Codebook for merge\_test\_train\_mean\_std

The data frame that is the result of performing steps 1 - 4 of the assignment

2018-07-12 14:29:36

# Data report overview

The dataset examined has the following dimensions:

|  |  |
| --- | --- |
| Feature | Result |
| Number of observations | 10299 |
| Number of variables | 68 |

# Codebook summary table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Variable | Class | # unique values | Missing | Description |
| [**subject**](#subject) | integer | 30 | 0.00 % |  |
| [**activity**](#activity) | character | 6 | 0.00 % |  |
| [**Time.Domain.Body.Acceleration.Signal- mean-X axis**](#time.domain.body.acceleration.signal--mean-x-axis) | numeric | 10292 | 0.00 % |  |
| [**Time.Domain.Body.Acceleration.Signal- mean-Y axis**](#time.domain.body.acceleration.signal--mean-y-axis) | numeric | 10299 | 0.00 % |  |
| [**Time.Domain.Body.Acceleration.Signal- mean-Z axis**](#time.domain.body.acceleration.signal--mean-z-axis) | numeric | 10293 | 0.00 % |  |
| [**Time.Domain.Body.Acceleration.Signal- std dev-X axis**](#time.domain.body.acceleration.signal--std-dev-x-axis) | numeric | 10295 | 0.00 % |  |
| [**Time.Domain.Body.Acceleration.Signal- std dev-Y axis**](#time.domain.body.acceleration.signal--std-dev-y-axis) | numeric | 10297 | 0.00 % |  |
| [**Time.Domain.Body.Acceleration.Signal- std dev-Z axis**](#time.domain.body.acceleration.signal--std-dev-z-axis) | numeric | 10297 | 0.00 % |  |
| [**Time.Domain.Gravity.Acceleration.Signal- mean-X axis**](#time.domain.gravity.acceleration.signal--mean-x-axis) | numeric | 10296 | 0.00 % |  |
| [**Time.Domain.Gravity.Acceleration.Signal- mean-Y axis**](#time.domain.gravity.acceleration.signal--mean-y-axis) | numeric | 10298 | 0.00 % |  |
| [**Time.Domain.Gravity.Acceleration.Signal- mean-Z axis**](#time.domain.gravity.acceleration.signal--mean-z-axis) | numeric | 10299 | 0.00 % |  |
| [**Time.Domain.Gravity.Acceleration.Signal- std dev-X axis**](#time.domain.gravity.acceleration.signal--std-dev-x-axis) | numeric | 10288 | 0.00 % |  |
| [**Time.Domain.Gravity.Acceleration.Signal- std dev-Y axis**](#time.domain.gravity.acceleration.signal--std-dev-y-axis) | numeric | 10293 | 0.00 % |  |
| [**Time.Domain.Gravity.Acceleration.Signal- std dev-Z axis**](#time.domain.gravity.acceleration.signal--std-dev-z-axis) | numeric | 10296 | 0.00 % |  |
| [**Time.Domain.Body.Acceleration.Jerk.Signal- mean-X axis**](#time.domain.body.acceleration.jerk.signal--mean-x-axis) | numeric | 10299 | 0.00 % |  |
| [**Time.Domain.Body.Acceleration.Jerk.Signal- mean-Y axis**](#time.domain.body.acceleration.jerk.signal--mean-y-axis) | numeric | 10299 | 0.00 % |  |
| [**Time.Domain.Body.Acceleration.Jerk.Signal- mean-Z axis**](#time.domain.body.acceleration.jerk.signal--mean-z-axis) | numeric | 10299 | 0.00 % |  |
| [**Time.Domain.Body.Acceleration.Jerk.Signal- std dev-X axis**](#time.domain.body.acceleration.jerk.signal--std-dev-x-axis) | numeric | 10290 | 0.00 % |  |
| [**Time.Domain.Body.Acceleration.Jerk.Signal- std dev-Y axis**](#time.domain.body.acceleration.jerk.signal--std-dev-y-axis) | numeric | 10296 | 0.00 % |  |
| [**Time.Domain.Body.Acceleration.Jerk.Signal- std dev-Z axis**](#time.domain.body.acceleration.jerk.signal--std-dev-z-axis) | numeric | 10293 | 0.00 % |  |
