Data Dictionary (tidydata.sub.mean)

89 Variables   180 Observations

X (Row Number)

	n	missing	unique	Mean	.05	.10	.25	.50	.75	.90	.95
	180	0	180	90.5	9.95	18.90	45.75	90.50	135.25	162.10	171.05

lowest :   1   2   3   4   5, highest: 176 177 178 179 180
----
subject

	n	missing	unique	Mean	.05	.10	.25	.50	.75	.90	.95
	180	0	30	15.5	2.0	3.9	8.0	15.5	23.0	27.1	29.0

lowest : 1 2 3 4 5, highest: 26 27 28 29 30
----
activity

	n	missing	unique
	180	0	6

LAYING (30, 17%), SITTING (30, 17%), STANDING (30, 17%), WALKING (30, 17%)
WALKING_DOWNSTAIRS (30, 17%), WALKING_UPSTAIRS (30, 17%)
----
tBodyAccmeanX

	n	missing	unique	Mean	.05	.10	.25	.50	.75	.90	.95
	180	0	180	0.2743	0.2499	0.2582	0.2712	0.2770	0.2800	0.2887	0.2934

lowest : 0.2216 0.2333 0.2395 0.2421 0.2472, highest: 0.2956 0.2959 0.2961 0.2975 0.3015
----
tBodyAccmeanY

	n	missing	unique	Mean	.05	.10	.25	.50	.75	.90
	180	0	180	-0.01788	-0.028267	-0.026875	-0.020022	-0.017262	-0.014936	-0.011234

