

Codebook for avg_by_activity_and_subject

Autogenerated data summary from dataMaid

2022-10-17 18:32:09

Data report overview

The dataset examined has the following dimensions:

| Feature | Result |
|------------------------|--------|
| Number of observations | 180 |
| Number of variables | 82 |

Codebook summary table

| Label | Variable | Class | # unique values | Missing | Description |
|-------|----------------------------|-----------|-----------------|---------|-------------|
| | activity_label | character | 6 | 0.00 % | |
| | subject_id | integer | 30 | 0.00 % | |
| | activity_id | numeric | 6 | 0.00 % | |
| | avg_tBodyAcc-mean()-X | numeric | 180 | 0.00 % | |
| | avg_tBodyAcc-mean()-Y | numeric | 180 | 0.00 % | |
| | avg_tBodyAcc-mean()-Z | numeric | 180 | 0.00 % | |
| | avg_tBodyAcc-std()-X | numeric | 180 | 0.00 % | |
| | avg_tBodyAcc-std()-Y | numeric | 180 | 0.00 % | |
| | avg_tBodyAcc-std()-Z | numeric | 180 | 0.00 % | |
| | avg_tGravityAcc-mean()-X | numeric | 180 | 0.00 % | |
| | avg_tGravityAcc-mean()-Y | numeric | 180 | 0.00 % | |
| | avg_tGravityAcc-mean()-Z | numeric | 180 | 0.00 % | |
| | avg_tGravityAcc-std()-X | numeric | 180 | 0.00 % | |
| | avg_tGravityAcc-std()-Y | numeric | 180 | 0.00 % | |
| | avg_tGravityAcc-std()-Z | numeric | 180 | 0.00 % | |
| | avg_tBodyAccJerk-mean()-X | numeric | 180 | 0.00 % | |
| | avg_tBodyAccJerk-mean()-Y | numeric | 180 | 0.00 % | |
| | avg_tBodyAccJerk-mean()-Z | numeric | 180 | 0.00 % | |
| | avg_tBodyAccJerk-std()-X | numeric | 180 | 0.00 % | |
| | avg_tBodyAccJerk-std()-Y | numeric | 180 | 0.00 % | |
| | avg_tBodyAccJerk-std()-Z | numeric | 180 | 0.00 % | |
| | avg_tBodyGyro-mean()-X | numeric | 180 | 0.00 % | |
| | avg_tBodyGyro-mean()-Y | numeric | 180 | 0.00 % | |
| | avg_tBodyGyro-mean()-Z | numeric | 180 | 0.00 % | |
| | avg_tBodyGyro-std()-X | numeric | 180 | 0.00 % | |
| | avg_tBodyGyro-std()-Y | numeric | 180 | 0.00 % | |
| | avg_tBodyGyro-std()-Z | numeric | 180 | 0.00 % | |
| | avg_tBodyGyroJerk-mean()-X | numeric | 180 | 0.00 % | |
| | avg_tBodyGyroJerk-mean()-Y | numeric | 180 | 0.00 % | |
| | avg_tBodyGyroJerk-mean()-Z | numeric | 180 | 0.00 % | |