| [**Time.Domain.Body.Gyration.Signal- mean-X axis**](#time.domain.body.gyration.signal--mean-x-axis) | numeric | 10298 | 0.00 % |  |
| [**Time.Domain.Body.Gyration.Signal- mean-Y axis**](#time.domain.body.gyration.signal--mean-y-axis) | numeric | 10299 | 0.00 % |  |
| [**Time.Domain.Body.Gyration.Signal- mean-Z axis**](#time.domain.body.gyration.signal--mean-z-axis) | numeric | 10297 | 0.00 % |  |
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| [**Time.Domain.Body.Gyration.Jerk.Signal- mean-X axis**](#time.domain.body.gyration.jerk.signal--mean-x-axis) | numeric | 10295 | 0.00 % |  |
| [**Time.Domain.Body.Gyration.Jerk.Signal- mean-Y axis**](#time.domain.body.gyration.jerk.signal--mean-y-axis) | numeric | 10299 | 0.00 % |  |
| [**Time.Domain.Body.Gyration.Jerk.Signal- mean-Z axis**](#time.domain.body.gyration.jerk.signal--mean-z-axis) | numeric | 10298 | 0.00 % |  |
| [**Time.Domain.Body.Gyration.Jerk.Signal- std dev-X axis**](#time.domain.body.gyration.jerk.signal--std-dev-x-axis) | numeric | 10292 | 0.00 % |  |
| [**Time.Domain.Body.Gyration.Jerk.Signal- std dev-Y axis**](#time.domain.body.gyration.jerk.signal--std-dev-y-axis) | numeric | 10295 | 0.00 % |  |
| [**Time.Domain.Body.Gyration.Jerk.Signal- std dev-Z axis**](#time.domain.body.gyration.jerk.signal--std-dev-z-axis) | numeric | 10291 | 0.00 % |  |
| [**Time.Domain.Body.Acceleration.Signal.Magnitude- mean**](#time.domain.body.acceleration.signal.magnitude--mean) | numeric | 10296 | 0.00 % |  |
| [**Time.Domain.Body.Acceleration.Signal.Magnitude- std dev**](#time.domain.body.acceleration.signal.magnitude--std-dev) | numeric | 10294 | 0.00 % |  |
| [**Time.Domain.Gravity.Acceleration.Signal.Magnitude- mean**](#time.domain.gravity.acceleration.signal.magnitude--mean) | numeric | 10296 | 0.00 % |  |
| [**Time.Domain.Gravity.Acceleration.Signal.Magnitude- std dev**](#time.domain.gravity.acceleration.signal.magnitude--std-dev) | numeric | 10294 | 0.00 % |  |
| [**Time.Domain.Body.Acceleration.Jerk.Signal.Magnitude- mean**](#time.domain.body.acceleration.jerk.signal.magnitude--mean) | numeric | 10292 | 0.00 % |  |
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| [**Frequency.Domain.Body.Acceleration.Signal- mean-X axis**](#frequency.domain.body.acceleration.signal--mean-x-axis) | numeric | 10295 | 0.00 % |  |
| [**Frequency.Domain.Body.Acceleration.Signal- mean-Y axis**](#frequency.domain.body.acceleration.signal--mean-y-axis) | numeric | 10292 | 0.00 % |  |
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| [**Frequency.Domain.Body.Acceleration.Jerk.Signal- std dev-Z axis**](#frequency.domain.body.acceleration.jerk.signal--std-dev-z-axis) | numeric | 10290 | 0.00 % |  |
| [**Frequency.Domain.Body.Gyration.Signal- mean-X axis**](#frequency.domain.body.gyration.signal--mean-x-axis) | numeric | 10297 | 0.00 % |  |
| [**Frequency.Domain.Body.Gyration.Signal- mean-Y axis**](#frequency.domain.body.gyration.signal--mean-y-axis) | numeric | 10296 | 0.00 % |  |
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| [**Frequency.Domain.Body.Gyration.Jerk.Signal.Magnitude- std dev**](#frequency.domain.body.gyration.jerk.signal.magnitude--std-dev) | numeric | 10292 | 0.00 % |  |

