acceleration_X	numeric	180	0.00 %
std_dev_frequency_body_acceleration_Y	numeric	180	0.00 %
std_dev_frequency_body_acceleration_Z	numeric	180	0.00 %
mean_of_mean_frequency_body_acceleration_X	numeric	180	0.00 %
mean_of_mean_frequency_body_acceleration_Y	numeric	180	0.00 %
mean_of_mean_frequency_body_acceleration_Z	numeric	180	0.00 %
mean_frequency_body_acceleration_jerk_X	numeric	180	0.00 %
mean_frequency_body_acceleration_jerk_Y	numeric	180	0.00 %
mean_frequency_body_acceleration_jerk_Z	numeric	180	0.00 %
std_dev_frequency_body_acceleration_jerk_X	numeric	180	0.00 %
std_dev_frequency_body_acceleration_jerk_Y	numeric	180	0.00 %
std_dev_frequency_body_acceleration_jerk_Z	numeric	180	0.00 %
mean_of_mean_frequency_body_acceleration_jerk_X	numeric	180	0.00 %
mean_of_mean_frequency_body_acceleration_jerk_Y	numeric	180	0.00 %
mean_of_mean_frequency_body_acceleration_jerk_Z	numeric	180	0.00 %
mean_frequency_body_angular_velocity_X	numeric	180	0.00 %
mean_frequency_body_angular_velocity_Y	numeric	180	0.00 %
mean_frequency_body_angular_velocity_Z	numeric	180	0.00 %
std_dev_frequency_body_angular_velocity_X	numeric	180	0.00 %
std_dev_frequency_body_angular_velocity_Y	numeric	180	0.00 %
std_dev_frequency_body_angular_velocity_Z	numeric	180	0.00 %
mean_of_mean_frequency_body_angular_velocity_X	numeric	180	0.00 %
mean_of_mean_frequency_body_angular_velocity_Y	numeric	180	0.00 %
mean_of_mean_frequency_body_angular_velocity_Z	numeric	180	0.00 %
mean_frequency_body_acceleration_magnitude	numeric	180	0.00 %

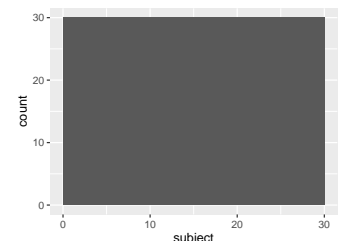
Variable	Class	# unique values	Missing
std_dev_frequency_body_acceleration_magnitude	numeric	180	0.00 %
mean_of_mean_frequency_body_acceleration_magnitude	numeric	180	0.00 %
mean_frequency_body_body_acceleration_jerk_magnitude	numeric	180	0.00 %
std_dev_frequency_body_body_acceleration_jerk_magnitude	numeric	180	0.00 %
mean_of_mean_frequency_body_body_acceleration_jerk_magnitude	numeric	180	0.00 %
mean_frequency_body_body_angular_velocity_magnitude	numeric	180	0.00 %
std_dev_frequency_body_body_angular_velocity_magnitude	numeric	180	0.00 %
mean_of_mean_frequency_body_body_angular_velocity_magnitude	numeric	180	0.00 %
mean_frequency_body_body_angular_velocity_jerk_magnitude	numeric	180	0.00 %
std_dev_frequency_body_body_angular_velocity_jerk_magnitude	numeric	180	0.00 %
mean_of_mean_frequency_body_body_angular_velocity_jerk_magnitude	numeric	180	0.00 %

Variable list

subject

A numerical identifier for each subject that participated in the study. Thirty individuals between the ages of 19 and 48 took part in the study and are numbered 1-30.

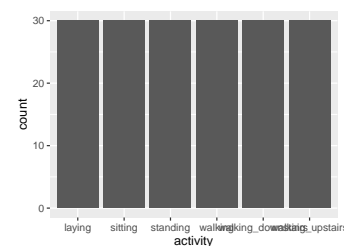
Feature	Result
Variable type	integer
Number of missing obs.	0 (0 %)
Number of unique values	30
Units	N/A
Median	15.5
1st and 3rd quartiles	8; 23
Min. and max.	1; 30



activity

A character identifier for each activity. The six activities are listed below as 'observed factors'

Feature	Result
Variable type	factor
Number of missing obs.	0 (0 %)
Number of unique values	6
Units	N/A
Mode	"laying"
Reference category	laying

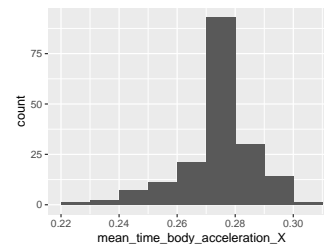


- Observed factor levels: "laying", "sitting", "standing", "walking", "walking_downstairs", "walking_upstairs".

mean_time_body_acceleration_X

A numeric value representing average body acceleration in the x-direction in the time domain.

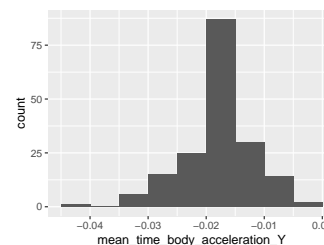
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	0.28
1st and 3rd quartiles	0.27; 0.28
Min. and max.	0.22; 0.3



mean_time_body_acceleration_Y

A numeric value representing average body acceleration in the y-direction in the time domain.

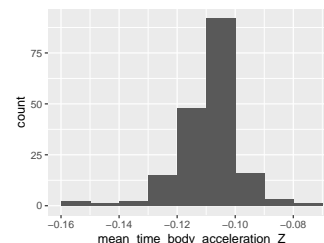
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.02
1st and 3rd quartiles	-0.02; -0.01
Min. and max.	-0.04; 0



mean_time_body_acceleration_Z

A numeric value representing average body acceleration in the z-direction in the time domain.