| Label | Variable | Class | # unique values | Missing | Description |
|-------|-------------------------------------|---------|-----------------|---------|-------------|
| | avg_tBodyGyroJerk-std()-X | numeric | 180 | 0.00 % | |
| | avg_tBodyGyroJerk-std()-Y | numeric | 180 | 0.00 % | |
| | avg_tBodyGyroJerk-std()-Z | numeric | 180 | 0.00 % | |
| | avg_tBodyAccMag-mean() | numeric | 180 | 0.00 % | |
| | avg_tBodyAccMag-std() | numeric | 180 | 0.00 % | |
| | avg_tGravityAccMag-mean() | numeric | 180 | 0.00 % | |
| | avg_tGravityAccMag-std() | numeric | 180 | 0.00 % | |
| | avg_tBodyAccJerkMag-mean() | numeric | 180 | 0.00 % | |
| | avg_tBodyAccJerkMag-std() | numeric | 180 | 0.00 % | |
| | avg_tBodyGyroMag-mean() | numeric | 180 | 0.00 % | |
| | avg_tBodyGyroMag-std() | numeric | 180 | 0.00 % | |
| | avg_tBodyGyroJerkMag-mean() | numeric | 180 | 0.00 % | |
| | avg_tBodyGyroJerkMag-std() | numeric | 180 | 0.00 % | |
| | avg_fBodyAcc-mean()-X | numeric | 180 | 0.00 % | |
| | avg_fBodyAcc-mean()-Y | numeric | 180 | 0.00 % | |
| | avg_fBodyAcc-mean()-Z | numeric | 180 | 0.00 % | |
| | avg_fBodyAcc-std()-X | numeric | 180 | 0.00 % | |
| | avg_fBodyAcc-std()-Y | numeric | 180 | 0.00 % | |
| | avg_fBodyAcc-std()-Z | numeric | 180 | 0.00 % | |
| | avg_fBodyAcc-meanFreq()-X | numeric | 180 | 0.00 % | |
| | avg_fBodyAcc-meanFreq()-Y | numeric | 180 | 0.00 % | |
| | avg_fBodyAcc-meanFreq()-Z | numeric | 180 | 0.00 % | |
| | avg_fBodyAccJerk-mean()-X | numeric | 180 | 0.00 % | |
| | avg_fBodyAccJerk-mean()-Y | numeric | 180 | 0.00 % | |
| | avg_fBodyAccJerk-mean()-Z | numeric | 180 | 0.00 % | |
| | avg_fBodyAccJerk-std()-X | numeric | 180 | 0.00 % | |
| | avg_fBodyAccJerk-std()-Y | numeric | 180 | 0.00 % | |
| | avg_fBodyAccJerk-std()-Z | numeric | 180 | 0.00 % | |
| | avg_fBodyAccJerk-meanFreq()-X | numeric | 180 | 0.00 % | |
| | avg_fBodyAccJerk-meanFreq()-Y | numeric | 180 | 0.00 % | |
| | avg_fBodyAccJerk-meanFreq()-Z | numeric | 180 | 0.00 % | |
| | avg_fBodyGyro-mean()-X | numeric | 180 | 0.00 % | |
| | avg_fBodyGyro-mean()-Y | numeric | 180 | 0.00 % | |
| | avg_fBodyGyro-mean()-Z | numeric | 180 | 0.00 % | |
| | avg_fBodyGyro-std()-X | numeric | 180 | 0.00 % | |
| | avg_fBodyGyro-std()-Y | numeric | 180 | 0.00 % | |
| | avg_fBodyGyro-std()-Z | numeric | 180 | 0.00 % | |
| | avg_fBodyGyro-meanFreq()-X | numeric | 180 | 0.00 % | |
| | avg_fBodyGyro-meanFreq()-Y | numeric | 180 | 0.00 % | |
| | avg_fBodyGyro-meanFreq()-Z | numeric | 180 | 0.00 % | |
| | avg_fBodyAccMag-mean() | numeric | 180 | 0.00 % | |
| | avg_fBodyAccMag-std() | numeric | 180 | 0.00 % | |
| | avg_fBodyAccMag-meanFreq() | numeric | 180 | 0.00 % | |
| | avg_fBodyBodyAccJerkMag-mean() | numeric | 180 | 0.00 % | |
| | avg_fBodyBodyAccJerkMag-std() | numeric | 180 | 0.00 % | |
| | avg_fBodyBodyAccJerkMag-meanFreq() | numeric | 180 | 0.00 % | |
| | avg_fBodyBodyGyroMag-mean() | numeric | 180 | 0.00 % | |
| | avg_fBodyBodyGyroMag-std() | numeric | 180 | 0.00 % | |
| | avg_fBodyBodyGyroMag-meanFreq() | numeric | 180 | 0.00 % | |
| | avg_fBodyBodyGyroJerkMag-mean() | numeric | 180 | 0.00 % | |
| | avg_fBodyBodyGyroJerkMag-std() | numeric | 180 | 0.00 % | |
| | avg_fBodyBodyGyroJerkMag-meanFreq() | numeric | 180 | 0.00 % | |

Variable list

activity_label

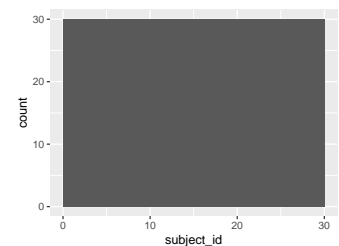
| Feature | Result |
|-------------------------|-----------|
| Variable type | character |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 6 |
| Mode | "LAYING" |



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

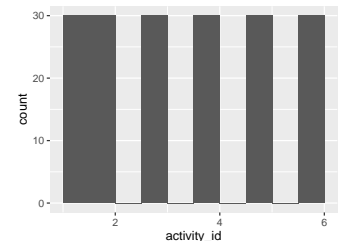
subject_id

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



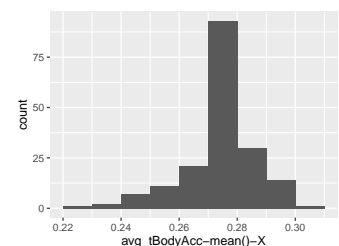
activity_id

| Feature | Result |
|-------------------------|---------|
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 6 |
| Median | 3.5 |
| 1st and 3rd quartiles | 2; 5 |
| Min. and max. | 1; 6 |