# Variable list

## subject

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | integer |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 30 |
| Min. and max. | 1; 30 |

## activity

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | character |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 6 |

## Time.Domain.Body.Acceleration.Signal- mean-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10292 |
| Median | 0.28 |
| 1st and 3rd quartiles | 0.26; 0.29 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Acceleration.Signal- mean-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10299 |
| Median | -0.02 |
| 1st and 3rd quartiles | -0.02; -0.01 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Acceleration.Signal- mean-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10293 |
| Median | -0.11 |
| 1st and 3rd quartiles | -0.12; -0.1 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Acceleration.Signal- std dev-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10295 |
| Median | -0.94 |
| 1st and 3rd quartiles | -0.99; -0.25 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Acceleration.Signal- std dev-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10297 |
| Median | -0.84 |
| 1st and 3rd quartiles | -0.98; -0.06 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Acceleration.Signal- std dev-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10297 |
| Median | -0.85 |
| 1st and 3rd quartiles | -0.98; -0.28 |
| Min. and max. | -1; 1 |

## Time.Domain.Gravity.Acceleration.Signal- mean-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10296 |
| Median | 0.92 |
| 1st and 3rd quartiles | 0.81; 0.95 |
| Min. and max. | -1; 1 |

## Time.Domain.Gravity.Acceleration.Signal- mean-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10298 |
| Median | -0.14 |
| 1st and 3rd quartiles | -0.24; 0.12 |
| Min. and max. | -1; 1 |

## Time.Domain.Gravity.Acceleration.Signal- mean-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10299 |
| Median | 0.04 |
| 1st and 3rd quartiles | -0.12; 0.22 |
| Min. and max. | -1; 1 |

## Time.Domain.Gravity.Acceleration.Signal- std dev-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10288 |
| Median | -0.98 |
| 1st and 3rd quartiles | -0.99; -0.96 |
| Min. and max. | -1; 1 |

## Time.Domain.Gravity.Acceleration.Signal- std dev-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10293 |
| Median | -0.98 |
| 1st and 3rd quartiles | -0.99; -0.95 |
| Min. and max. | -1; 1 |

## Time.Domain.Gravity.Acceleration.Signal- std dev-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10296 |
| Median | -0.97 |
| 1st and 3rd quartiles | -0.99; -0.93 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Acceleration.Jerk.Signal- mean-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10299 |
| Median | 0.08 |
| 1st and 3rd quartiles | 0.06; 0.09 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Acceleration.Jerk.Signal- mean-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10299 |
| Median | 0.01 |
| 1st and 3rd quartiles | -0.02; 0.03 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Acceleration.Jerk.Signal- mean-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10299 |
| Median | 0 |
| 1st and 3rd quartiles | -0.03; 0.02 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Acceleration.Jerk.Signal- std dev-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10290 |
| Median | -0.95 |
| 1st and 3rd quartiles | -0.99; -0.29 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Acceleration.Jerk.Signal- std dev-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10296 |
| Median | -0.93 |
| 1st and 3rd quartiles | -0.99; -0.22 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Acceleration.Jerk.Signal- std dev-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10293 |
| Median | -0.95 |
| 1st and 3rd quartiles | -0.99; -0.55 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Gyration.Signal- mean-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10298 |
| Median | -0.03 |
| 1st and 3rd quartiles | -0.05; -0.01 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Gyration.Signal- mean-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10299 |
| Median | -0.07 |
| 1st and 3rd quartiles | -0.1; -0.05 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Gyration.Signal- mean-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10297 |
| Median | 0.09 |
| 1st and 3rd quartiles | 0.06; 0.11 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Gyration.Signal- std dev-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10292 |
| Median | -0.9 |
| 1st and 3rd quartiles | -0.99; -0.48 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Gyration.Signal- std dev-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10296 |
| Median | -0.91 |
| 1st and 3rd quartiles | -0.98; -0.45 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Gyration.Signal- std dev-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10296 |
| Median | -0.88 |
| 1st and 3rd quartiles | -0.99; -0.34 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Gyration.Jerk.Signal- mean-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10295 |
| Median | -0.1 |
| 1st and 3rd quartiles | -0.12; -0.08 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Gyration.Jerk.Signal- mean-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10299 |
| Median | -0.04 |
| 1st and 3rd quartiles | -0.06; -0.03 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Gyration.Jerk.Signal- mean-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10298 |
| Median | -0.05 |
| 1st and 3rd quartiles | -0.08; -0.03 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Gyration.Jerk.Signal- std dev-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10292 |
| Median | -0.93 |
| 1st and 3rd quartiles | -0.99; -0.49 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Gyration.Jerk.Signal- std dev-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10295 |
| Median | -0.95 |
| 1st and 3rd quartiles | -0.99; -0.63 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Gyration.Jerk.Signal- std dev-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10291 |
| Median | -0.95 |
| 1st and 3rd quartiles | -0.99; -0.51 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Acceleration.Signal.Magnitude- mean