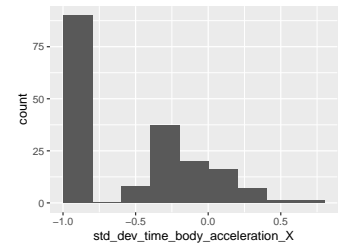
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.11
1st and 3rd quartiles	-0.11; -0.1
Min. and max.	-0.15; -0.08



std_dev_time_body_acceleration_X

A numeric value representing the standard deviation of body acceleration in the x-direction in the time domain.

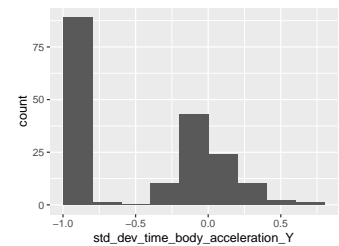
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.75
1st and 3rd quartiles	-0.98; -0.2
Min. and max.	-1; 0.63



std_dev_time_body_acceleration_Y

A numeric value representing the standard deviation of body acceleration in the y-direction in the time domain.

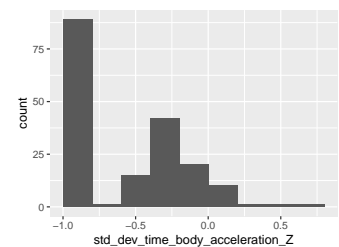
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.51
1st and 3rd quartiles	-0.94; -0.03
Min. and max.	-0.99; 0.62



std_dev_time_body_acceleration_Z

A numeric value representing the standard deviation of body acceleration in the z-direction in the time domain.

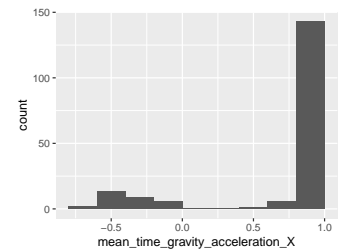
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.65
1st and 3rd quartiles	-0.95; -0.23
Min. and max.	-0.99; 0.61



mean_time_gravity_acceleration_X

A numeric value representing the average gravity acceleration in the x-direction in the time domain.

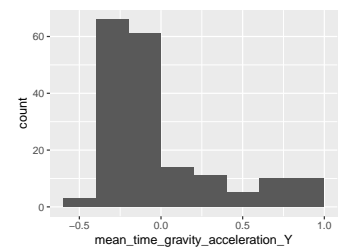
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	0.92
1st and 3rd quartiles	0.84; 0.94
Min. and max.	-0.68; 0.97



mean_time_gravity_acceleration_Y

A numeric value representing the average gravity acceleration in the y-direction in the time domain.

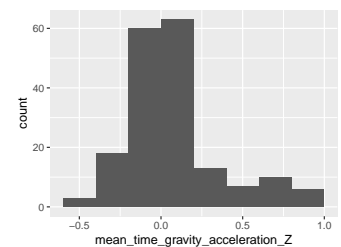
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.13
1st and 3rd quartiles	-0.23; 0.09
Min. and max.	-0.48; 0.96



mean_time_gravity_acceleration_Z

A numeric value representing the average gravity acceleration in the z-direction in the time domain.

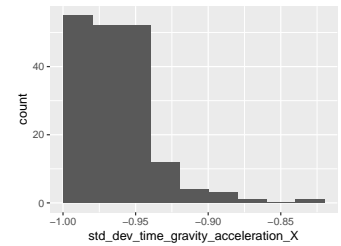
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	0.02
1st and 3rd quartiles	-0.12; 0.15
Min. and max.	-0.5; 0.96



std_dev_time_gravity_acceleration_X

A numeric value representing the standard deviation of gravity acceleration in the x-direction in the time domain.

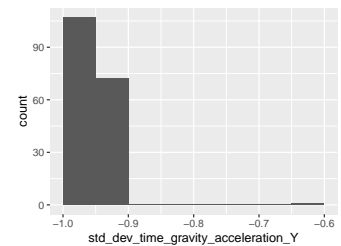
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.97
1st and 3rd quartiles	-0.98; -0.95
Min. and max.	-1; -0.83



std_dev_time_gravity_acceleration_Y

A numeric value representing the standard deviation of gravity acceleration in the y-direction in the time domain.

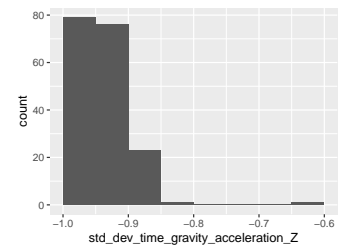
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.96
1st and 3rd quartiles	-0.97; -0.94
Min. and max.	-0.99; -0.64



std_dev_time_gravity_acceleration_Z

A numeric value representing the standard deviation of gravity acceleration in the z-direction in the time domain.

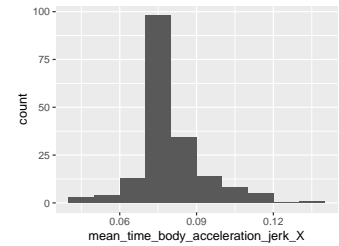
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.95
1st and 3rd quartiles	-0.96; -0.92
Min. and max.	-0.99; -0.61



mean_time_body_acceleration_jerk_X

A numeric value that represents the average jerk, a value derived from body acceleration in the x-direction in the time domain.

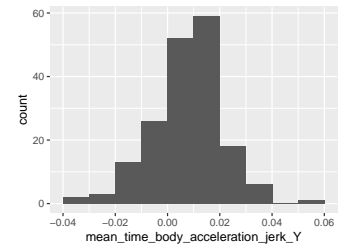
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	0.08
1st and 3rd quartiles	0.07; 0.08
Min. and max.	0.04; 0.13



mean_time_body_acceleration_jerk_Y

A numeric value that represents the average jerk, a value derived from body acceleration in the y-direction in the time domain.