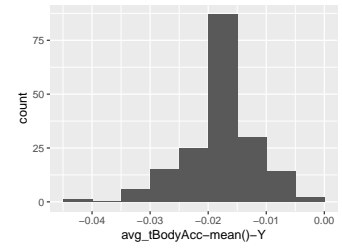
avg_tBodyAcc-mean()-X

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



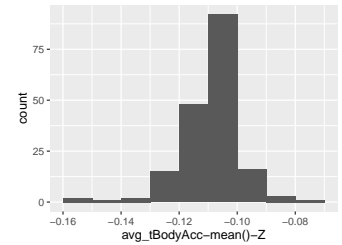
avg_tBodyAcc-mean()-Y

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



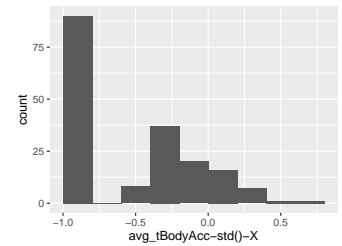
avg_tBodyAcc-mean()-Z

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



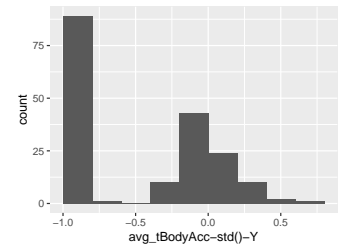
avg_tBodyAcc-std()-X

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



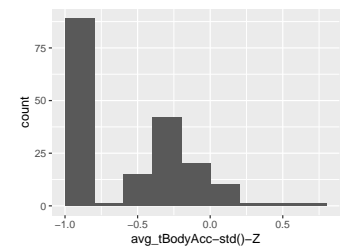
avg_tBodyAcc-std()-Y

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



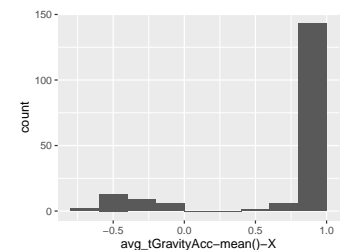
avg_tBodyAcc-std()-Z

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



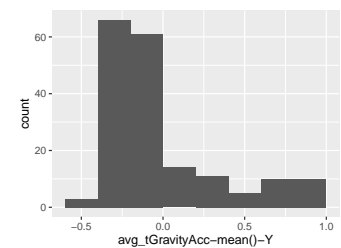
avg_tGravityAcc-mean()-X

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



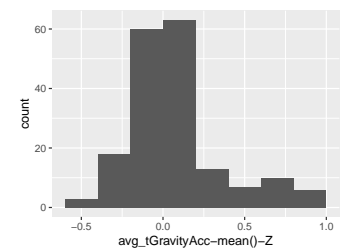
avg_tGravityAcc-mean()-Y

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



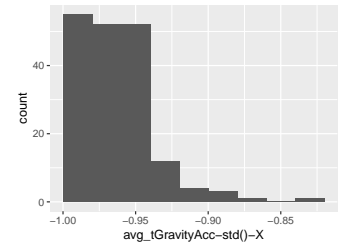
avg_tGravityAcc-mean()-Z

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



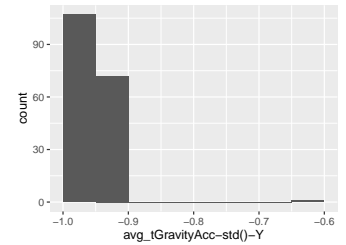
avg_tGravityAcc-std()-X

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



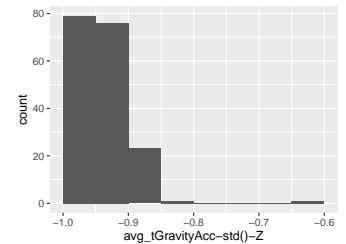
avg_tGravityAcc-std()-Y

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



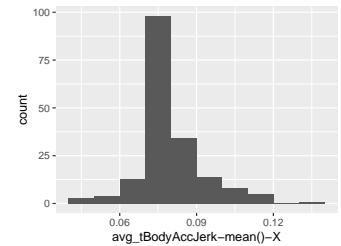
avg_tGravityAcc-std()-Z

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



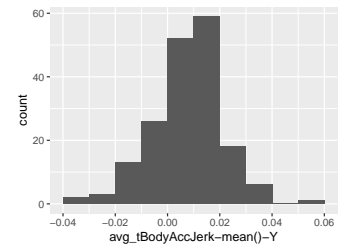
avg_tBodyAccJerk-mean()-X

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



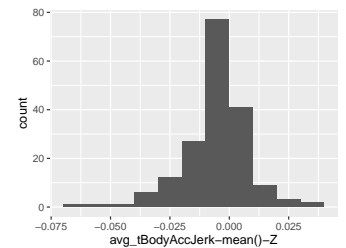