.95
-0.008478

```
lowest : -0.040514 -0.032527 -0.032411 -0.032384 -0.031980
highest: -0.006726 -0.005877 -0.005630 -0.003503 -0.001308
-------------------------------------------------------------------------------
tBodyAccmeanZ
       n  missing   unique      Mean        .05        .10        .25        .50        .75        .90        .95
     180        0      180   -0.1092   -0.12523   -0.12131   -0.11207   -0.10819   -0.10443   -0.09975   -0.09723

lowest : -0.15251 -0.15105 -0.14377 -0.13370 -0.13312
highest: -0.09103 -0.08924 -0.08914 -0.08683 -0.07538
-------------------------------------------------------------------------------
tGravityAccmeanX
       n missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
     180       0      180   0.6975   -0.4726   -0.3480    0.8376    0.9208    0.9425    0.9581    0.9652

lowest : -0.6800 -0.6213 -0.5803 -0.5304 -0.5098, highest:  0.9669  0.9686  0.9691  0.9726  0.9745
-------------------------------------------------------------------------------
tGravityAccmeanY
       n  missing   unique      Mean        .05        .10        .25        .50        .75        .90        .95
     180        0      180   -0.01621   -0.35671   -0.32299   -0.23319   -0.12782    0.08773    0.63488    0.80303

lowest : -0.4799 -0.4323 -0.4162 -0.3871 -0.3829, highest:  0.8992  0.9152  0.9430  0.9549  0.9566
-------------------------------------------------------------------------------
tGravityAccmeanZ
       n  missing   unique      Mean        .05        .10        .25        .50        .75        .90        .95
     180        0      180   0.07413   -0.29482   -0.20865   -0.11726    0.02384    0.14946    0.53276    0.71997

lowest : -0.4951 -0.4225 -0.4036 -0.3926 -0.3791, highest:  0.8454  0.8939  0.9075  0.9188  0.9579
-------------------------------------------------------------------------------
tBodyAccJerkmeanX
       n missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
     180       0      180   0.07947   0.06275   0.06948   0.07396   0.07640   0.08330   0.09692   0.10370

lowest : 0.04269 0.04286 0.04576 0.05416 0.05610, highest: 0.11066 0.11147 0.11825 0.11894 0.13019
-------------------------------------------------------------------------------
tBodyAccJerkmeanY
         n      missing       unique        Mean          .05          .10          .25          .50          .75
       180            0          180    0.007565   -0.0163276   -0.0098247    0.0004664    0.0094698    0.0134008
        .90          .95
```

```
   0.0227168  0.0284955


lowest : -0.03869 -0.03802 -0.02140 -0.02106 -0.02069
highest:  0.03671  0.03750  0.03972  0.03999  0.05682
-------------------------------------------------------------------------------
tBodyAccJerkmeanZ
        n   missing    unique      Mean       .05       .10       .25       .50       .75       .90
      180         0       180 -0.004953 -0.029383 -0.021055 -0.010601 -0.003861  0.001958  0.007939
      .95
 0.015935


lowest : -0.06746 -0.05134 -0.04556 -0.03944 -0.03601
highest:  0.02082  0.02134  0.02438  0.03167  0.03805
-------------------------------------------------------------------------------
tBodyGyromeanX
        n   missing    unique      Mean       .05       .10       .25       .50       .75       .90       .95
      180         0       180  -0.03244  -0.12654  -0.10546  -0.04712  -0.02871  -0.01676   0.02504   0.07186


lowest : -0.20578 -0.16397 -0.15983 -0.14110 -0.13878
highest:  0.09033  0.09320  0.09579  0.13498  0.19270
-------------------------------------------------------------------------------
tBodyGyromeanY
        n   missing    unique      Mean       .05       .10       .25       .50       .75       .90       .95
      180         0       180  -0.07426  -0.13993  -0.11159  -0.08955  -0.07318  -0.06113  -0.03440  -0.01348


lowest : -0.204205 -0.181458 -0.174651 -0.166170 -0.158903
highest:  0.007106  0.013902  0.016215  0.021225  0.027471
-------------------------------------------------------------------------------
tBodyGyromeanZ
       n missing  unique      Mean      .05      .10      .25      .50      .75      .90      .95
     180       0      180   0.08744  0.02467  0.05738  0.07475  0.08512  0.10177  0.13868  0.14871


lowest : -0.072455 -0.044138 -0.032556 -0.007793 -0.005468