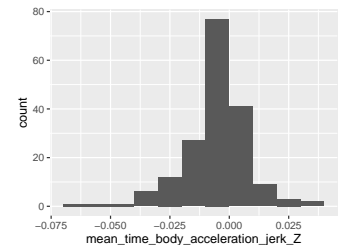
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	0.01
1st and 3rd quartiles	0; 0.01
Min. and max.	-0.04; 0.06



mean_time_body_acceleration_jerk_Z

A numeric value that represents the average jerk, a value derived from body acceleration in the z-direction in the time domain.

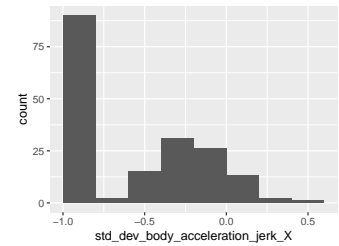
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	0
1st and 3rd quartiles	-0.01; 0
Min. and max.	-0.07; 0.04



std_dev_body_acceleration_jerk_X

A numeric value that represents the standard deviation of jerk, a value derived from body acceleration in the x-direction in the time domain.

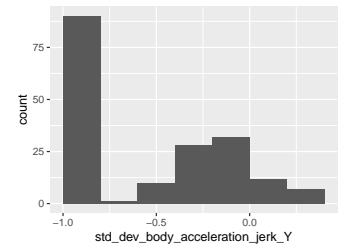
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.81
1st and 3rd quartiles	-0.98; -0.22
Min. and max.	-0.99; 0.54



std_dev_body_acceleration_jerk_Y

A numeric value that represents the standard deviation of jerk, a value derived from body acceleration in the y-direction in the time domain

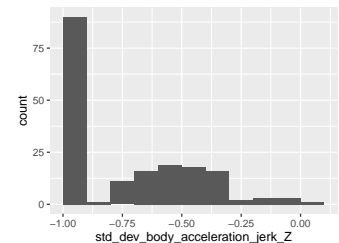
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.78
1st and 3rd quartiles	-0.97; -0.15
Min. and max.	-0.99; 0.36



std_dev_body_acceleration_jerk_Z

A numeric value that represents the standard deviation of jerk, a value derived from body acceleration in the z-direction in the time domain

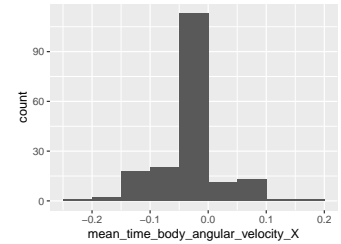
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.88
1st and 3rd quartiles	-0.98; -0.51
Min. and max.	-0.99; 0.03



mean_time_body_angular_velocity_X

A numeric value representing the average body's angular velocity in the x-direction in the time domain.

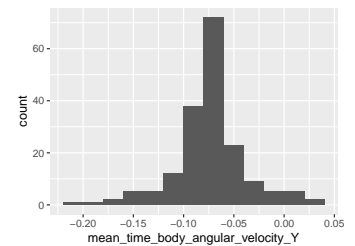
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	radians/sec
Median	-0.03
1st and 3rd quartiles	-0.05; -0.02
Min. and max.	-0.21; 0.19



mean_time_body_angular_velocity_Y

A numeric value representing the average body angular velocity in the y-direction in the time domain.

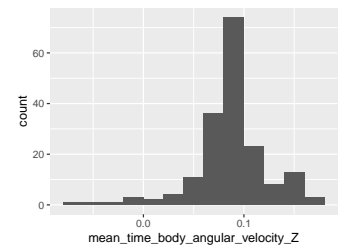
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	radians/sec
Median	-0.07
1st and 3rd quartiles	-0.09; -0.06
Min. and max.	-0.2; 0.03



mean_time_body_angular_velocity_Z

A numeric value representing the average body angular velocity in the z-direction in the time domain.

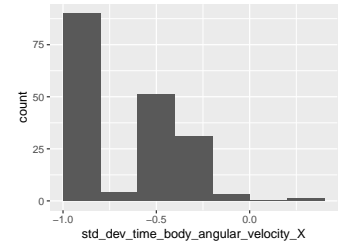
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	radians/sec
Median	0.09
1st and 3rd quartiles	0.07; 0.1
Min. and max.	-0.07; 0.18



std_dev_time_body_angular_velocity_X

A numeric value representing the standard deviation of the body angular velocity in the x-direction in the time domain.

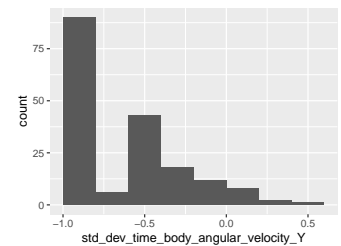
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	radians/sec
Median	-0.79
1st and 3rd quartiles	-0.97; -0.44
Min. and max.	-0.99; 0.27



std_dev_time_body_angular_velocity_Y

A numeric value representing the standard deviation of the body angular velocity in the y-direction in the time domain.

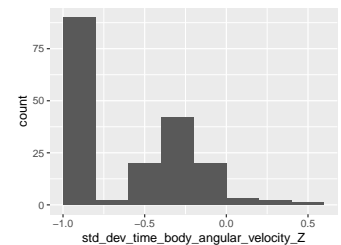
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	radians/sec
Median	-0.8
1st and 3rd quartiles	-0.96; -0.42
Min. and max.	-0.99; 0.48



std_dev_time_body_angular_velocity_Z

A numeric value representing the standard deviation of the body angular velocity in the z-direction in the time domain.

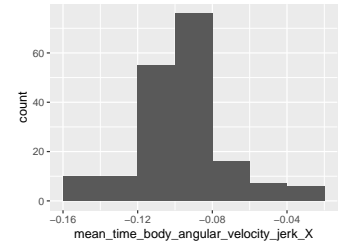
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	radians/sec
Median	-0.8
1st and 3rd quartiles	-0.96; -0.31
Min. and max.	-0.99; 0.56



mean_time_body_angular_velocity_jerk_X

A numeric value that represents the average jerk, a value derived from body angular velocity in the x-direction in the time domain.