avg_tBodyAccJerk-mean()-Y

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



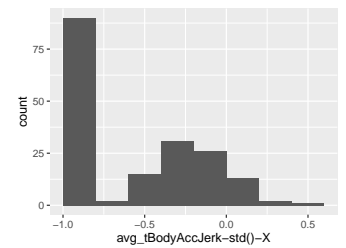
avg_tBodyAccJerk-mean()-Z

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



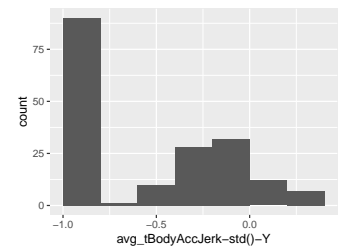
avg_tBodyAccJerk-std()-X

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



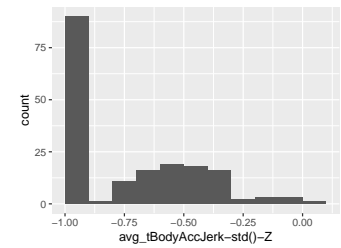
avg_tBodyAccJerk-std()-Y

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



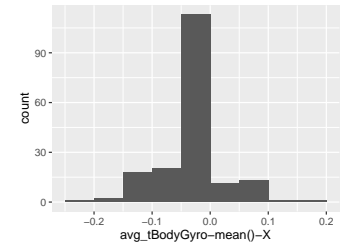
avg_tBodyAccJerk-std()-Z

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



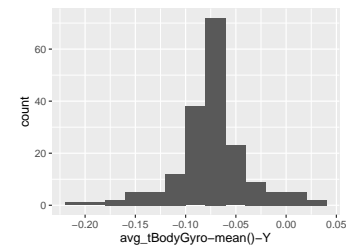
avg_tBodyGyro-mean()-X

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



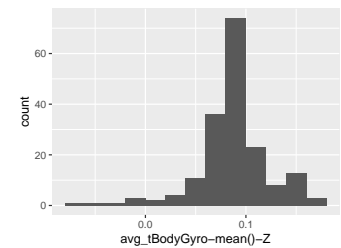
avg_tBodyGyro-mean()-Y

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



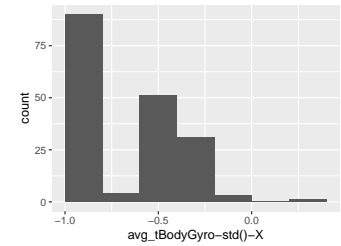
avg_tBodyGyro-mean()-Z

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



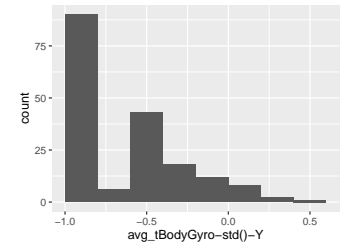
avg_tBodyGyro-std()-X

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



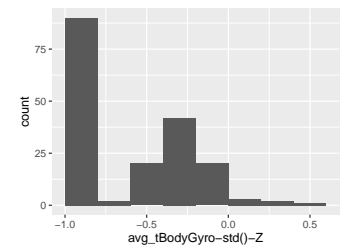
avg_tBodyGyro-std()-Y

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



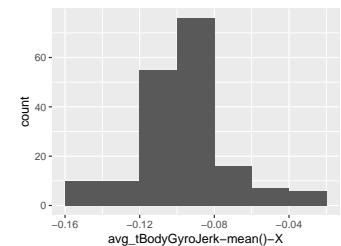
avg_tBodyGyro-std()-Z

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



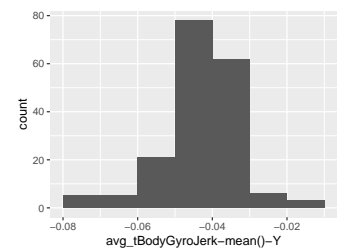
avg_tBodyGyroJerk-mean()-X

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



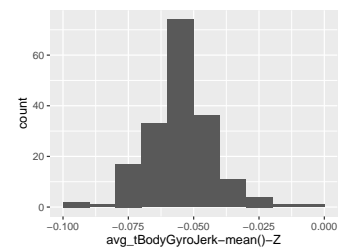
avg_tBodyGyroJerk-mean()-Y

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



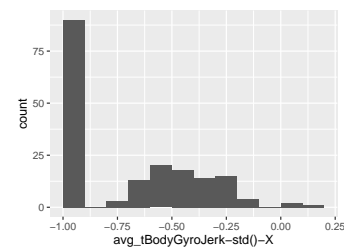
avg_tBodyGyroJerk-mean()-Z