highest:  0.155920  0.159894  0.163963  0.169720  0.179102
-------------------------------------------------------------------------------
tBodyGyroJerkmeanX
        n   missing    unique      Mean       .05       .10       .25       .50       .75       .90       .95
      180         0       180  -0.09606  -0.14100  -0.12280  -0.10322  -0.09868  -0.09110  -0.06470  -0.05142
```

```
lowest : -0.15721 -0.15545 -0.14845 -0.14839 -0.14680
highest: -0.03374 -0.02665 -0.02647 -0.02565 -0.02209
------------------------------------------------------------------------------
tBodyGyroJerkmeanY
         n  missing   unique      Mean       .05       .10       .25       .50       .75       .90       .95
       180        0      180  -0.04269  -0.06096  -0.05282  -0.04552  -0.04112  -0.03842  -0.03463  -0.03025

lowest : -0.07681 -0.07406 -0.07360 -0.07198 -0.07083
highest: -0.02755 -0.02077 -0.01898 -0.01411 -0.01320
------------------------------------------------------------------------------
tBodyGyroJerkmeanZ
         n  missing   unique      Mean       .05       .10       .25       .50       .75       .90       .95
       180        0      180   -0.0548  -0.07399  -0.07033  -0.06172  -0.05343  -0.04898  -0.04116  -0.03594

lowest : -0.092500 -0.090300 -0.086790 -0.078947 -0.078844
highest: -0.027046 -0.023633 -0.022348 -0.013724 -0.006941
------------------------------------------------------------------------------
tBodyAccMagmean
        n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
      180       0     180  -0.4973  -0.9781  -0.9726  -0.9573  -0.4829  -0.0919   0.1150   0.1920

lowest : -0.9865 -0.9865 -0.9849 -0.9847 -0.9843, highest:  0.2508  0.3204  0.3310  0.3338  0.6446
------------------------------------------------------------------------------
tGravityAccMagmean
        n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
      180       0     180  -0.4973  -0.9781  -0.9726  -0.9573  -0.4829  -0.0919   0.1150   0.1920

lowest : -0.9865 -0.9865 -0.9849 -0.9847 -0.9843, highest:  0.2508  0.3204  0.3310  0.3338  0.6446
------------------------------------------------------------------------------
tBodyAccJerkMagmean
        n  missing   unique      Mean       .05       .10       .25       .50       .75       .90       .95
      180        0      180   -0.6079  -0.98956  -0.98782  -0.98074  -0.81678  -0.24561  -0.08853  -0.01680

lowest : -0.9928 -0.9927 -0.9924 -0.9917 -0.9909, highest:  0.1038  0.1095  0.1130  0.2626  0.4345
------------------------------------------------------------------------------
tBodyGyroMagmean
         n  missing   unique      Mean       .05       .10       .25       .50       .75       .90       .95
```

```
      180         0       180  -0.5652 -0.96868 -0.96305 -0.94613 -0.65508 -0.21589 -0.06758  0.04386

lowest : -0.9807 -0.9807 -0.9800 -0.9782 -0.9776, highest:  0.1000  0.1663  0.1664  0.3658  0.4180
-----------------------------------------------------------------------------------------------------
tBodyGyroJerkMagmean
        n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
      180        0     180  -0.7364  -0.9937  -0.9922  -0.9852  -0.8648  -0.5119  -0.3690  -0.2944

lowest : -0.99732 -0.99633 -0.99539 -0.99497 -0.99487
highest: -0.12619 -0.08294 -0.04631  0.01153  0.08758
-----------------------------------------------------------------------------------------------------
fBodyAccmeanX
        n  missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
      180        0      180  -0.5758 -0.99063 -0.98827 -0.97869 -0.76909 -0.21744  0.02467  0.10464

lowest : -0.9952 -0.9950 -0.9940 -0.9938 -0.9931, highest:  0.2054  0.2157  0.2353  0.3283  0.5370
-----------------------------------------------------------------------------------------------------
fBodyAccmeanY
        n  missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
      180        0      180  -0.4887 -0.97429 -0.96813 -0.95361 -0.59498 -0.06341  0.11371  0.22765

lowest : -0.9890 -0.9849 -0.9837 -0.9829 -0.9821, highest:  0.3715  0.3884  0.4035  0.4945  0.5242
-----------------------------------------------------------------------------------------------------
fBodyAccmeanZ
        n  missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
      180        0      180  -0.6297 -0.98305 -0.97492 -0.96195 -0.72360 -0.31834 -0.17701 -0.07283