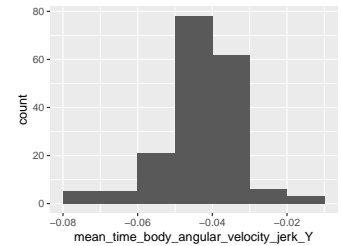
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	radians/sec
Median	-0.1
1st and 3rd quartiles	-0.1; -0.09
Min. and max.	-0.16; -0.02



mean_time_body_angular_velocity_jerk_Y

A numeric value that represents the average jerk, a value derived from body angular velocity in the y-direction in the time domain.

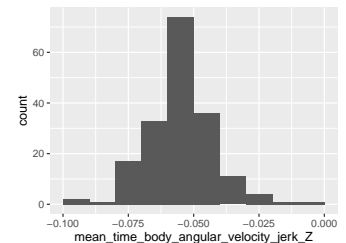
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	radians/sec
Median	-0.04
1st and 3rd quartiles	-0.05; -0.04
Min. and max.	-0.08; -0.01



mean_time_body_angular_velocity_jerk_Z

A numeric value that represents the average jerk, a value derived from body angular velocity in the z-direction in the time domain.

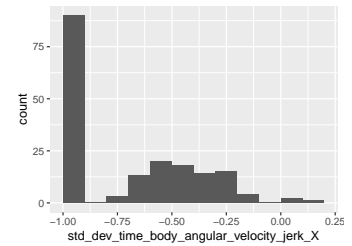
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	radians/sec
Median	-0.05
1st and 3rd quartiles	-0.06; -0.05
Min. and max.	-0.09; -0.01



std_dev_time_body_angular_velocity_jerk_X

A numeric value that represents the standard deviation of jerk, a value derived from body angular velocity in the x-direction in the time domain.

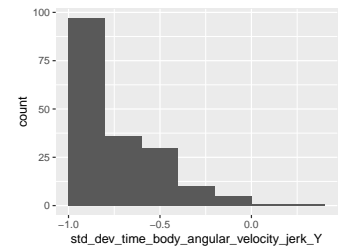
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	radians/sec
Median	-0.84
1st and 3rd quartiles	-0.98; -0.46
Min. and max.	-1; 0.18



std_dev_time_body_angular_velocity_jerk_Y

A numeric value that represents the standard deviation of jerk, a value derived from body angular velocity in the y-direction in the time domain.

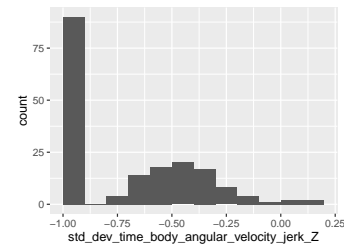
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	radians/sec
Median	-0.89
1st and 3rd quartiles	-0.98; -0.59
Min. and max.	-1; 0.3



std_dev_time_body_angular_velocity_jerk_Z

A numeric value that represents the standard deviation of jerk, a value derived from body angular velocity in the z-direction in the time domain.

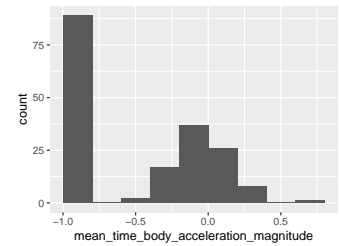
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	radians/sec
Median	-0.86
1st and 3rd quartiles	-0.98; -0.47
Min. and max.	-1; 0.19



mean_time_body_acceleration_magnitude

A numeric value that represents the average magnitude of body acceleration.

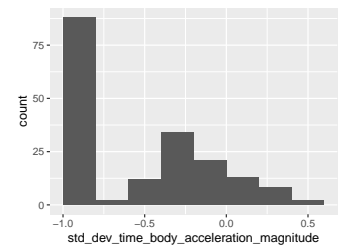
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.48
1st and 3rd quartiles	-0.96; -0.09
Min. and max.	-0.99; 0.64



std_dev_time_body_acceleration_magnitude

A numeric value that represents the standard deviation of the magnitude of body acceleration.

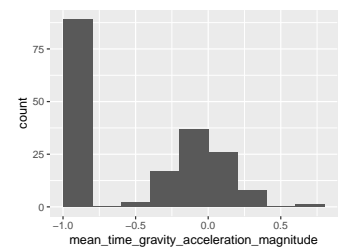
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.61
1st and 3rd quartiles	-0.94; -0.21
Min. and max.	-0.99; 0.43



mean_time_gravity_acceleration_magnitude

A numeric value that represents the average magnitude of gravity acceleration in the time domain.

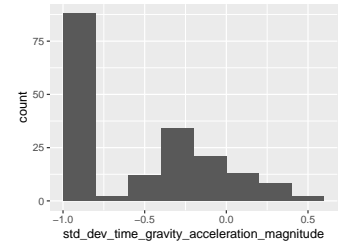
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.48
1st and 3rd quartiles	-0.96; -0.09
Min. and max.	-0.99; 0.64



std_dev_time_gravity_acceleration_magnitude

A numeric value that represents the standard deviation of magnitude of gravity acceleration in the time domain.

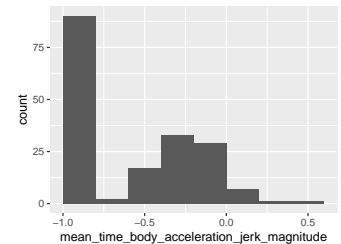
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.61
1st and 3rd quartiles	-0.94; -0.21
Min. and max.	-0.99; 0.43



mean_time_body_acceleration_jerk_magnitude

A numeric value that represents the average jerk, a value derived from the magnitude of body acceleration in the time domain.

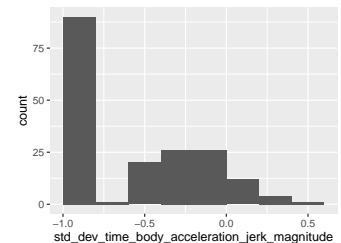
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.82
1st and 3rd quartiles	-0.98; -0.25
Min. and max.	-0.99; 0.43



std_dev_time_body_acceleration_jerk_magnitude

A numeric value that represents the standard deviation of jerk, a value derived from the magnitude of body acceleration in the time domain.