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



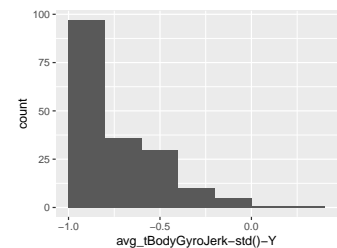
avg_tBodyGyroJerk-std()-X

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



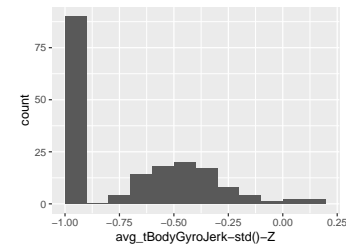
avg_tBodyGyroJerk-std()-Y

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



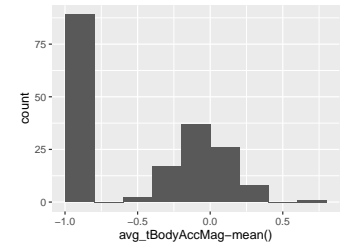
avg_tBodyGyroJerk-std()-Z

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



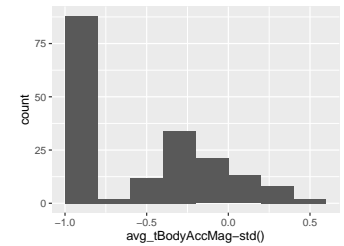
avg_tBodyAccMag-mean()

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



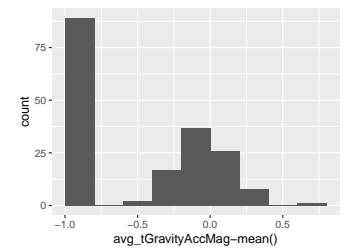
avg_tBodyAccMag-std()

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



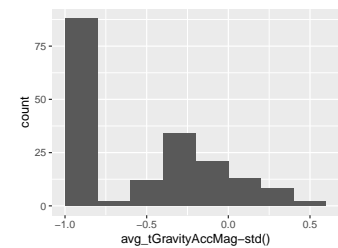
avg_tGravityAccMag-mean()

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



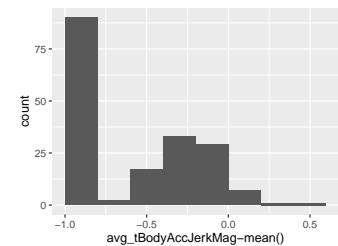
avg_tGravityAccMag-std()

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



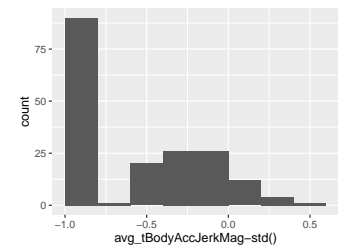
avg_tBodyAccJerkMag-mean()

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



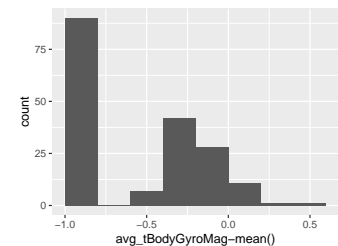
avg_tBodyAccJerkMag-std()

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



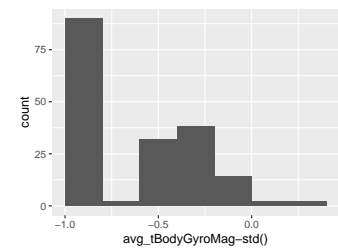
avg_tBodyGyroMag-mean()

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



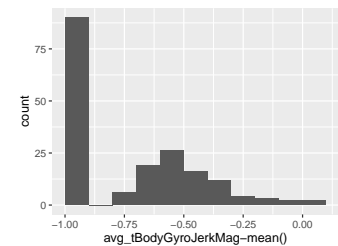
avg_tBodyGyroMag-std()

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



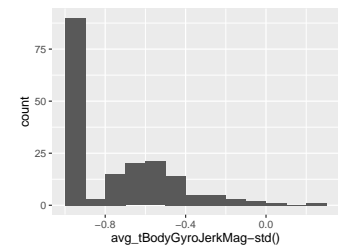
avg_tBodyGyroJerkMag-mean()

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



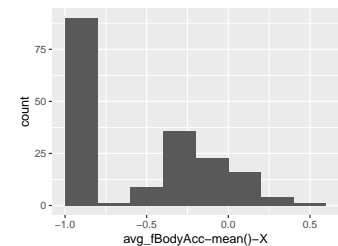
avg_tBodyGyroJerkMag-std()