lowest : -0.9895 -0.9886 -0.9877 -0.9874 -0.9853, highest:  0.1107  0.1596  0.1917  0.2805  0.2807
-----------------------------------------------------------------------------------------------------
fBodyAccmeanFreqX
        n  missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
      180        0      180  -0.2323 -0.51706 -0.46146 -0.39165 -0.25731 -0.06105  0.03466  0.08526

lowest : -0.6359 -0.5934 -0.5903 -0.5546 -0.5514, highest:  0.1053  0.1085  0.1287  0.1378  0.1591
-----------------------------------------------------------------------------------------------------
fBodyAccmeanFreqY
        n   missing    unique     Mean      .05       .10       .25       .50       .75       .90
      180         0       180  0.01153 -0.224031 -0.160957 -0.081314  0.007855  0.086281  0.201857
```

```
                                   .95
                                0.264956


lowest : -0.3795 -0.3665 -0.3338 -0.2717 -0.2494, highest:  0.3098  0.3283  0.3484  0.3662  0.4665
-------------------------------------------------------------------------------------------------------
fBodyAccmeanFreqZ
          n  missing    unique       Mean        .05        .10        .25        .50        .75        .90        .95
        180        0       180    0.04372   -0.28542   -0.21541   -0.03629    0.06582    0.17542    0.24522    0.29881


lowest : -0.5201 -0.5128 -0.5122 -0.4865 -0.4635, highest:  0.3348  0.3519  0.3601  0.3746  0.4025
-------------------------------------------------------------------------------------------------------
fBodyAccJerkmeanX
           n   missing    unique       Mean         .05         .10         .25         .50         .75         .90
         180         0       180    -0.6139   -0.992031   -0.989238   -0.982838   -0.812641   -0.281954   -0.038246
           .95
       -0.004982


lowest : -0.9946 -0.9945 -0.9937 -0.9934 -0.9927, highest:  0.1381  0.1814  0.2015  0.2148  0.4743
-------------------------------------------------------------------------------------------------------
fBodyAccJerkmeanY
           n   missing    unique       Mean         .05         .10         .25         .50         .75         .90         .95
         180         0       180    -0.5882   -0.98524   -0.98217   -0.97254   -0.78166   -0.19631   -0.05551    0.03334


lowest : -0.9894 -0.9883 -0.9882 -0.9871 -0.9863, highest:  0.1600  0.1648  0.2058  0.2206  0.2767
-------------------------------------------------------------------------------------------------------
fBodyAccJerkmeanZ
         n missing   unique       Mean       .05       .10       .25       .50       .75       .90       .95
       180       0      180    -0.7144   -0.9881   -0.9861   -0.9796   -0.8707   -0.4697   -0.2962   -0.2419


lowest : -0.99202 -0.99075 -0.98956 -0.98912 -0.98883
highest: -0.05720 -0.02488  0.05861  0.05959  0.15778
-------------------------------------------------------------------------------------------------------
fBodyAccJerkmeanFreqX
           n   missing    unique       Mean         .05         .10         .25         .50         .75         .90         .95
         180         0       180    -0.0691   -0.43962   -0.39135   -0.28966   -0.06091    0.17660    0.24046    0.26816


lowest : -0.5760 -0.5213 -0.5086 -0.4750 -0.4509, highest:  0.3033  0.3055  0.3122  0.3142  0.3314
-------------------------------------------------------------------------------------------------------
```

```
fBodyAccJerkmeanFreqY
      n   missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
     180        0      180   -0.2281 -0.53414 -0.47834 -0.39751 -0.23209 -0.04721  0.02905  0.07406

lowest : -0.60197 -0.58602 -0.57701 -0.55909 -0.55341
highest:  0.09874  0.12121  0.12704  0.13473  0.19568
-----------------------------------------------------------------------------------------------------
fBodyAccJerkmeanFreqZ
      n   missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
     180        0      180   -0.1376 -0.51252 -0.44687 -0.30867 -0.09187  0.03858  0.09244  0.12163

lowest : -0.6276 -0.6262 -0.6124 -0.5528 -0.5511, highest:  0.1488  0.1652  0.1669  0.1906  0.2301
-----------------------------------------------------------------------------------------------------
fBodyGyromeanX