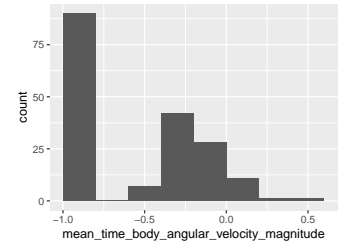
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.8
1st and 3rd quartiles	-0.98; -0.22
Min. and max.	-0.99; 0.45



mean_time_body_angular_velocity_magnitude

A numeric value that represents the average magnitude of body angular velocity in the time domain.

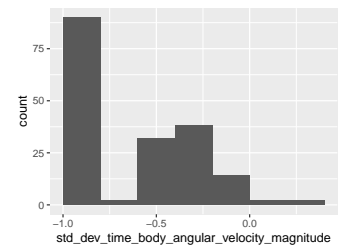
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	radians/sec
Median	-0.66
1st and 3rd quartiles	-0.95; -0.22
Min. and max.	-0.98; 0.42



std_dev_time_body_angular_velocity_magnitude

A numeric value that represents the standard deviation of the magnitude of body angular velocity in the time domain.

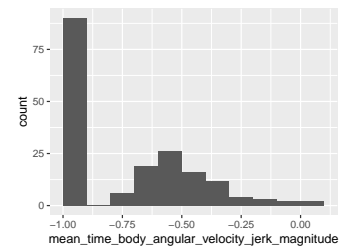
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	radians/sec
Median	-0.74
1st and 3rd quartiles	-0.95; -0.36
Min. and max.	-0.98; 0.3



mean_time_body_angular_velocity_jerk_magnitude

A numeric value that represents the average jerk, a value derived from the magnitude of body acceleration in the time domain.

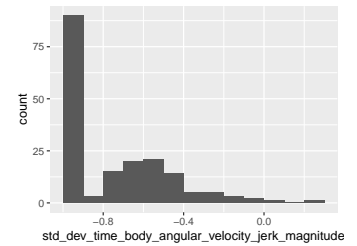
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	radians/sec
Median	-0.86
1st and 3rd quartiles	-0.99; -0.51
Min. and max.	-1; 0.09



std_dev_time_body_angular_velocity_jerk_magnitude

A numeric value that represents the standard deviation of jerk, a value derived from the magnitude of body angular velocity in the time domain.\$

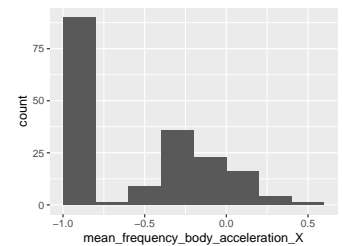
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	radians/sec
Median	-0.88
1st and 3rd quartiles	-0.98; -0.58
Min. and max.	-1; 0.25



mean_frequency_body_acceleration_X

A numeric value representing average body acceleration in the x-direction of the frequency domain.

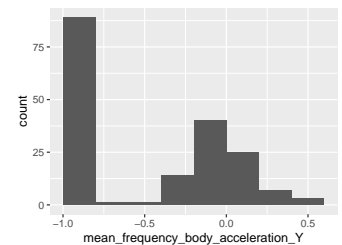
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.77
1st and 3rd quartiles	-0.98; -0.22
Min. and max.	-1; 0.54



mean_frequency_body_acceleration_Y

A numeric value representing average body acceleration in the y-direction of the frequency domain.

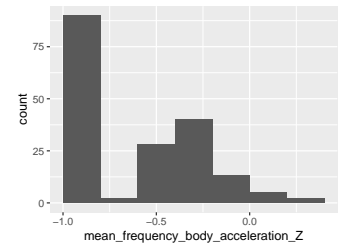
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.59
1st and 3rd quartiles	-0.95; -0.06
Min. and max.	-0.99; 0.52



mean_frequency_body_acceleration_Z

A numeric value representing average body acceleration in the z-direction of the frequency domain.

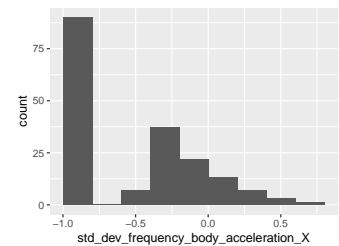
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.72
1st and 3rd quartiles	-0.96; -0.32
Min. and max.	-0.99; 0.28



std_dev_frequency_body_acceleration_X

A numeric value representing standard deviation body acceleration in the x-direction of the frequency domain.

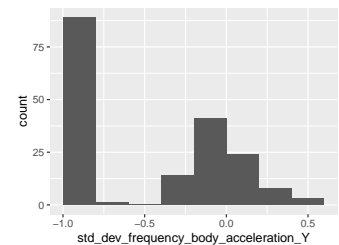
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.75
1st and 3rd quartiles	-0.98; -0.2
Min. and max.	-1; 0.66



std_dev_frequency_body_acceleration_Y

A numeric value representing standard deviation body acceleration in the y-direction of the frequency domain.

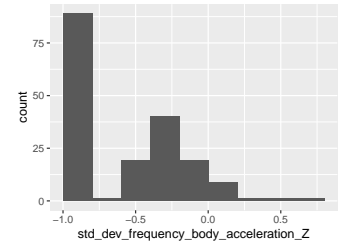
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.51
1st and 3rd quartiles	-0.94; -0.08
Min. and max.	-0.99; 0.56



std_dev_frequency_body_acceleration_Z

A numeric value representing standard deviation body acceleration in the z-direction of the frequency domain.

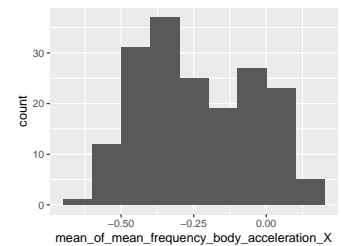
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.64
1st and 3rd quartiles	-0.95; -0.27
Min. and max.	-0.99; 0.69



mean_of_mean_frequency_body_acceleration_X

A numeric value representing average body acceleration in the x-direction of the frequency domain.