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



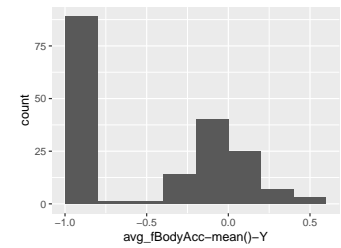
avg_fBodyAcc-mean()-X

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



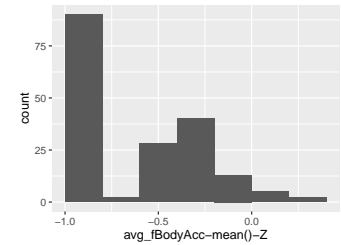
avg_fBodyAcc-mean()-Y

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



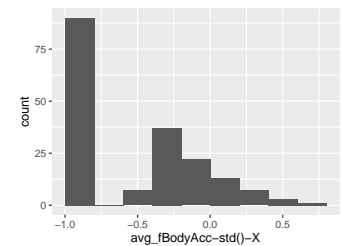
avg_fBodyAcc-mean()-Z

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



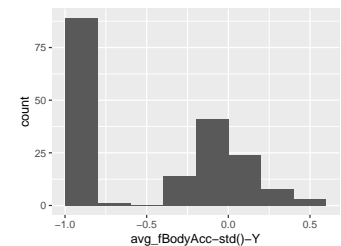
avg_fBodyAcc-std()-X

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



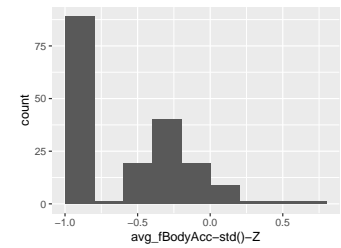
avg_fBodyAcc-std()-Y

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



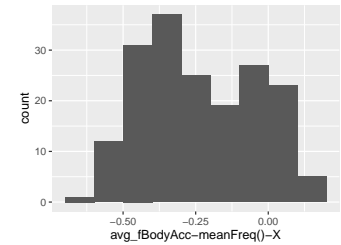
avg_fBodyAcc-std()-Z

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



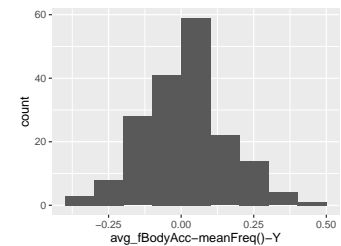
avg_fBodyAcc-meanFreq()-X

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



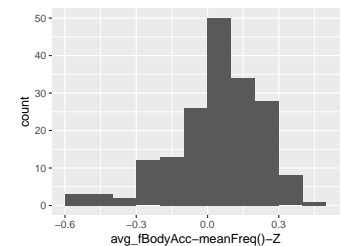
avg_fBodyAcc-meanFreq()-Y

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



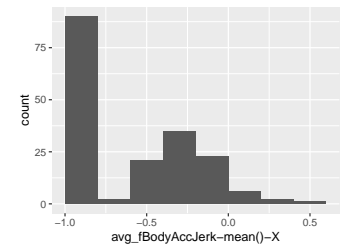
avg_fBodyAcc-meanFreq()-Z

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



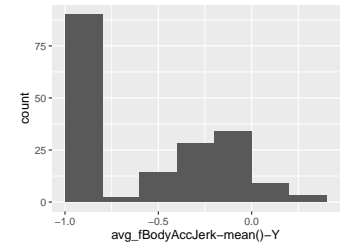
avg_fBodyAccJerk-mean()-X

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



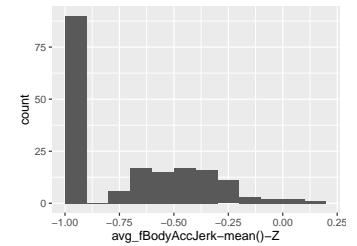
avg_fBodyAccJerk-mean()-Y

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



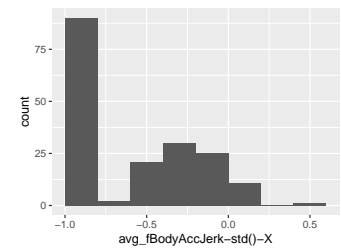
avg_fBodyAccJerk-mean()-Z

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



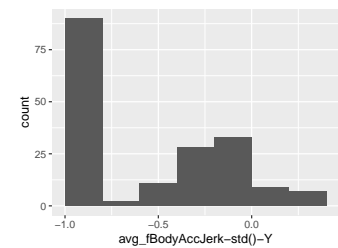
avg_fBodyAccJerk-std()-X

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



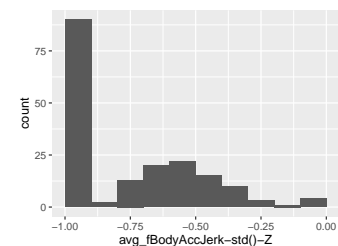
avg_fBodyAccJerk-std()-Y