      n missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
     180      0      180   -0.6367  -0.9870  -0.9834  -0.9697  -0.7300  -0.3387  -0.1954  -0.1254

lowest : -0.99312 -0.99244 -0.99014 -0.98996 -0.98841
highest: -0.06296 -0.03000  0.06337  0.22814  0.47496
-----------------------------------------------------------------------------------------------------
fBodyGyromeanY
      n missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
     180      0      180   -0.6767  -0.9862  -0.9831  -0.9700  -0.8141  -0.4458  -0.2157  -0.1028

lowest : -0.9940 -0.9937 -0.9916 -0.9903 -0.9890, highest:  0.1161  0.1187  0.1471  0.1956  0.3288
-----------------------------------------------------------------------------------------------------
fBodyGyromeanZ
      n   missing   unique     Mean        .05        .10        .25        .50        .75        .90
     180        0      180   -0.6044  -0.980874  -0.975842  -0.962424  -0.790931  -0.263481  -0.130501
     .95
-0.008592

lowest : -0.9860 -0.9860 -0.9850 -0.9842 -0.9837, highest:  0.1660  0.1967  0.2107  0.2570  0.4924
-----------------------------------------------------------------------------------------------------
fBodyGyromeanFreqX
      n   missing   unique     Mean        .05        .10        .25        .50        .75        .90
     180        0      180   -0.1046  -0.329563  -0.285349  -0.213363  -0.115527   0.002655   0.109375
     .95
```

```
      0.138729

lowest : -0.3958 -0.3935 -0.3912 -0.3897 -0.3806, highest:  0.1892  0.2134  0.2141  0.2359  0.2492
-------------------------------------------------------------------------------------------------
fBodyGyromeanFreqY
        n  missing   unique      Mean       .05       .10       .25       .50       .75       .90       .95
      180        0      180   -0.1674  -0.47363  -0.38508  -0.29433  -0.15794  -0.04269   0.06844   0.10152

lowest : -0.6668 -0.6427 -0.6355 -0.5491 -0.5269, highest:  0.1511  0.1665  0.2006  0.2322  0.2731
-------------------------------------------------------------------------------------------------
fBodyGyromeanFreqZ
        n  missing   unique      Mean       .05       .10       .25       .50       .75       .90       .95
      180        0      180  -0.05718  -0.34626  -0.25298  -0.15481  -0.05081   0.04152   0.14790   0.21166

lowest : -0.5075 -0.5016 -0.4837 -0.4301 -0.4198, highest:  0.2662  0.2892  0.3029  0.3030  0.3771
-------------------------------------------------------------------------------------------------
fBodyAccMagmean
      n missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
    180       0      180  -0.5365  -0.9752  -0.9724  -0.9560  -0.6703  -0.1622   0.1142   0.2202

lowest : -0.9868 -0.9868 -0.9854 -0.9848 -0.9845, highest:  0.3312  0.3648  0.3960  0.4719  0.5866
-------------------------------------------------------------------------------------------------
fBodyAccMagmeanFreq
        n  missing   unique      Mean       .05       .10       .25       .50       .75       .90       .95
      180        0      180   0.07613  -0.14537  -0.10252  -0.01475   0.08132   0.17436   0.25239   0.29429

lowest : -0.3123 -0.2733 -0.2416 -0.2186 -0.1844, highest:  0.3686  0.3687  0.3821  0.3932  0.4358
-------------------------------------------------------------------------------------------------
fBodyBodyAccJerkMagmean
        n  missing   unique      Mean       .05       .10       .25       .50       .75       .90       .95
      180        0      180   -0.5756  -0.98879  -0.98590  -0.97697  -0.79405  -0.18723   0.01115   0.07877

lowest : -0.9940 -0.9925 -0.9914 -0.9904 -0.9902, highest:  0.2222  0.2438  0.3315  0.3350  0.5384
-------------------------------------------------------------------------------------------------
fBodyBodyAccJerkMagmeanFreq
        n  missing   unique      Mean       .05       .10       .25       .50       .75       .90       .95
      180        0      180    0.1625  -0.04911  -0.01200   0.04527   0.17198   0.27593   0.34494   0.36168
```

```
lowest : -0.12521 -0.11716 -0.11288 -0.08901 -0.08457
highest:  0.40510  0.42222  0.42685  0.45909  0.48809
-------------------------------------------------------------------------------
fBodyBodyGyroMagmean
      n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