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10296 |
| Median | -0.87 |
| 1st and 3rd quartiles | -0.98; -0.12 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Acceleration.Signal.Magnitude- std dev

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10294 |
| Median | -0.84 |
| 1st and 3rd quartiles | -0.98; -0.24 |
| Min. and max. | -1; 1 |

## Time.Domain.Gravity.Acceleration.Signal.Magnitude- mean

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10296 |
| Median | -0.87 |
| 1st and 3rd quartiles | -0.98; -0.12 |
| Min. and max. | -1; 1 |

## Time.Domain.Gravity.Acceleration.Signal.Magnitude- std dev

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10294 |
| Median | -0.84 |
| 1st and 3rd quartiles | -0.98; -0.24 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Acceleration.Jerk.Signal.Magnitude- mean

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10292 |
| Median | -0.95 |
| 1st and 3rd quartiles | -0.99; -0.3 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Acceleration.Jerk.Signal.Magnitude- std dev

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10294 |
| Median | -0.93 |
| 1st and 3rd quartiles | -0.99; -0.27 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Gyration.Magnitude- mean

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10298 |
| Median | -0.82 |
| 1st and 3rd quartiles | -0.98; -0.25 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Gyration.Magnitude- std dev

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10298 |
| Median | -0.83 |
| 1st and 3rd quartiles | -0.98; -0.39 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Gyration.Jerk.Signal.Magnitude- mean

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10293 |
| Median | -0.96 |
| 1st and 3rd quartiles | -0.99; -0.55 |
| Min. and max. | -1; 1 |

## Time.Domain.Body.Gyration.Jerk.Signal.Magnitude- std dev

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10297 |
| Median | -0.94 |
| 1st and 3rd quartiles | -0.99; -0.61 |
| Min. and max. | -1; 1 |

## Frequency.Domain.Body.Acceleration.Signal- mean-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10295 |
| Median | -0.95 |
| 1st and 3rd quartiles | -0.99; -0.26 |
| Min. and max. | -1; 1 |

## Frequency.Domain.Body.Acceleration.Signal- mean-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10292 |
| Median | -0.86 |
| 1st and 3rd quartiles | -0.98; -0.1 |
| Min. and max. | -1; 1 |

## Frequency.Domain.Body.Acceleration.Signal- mean-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10295 |
| Median | -0.9 |
| 1st and 3rd quartiles | -0.98; -0.37 |
| Min. and max. | -1; 1 |

## Frequency.Domain.Body.Acceleration.Signal- std dev-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10294 |
| Median | -0.94 |
| 1st and 3rd quartiles | -0.99; -0.25 |
| Min. and max. | -1; 1 |

## Frequency.Domain.Body.Acceleration.Signal- std dev-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10297 |
| Median | -0.83 |
| 1st and 3rd quartiles | -0.98; -0.09 |
| Min. and max. | -1; 1 |

## Frequency.Domain.Body.Acceleration.Signal- std dev-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10296 |
| Median | -0.84 |
| 1st and 3rd quartiles | -0.98; -0.3 |
| Min. and max. | -1; 1 |

## Frequency.Domain.Body.Acceleration.Jerk.Signal- mean-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10293 |
| Median | -0.95 |
| 1st and 3rd quartiles | -0.99; -0.33 |
| Min. and max. | -1; 1 |

## Frequency.Domain.Body.Acceleration.Jerk.Signal- mean-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10296 |
| Median | -0.93 |
| 1st and 3rd quartiles | -0.98; -0.26 |
| Min. and max. | -1; 1 |

## Frequency.Domain.Body.Acceleration.Jerk.Signal- mean-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10294 |
| Median | -0.95 |
| 1st and 3rd quartiles | -0.99; -0.51 |
| Min. and max. | -1; 1 |

## Frequency.Domain.Body.Acceleration.Jerk.Signal- std dev-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10291 |
| Median | -0.96 |
| 1st and 3rd quartiles | -0.99; -0.32 |
| Min. and max. | -1; 1 |