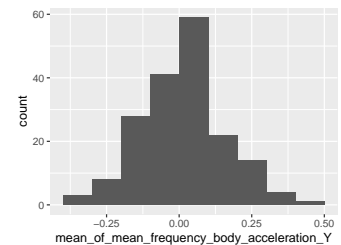
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.26
1st and 3rd quartiles	-0.39; -0.06
Min. and max.	-0.64; 0.16



mean_of_mean_frequency_body_acceleration_Y

A numeric value representing average body acceleration in the y-direction of the frequency domain.

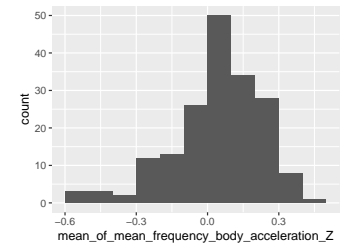
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	0.01
1st and 3rd quartiles	-0.08; 0.09
Min. and max.	-0.38; 0.47



mean_of_mean_frequency_body_acceleration_Z

A numeric value representing average body acceleration in the z-direction of the frequency domain.

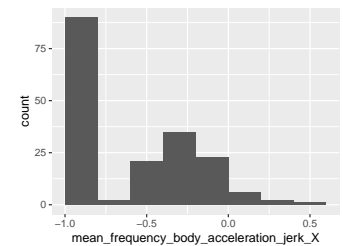
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	0.07
1st and 3rd quartiles	-0.04; 0.18
Min. and max.	-0.52; 0.4



mean_frequency_body_acceleration_jerk_X

A numeric value that represents the average of jerk, a value derived from the body acceleration in the x-direction of the frequency domain.

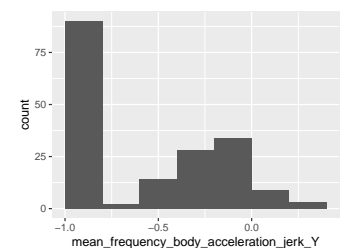
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.81
1st and 3rd quartiles	-0.98; -0.28
Min. and max.	-0.99; 0.47



mean_frequency_body_acceleration_jerk_Y

A numeric value that represents the average of jerk, a value derived from the body acceleration in the y-direction of the frequency domain.

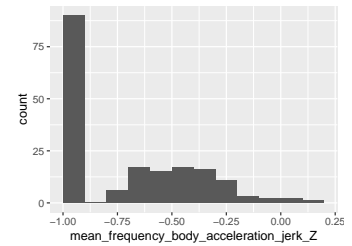
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.78
1st and 3rd quartiles	-0.97; -0.2
Min. and max.	-0.99; 0.28



mean_frequency_body_acceleration_jerk_Z

A numeric value that represents the average of jerk, a value derived from the body acceleration in the z-direction of the frequency domain.

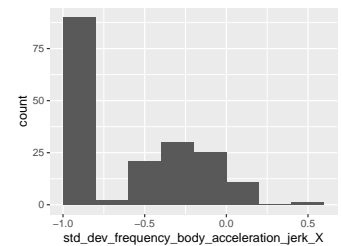
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.87
1st and 3rd quartiles	-0.98; -0.47
Min. and max.	-0.99; 0.16



std_dev_frequency_body_acceleration_jerk_X

A numeric value that represents the standard deviation of jerk, a value derived from the body acceleration in the x-direction of the frequency domain.

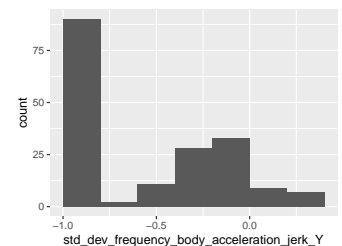
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.83
1st and 3rd quartiles	-0.98; -0.25
Min. and max.	-1; 0.48



std_dev_frequency_body_acceleration_jerk_Y

A numeric value that represents the standard deviation of jerk, a value derived from the body acceleration in the y-direction of the frequency domain.

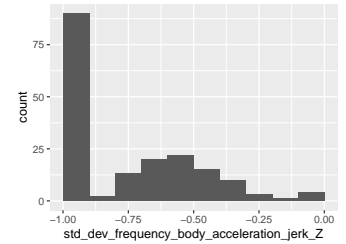
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.79
1st and 3rd quartiles	-0.97; -0.17
Min. and max.	-0.99; 0.35



std_dev_frequency_body_acceleration_jerk_Z

A numeric value that represents the standard deviation of jerk, a value derived from the body acceleration in the z-direction of the frequency domain.

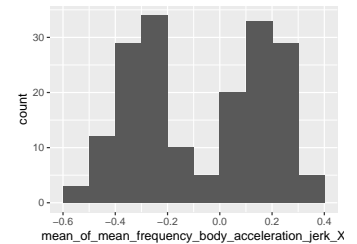
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.9
1st and 3rd quartiles	-0.98; -0.54
Min. and max.	-0.99; -0.01



mean_of_mean_frequency_body_acceleration_jerk_X

A numeric value that represents the average of average jerk, a value derived from the body acceleration in the x-direction of the frequency domain.

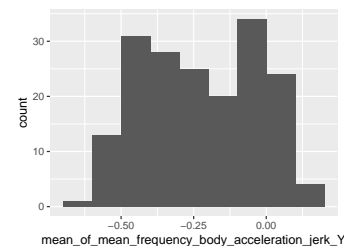
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.06
1st and 3rd quartiles	-0.29; 0.18
Min. and max.	-0.58; 0.33



mean_of_mean_frequency_body_acceleration_jerk_Y

A numeric value that represents the average of average jerk, a value derived from the body acceleration in the y-direction of the frequency domain.