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



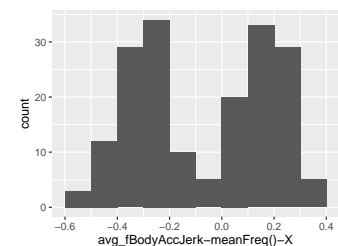
avg_fBodyAccJerk-std()-Z

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



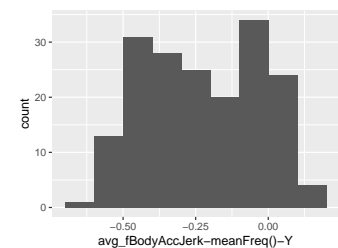
avg_fBodyAccJerk-meanFreq()-X

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



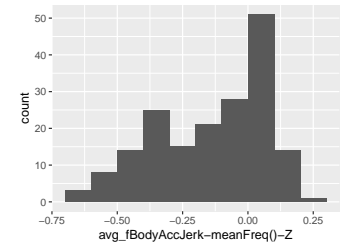
avg_fBodyAccJerk-meanFreq()-Y

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



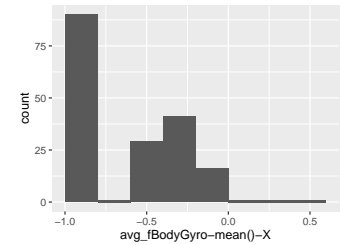
avg_fBodyAccJerk-meanFreq()-Z

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



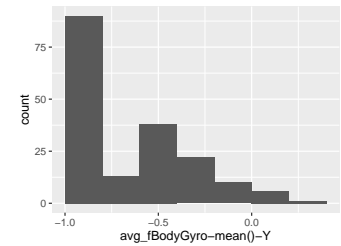
avg_fBodyGyro-mean()-X

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



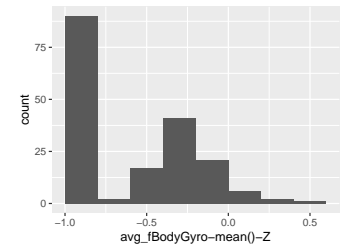
avg_fBodyGyro-mean()-Y

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



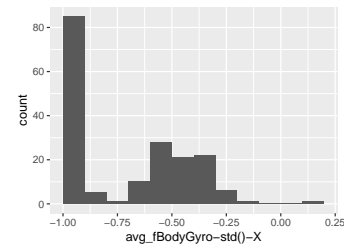
avg_fBodyGyro-mean()-Z

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



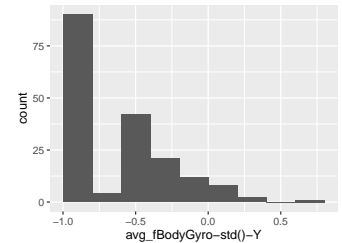
avg_fBodyGyro-std()-X

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



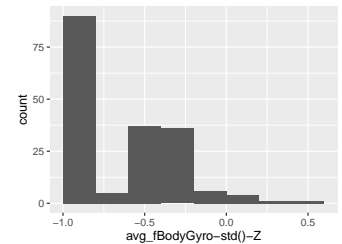
avg_fBodyGyro-std()-Y

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



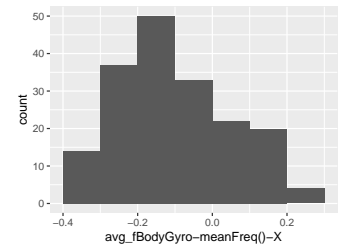
avg_fBodyGyro-std()-Z

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



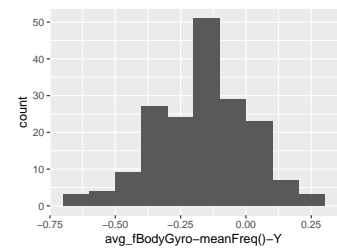
avg_fBodyGyro-meanFreq()-X

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



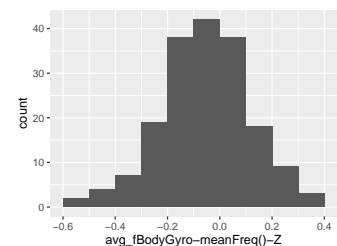
avg_fBodyGyro-meanFreq()-Y

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



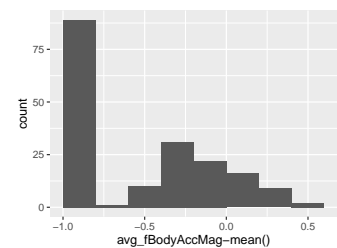
avg_fBodyGyro-meanFreq()-Z

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



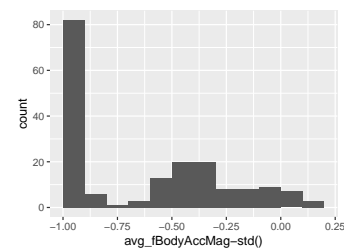
avg_fBodyAccMag-mean()