## Frequency.Domain.Body.Acceleration.Jerk.Signal- std dev-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10294 |
| Median | -0.93 |
| 1st and 3rd quartiles | -0.99; -0.24 |
| Min. and max. | -1; 1 |

## Frequency.Domain.Body.Acceleration.Jerk.Signal- std dev-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10290 |
| Median | -0.96 |
| 1st and 3rd quartiles | -0.99; -0.59 |
| Min. and max. | -1; 1 |

## Frequency.Domain.Body.Gyration.Signal- mean-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10297 |
| Median | -0.89 |
| 1st and 3rd quartiles | -0.99; -0.38 |
| Min. and max. | -1; 1 |

## Frequency.Domain.Body.Gyration.Signal- mean-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10296 |
| Median | -0.92 |
| 1st and 3rd quartiles | -0.98; -0.47 |
| Min. and max. | -1; 1 |

## Frequency.Domain.Body.Gyration.Signal- mean-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10297 |
| Median | -0.89 |
| 1st and 3rd quartiles | -0.99; -0.32 |
| Min. and max. | -1; 1 |

## Frequency.Domain.Body.Gyration.Signal- std dev-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10297 |
| Median | -0.91 |
| 1st and 3rd quartiles | -0.99; -0.52 |
| Min. and max. | -1; 1 |

## Frequency.Domain.Body.Gyration.Signal- std dev-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10293 |
| Median | -0.91 |
| 1st and 3rd quartiles | -0.98; -0.44 |
| Min. and max. | -1; 1 |

## Frequency.Domain.Body.Gyration.Signal- std dev-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10295 |
| Median | -0.89 |
| 1st and 3rd quartiles | -0.99; -0.42 |
| Min. and max. | -1; 1 |

## Frequency.Domain.Body.Acceleration.Signal.Magnitude- mean

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10296 |
| Median | -0.88 |
| 1st and 3rd quartiles | -0.98; -0.22 |
| Min. and max. | -1; 1 |

## Frequency.Domain.Body.Acceleration.Signal.Magnitude- std dev

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10298 |
| Median | -0.85 |
| 1st and 3rd quartiles | -0.98; -0.38 |
| Min. and max. | -1; 1 |

## Frequency.Domain.Body.Acceleration.Jerk.Signal.Magnitude- mean

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10290 |
| Median | -0.93 |
| 1st and 3rd quartiles | -0.99; -0.26 |
| Min. and max. | -1; 1 |

## Frequency.Domain.Body.Acceleration.Jerk.Signal.Magnitude- std dev

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10296 |
| Median | -0.93 |
| 1st and 3rd quartiles | -0.99; -0.31 |
| Min. and max. | -1; 1 |

## Frequency.Domain.Body.Gyration.Magnitude- mean

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10297 |
| Median | -0.88 |
| 1st and 3rd quartiles | -0.98; -0.45 |
| Min. and max. | -1; 1 |

## Frequency.Domain.Body.Gyration.Magnitude- std dev

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10296 |
| Median | -0.83 |
| 1st and 3rd quartiles | -0.98; -0.47 |
| Min. and max. | -1; 1 |

## Frequency.Domain.Body.Gyration.Jerk.Signal.Magnitude- mean

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10293 |
| Median | -0.95 |
| 1st and 3rd quartiles | -0.99; -0.61 |
| Min. and max. | -1; 1 |

## Frequency.Domain.Body.Gyration.Jerk.Signal.Magnitude- std dev

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 10292 |
| Median | -0.94 |
| 1st and 3rd quartiles | -0.99; -0.64 |
| Min. and max. | -1; 1 |

Report generation information:

* Created by Megan Brennan (username: megan).
* Report creation time: Thu Jul 12 2018 14:29:37
* Report Was run from directory: C:/Users/megan/Documents/dataRStudio
* dataMaid v1.1.2 [Pkg: 2018-05-03 from CRAN (R 3.5.1)]
* R version 3.5.0 (2018-04-23).
* Platform: x86\_64-w64-mingw32/x64 (64-bit)(Windows >= 8 x64 (build 9200)).
* Function call: makeDataReport(data = merge\_test\_train\_mean\_std, mode = "summarize", file = "codebook\_merge\_test\_train\_mean\_std.Rmd", checks = list( list("showAllFactorLevels")), listChecks = FALSE, maxProbVals = FALSE, codebook = TRUE, reportTitle = "Codebook for merge\_test\_train\_mean\_std")