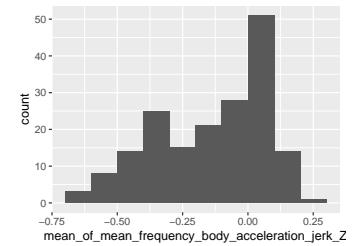
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.23
1st and 3rd quartiles	-0.4; -0.05
Min. and max.	-0.6; 0.2



mean_of_mean_frequency_body_acceleration_jerk_Z

A numeric value that represents the average of average jerk, a value derived from the body acceleration in the z-direction of the frequency domain.

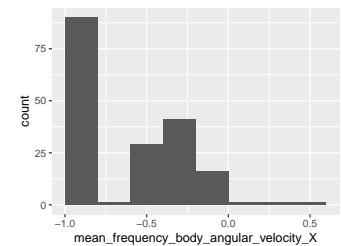
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.09
1st and 3rd quartiles	-0.31; 0.04
Min. and max.	-0.63; 0.23



mean_frequency_body_angular_velocity_X

A numeric value that represents the average body angular velocity in the x-direction of the frequency domain.

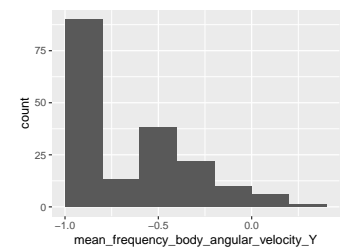
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	radians/sec
Median	-0.73
1st and 3rd quartiles	-0.97; -0.34
Min. and max.	-0.99; 0.47



mean_frequency_body_angular_velocity_Y

A numeric value that represents the average body angular velocity in the y-direction of the frequency domain.

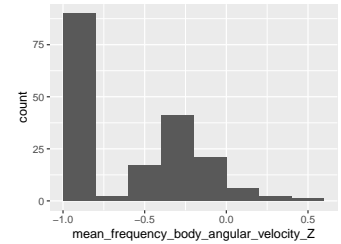
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	radians/sec
Median	-0.81
1st and 3rd quartiles	-0.97; -0.45
Min. and max.	-0.99; 0.33



mean_frequency_body_angular_velocity_Z

A numeric value that represents the average body angular velocity in the z-direction of the frequency domain.

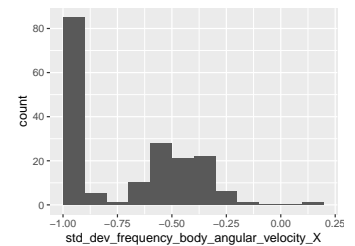
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	radians/sec
Median	-0.79
1st and 3rd quartiles	-0.96; -0.26
Min. and max.	-0.99; 0.49



std_dev_frequency_body_angular_velocity_X

A numeric value that represents the stadard deviation of body angular velocity in the x-direction of the frequency domain.

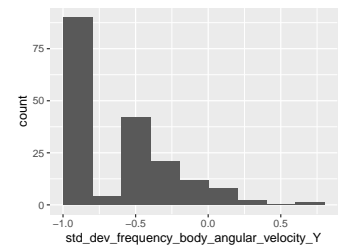
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	radians/sec
Median	-0.81
1st and 3rd quartiles	-0.98; -0.48
Min. and max.	-0.99; 0.2



std_dev_frequency_body_angular_velocity_Y

A numeric value that represents the stadard deviation of body angular velocity in the y-direction of the frequency domain.

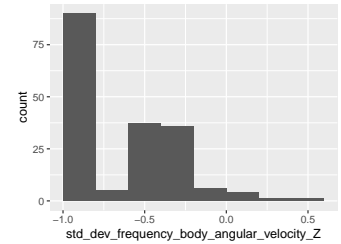
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	radians/sec
Median	-0.8
1st and 3rd quartiles	-0.96; -0.42
Min. and max.	-0.99; 0.65



std_dev_frequency_body_angular_velocity_Z

A numeric value that represents the stadard deviation of body angular velocity in the z-direction of the frequency domain.

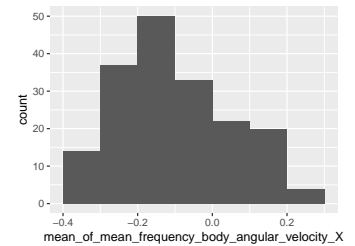
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	radians/sec
Median	-0.82
1st and 3rd quartiles	-0.96; -0.39
Min. and max.	-0.99; 0.52



mean_of_mean_frequency_body_angular_velocity_X

A numeric value that represents the average of the average of body angular velocity in the x-direction of the frequency domain.

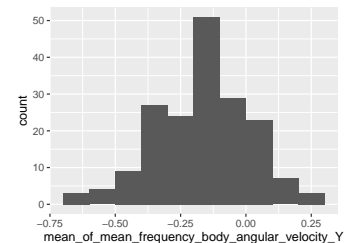
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	radians/sec
Median	-0.12
1st and 3rd quartiles	-0.21; 0
Min. and max.	-0.4; 0.25



mean_of_mean_frequency_body_angular_velocity_Y

A numeric value that represents the average of the average of body angular velocity in the y-direction of the frequency domain.

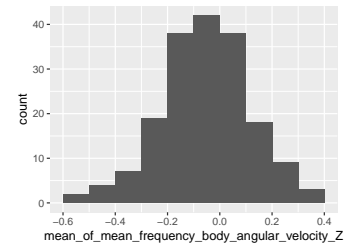
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	radians/sec
Median	-0.16
1st and 3rd quartiles	-0.29; -0.04
Min. and max.	-0.67; 0.27



mean_of_mean_frequency_body_angular_velocity_Z

A numeric value that represents the average of the average of body angular velocity in the z-direction of the frequency domain.

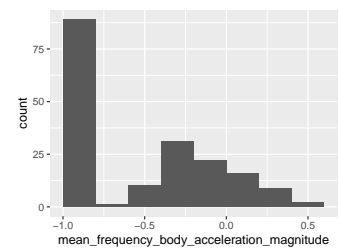
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	radians/sec
Median	-0.05
1st and 3rd quartiles	-0.15; 0.04
Min. and max.	-0.51; 0.38



mean_frequency_body_acceleration_magnitude

A numeric value that represents the average magnitude of body acceleration in the frequency domain.