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



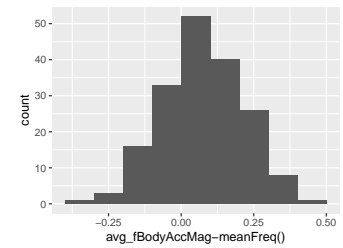
avg_fBodyAccMag-std()

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



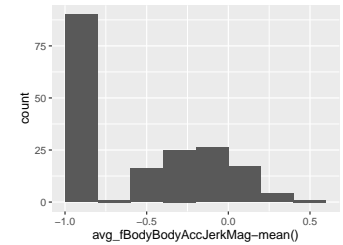
avg_fBodyAccMag-meanFreq()

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



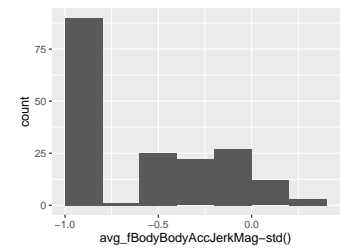
avg_fBodyBodyAccJerkMag-mean()

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



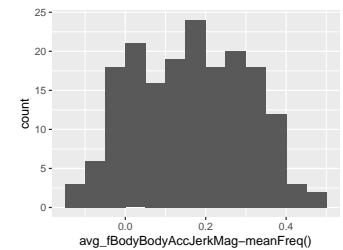
avg_fBodyBodyAccJerkMag-std()

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



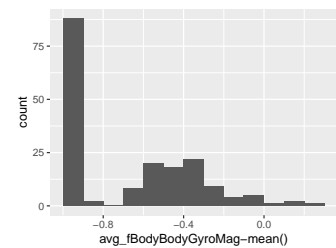
avg_fBodyBodyAccJerkMag-meanFreq()

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



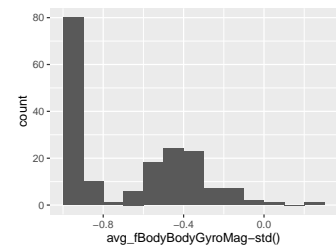
avg_fBodyBodyGyroMag-mean()

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



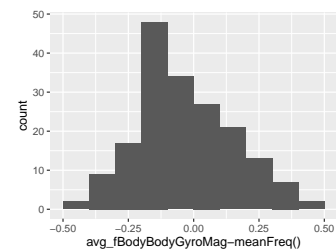
avg_fBodyBodyGyroMag-std()

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



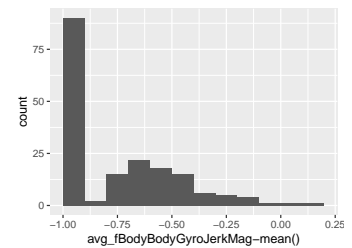
avg_fBodyBodyGyroMag-meanFreq()

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



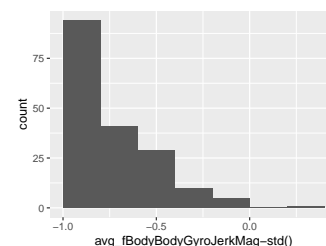
avg_fBodyBodyGyroJerkMag-mean()

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



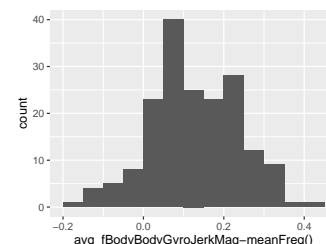
avg_fBodyBodyGyroJerkMag-std()

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



avg_fBodyBodyGyroJerkMag-meanFreq()

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



Report generation information:

- Created by: Mohamed Hossam (username: Mohamed-Hossam).
- Report creation time: Mon Oct 17 2022 18:32:11
- Report was run from directory: M:/Computer Science/R_programming/Coursera/Data science specialization by John Hopkins university/Getting & cleaning data course/Course project
- dataMaid v1.4.1 [Pkg: 2021-10-08 from CRAN (R 4.2.1)]
- R version 4.2.1 (2022-06-23 ucrt).
- Platform: x86_64-w64-mingw32/x64 (64-bit)(Windows 10 x64 (build 22000)).
- Function call:

```
dataMaid::makeDataReport(data = avg_by_activity_and_subject, mode = c("summarize", "visualize", "check"), smartNum = FALSE, file = "codebook_avg_by_activity_and_subj", checks = list(character = "showAllFactorLevels", factor = "showAllFactorLevels", labelled = "showAllFactorLevels", haven_labelled = "showAllFactorLevels", numeric = NULL, integer = NULL, logical = NULL, Date = NULL), listChecks = FALSE, maxProbVals = Inf, codebook = TRUE, reportTitle = "Codebook for avg_by_activity_and_subject")
```