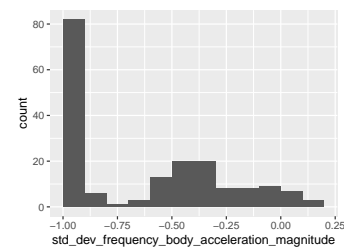
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.67
1st and 3rd quartiles	-0.96; -0.16
Min. and max.	-0.99; 0.59



std_dev_frequency_body_acceleration_magnitude

A numeric value that represents the stadard deviation of the magnitude of body acceleration in the frequency domain.

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



mean_of_mean_frequency_body_acceleration_magnitude

A numeric value that represents the average of the average magnitude of body acceleration in the frequency domain.

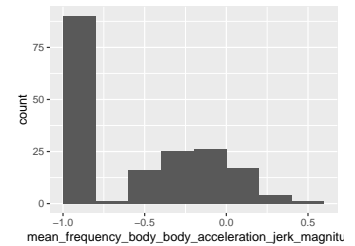
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	0.08
1st and 3rd quartiles	-0.01; 0.17
Min. and max.	-0.31; 0.44



mean_frequency_body_body_acceleration_jerk_magnitude

A numeric value that represents the average jerk, a value derived from the magnitude of body acceleration in the frequency domain.

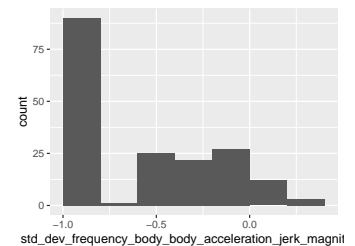
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.79
1st and 3rd quartiles	-0.98; -0.19
Min. and max.	-0.99; 0.54



std_dev_frequency_body_body_acceleration_jerk_magnitude

A numeric value that represents the standard deviation of jerk, a value derived from the magnitude of body acceleration in the frequency domain.

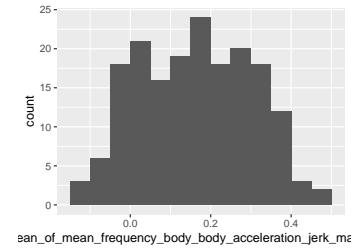
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	-0.81
1st and 3rd quartiles	-0.98; -0.27
Min. and max.	-0.99; 0.32



mean_of_mean_frequency_body_body_acceleration_jerk_magnitude

A numeric value that represents the average of the average jerk, a value derived from the magnitude of body acceleration in the frequency domain.

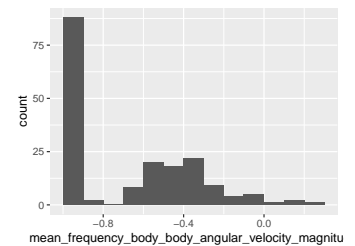
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	gravity (g)
Median	0.17
1st and 3rd quartiles	0.05; 0.28
Min. and max.	-0.13; 0.49



mean_frequency_body_body_angular_velocity_magnitude

A numeric value that represents the average body angular velocity magnitude in the frequency domain.

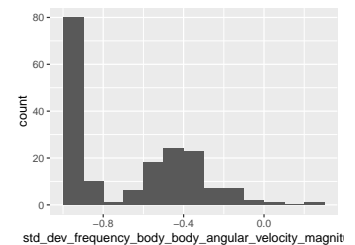
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	radians/sec
Median	-0.77
1st and 3rd quartiles	-0.96; -0.41
Min. and max.	-0.99; 0.2



std_dev_frequency_body_body_angular_velocity_magnitude

A numeric value that represents the standard deviation of body angular velocity magnitude in the frequency domain.

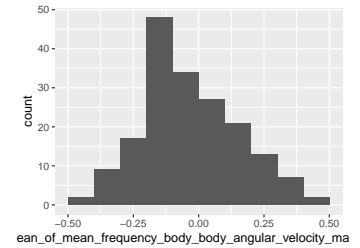
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	radians/sec
Median	-0.77
1st and 3rd quartiles	-0.95; -0.43
Min. and max.	-0.98; 0.24



mean_of_mean_frequency_body_body_angular_velocity_magnitude

A numeric value that represents the average of average of body angular velocity magnitude in the frequency domain.

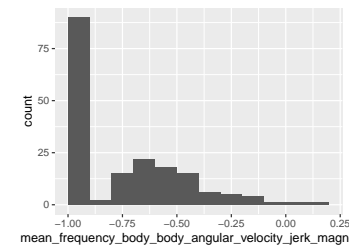
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	radians/sec
Median	-0.05
1st and 3rd quartiles	-0.17; 0.08
Min. and max.	-0.46; 0.41



mean_frequency_body_body_angular_velocity_jerk_magnitude

A numeric value that represents the average of the average jerk, a value derived from the magnitude of body angular velocity in the frequency domain.

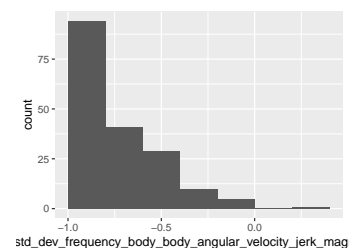
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	radians/sec
Median	-0.88
1st and 3rd quartiles	-0.98; -0.58
Min. and max.	-1; 0.15



std_dev_frequency_body_body_angular_velocity_jerk_magnitude

A numeric value that represents the standard deviation of jerk, a value derived from the magnitude of body angular velocity in the frequency domain.

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



mean_of_mean_frequency_body_body_angular_velocity_jerk_magnitude

A numeric value that represents the average of the average jerk, a value derived from the magnitude of body angular velocity in the frequency domain.

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	180
Units	radians/sec
Median	0.11
1st and 3rd quartiles	0.05; 0.21
Min. and max.	-0.18; 0.43