    180       0     180  -0.6671  -0.9799  -0.9743  -0.9616  -0.7657  -0.4087  -0.2643  -0.1003

lowest : -0.9865352 -0.9846176 -0.9843291 -0.9842911 -0.9840013
highest: -0.0003627  0.0488589  0.1508257  0.1850782  0.2039798
-------------------------------------------------------------------------------
fBodyBodyGyroMagmeanFreq
       n  missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
     180        0      180  -0.03603 -0.31020 -0.25986 -0.16951 -0.05352  0.08228  0.21696  0.29347

lowest : -0.4566 -0.4145 -0.3999 -0.3828 -0.3780, highest:  0.3515  0.3516  0.3856  0.4027  0.4095
-------------------------------------------------------------------------------
fBodyBodyGyroJerkMagmean
      n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
    180       0     180  -0.7564  -0.9924  -0.9905  -0.9813  -0.8779  -0.5831  -0.4450  -0.2662

lowest : -0.99762 -0.99520 -0.99506 -0.99482 -0.99481
highest: -0.13271 -0.12518 -0.02290  0.07468  0.14662
-------------------------------------------------------------------------------
fBodyBodyGyroJerkMagmeanFreq
        n   missing    unique      Mean       .05       .10       .25       .50       .75
      180         0       180    0.1259 -0.0511660 0.0007689 0.0542316 0.1115607 0.2080516
      .90       .95
 0.2604932  0.3081322

lowest : -0.1829 -0.1338 -0.1317 -0.1124 -0.1013, highest:  0.3397  0.3440  0.3483  0.3587  0.4263
-------------------------------------------------------------------------------
angletBodyAccMean.gravity
       n   missing    unique      Mean       .05       .10       .25       .50       .75       .90
     180         0       180  0.006556 -0.056502 -0.035125 -0.011012  0.007878  0.024393  0.054091
      .95
 0.068359

lowest : -0.16304 -0.13314 -0.11228 -0.10972 -0.07871
```

```
highest:  0.07678  0.09465  0.09609  0.11029  0.12915
-----------------------------------------------------------------------------------
angletBodyAccJerkMean.gravityMean
        n   missing    unique      Mean       .05       .10       .25       .50       .75       .90
      180         0       180 0.0006439 -0.076317 -0.052781 -0.021169  0.003136  0.022088  0.043018
       .95
 0.068163

lowest : -0.12055 -0.11947 -0.10271 -0.09793 -0.09212
highest:  0.08993  0.09714  0.10642  0.11518  0.20326
-----------------------------------------------------------------------------------
angletBodyGyroMean.gravityMean
        n  missing    unique      Mean       .05       .10       .25       .50       .75       .90       .95
      180        0       180   0.02193  -0.26310  -0.14296  -0.01977   0.02087   0.06460   0.17814   0.29800

lowest : -0.3893 -0.3664 -0.3216 -0.3129 -0.3115, highest:  0.3460  0.3536  0.3666  0.3807  0.4441
-----------------------------------------------------------------------------------
angletBodyGyroJerkMean.gravityMean
        n  missing    unique      Mean       .05       .10       .25       .50       .75       .90       .95
      180        0       180  -0.01137  -0.12866  -0.09473  -0.05613  -0.01602   0.03200   0.07113   0.11253

lowest : -0.2237 -0.2206 -0.2071 -0.1685 -0.1657, highest:  0.1536  0.1653  0.1679  0.1752  0.1824
-----------------------------------------------------------------------------------
angleX.gravityMean
     n missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
   180       0      180  -0.5243  -0.8657  -0.8525  -0.7907  -0.7377  -0.5823   0.5023   0.5901

lowest : -0.9471 -0.9307 -0.9235 -0.9171 -0.8964, highest:  0.6174  0.6320  0.6689  0.6957  0.7378
-----------------------------------------------------------------------------------
angleY.gravityMean
        n  missing    unique      Mean      .05      .10      .25      .50      .75      .90      .95
      180        0       180   0.07865 -0.55827 -0.42891  0.02191  0.17136  0.24343  0.31163  0.33095

lowest : -0.8746 -0.8253 -0.8131 -0.7632 -0.7194, highest:  0.3470  0.3529  0.3737  0.3868  0.4248
-----------------------------------------------------------------------------------
angleZ.gravityMean
        n   missing    unique      Mean       .05       .10       .25       .50       .75       .90
      180         0       180  -0.04044 -0.557347 -0.417199 -0.083912  0.005079  0.106190  0.169553
```

```
        .95
    0.232717


lowest : -0.8736 -0.8086 -0.7818 -0.7565 -0.6888, highest:  0.2935  0.3038  0.3121  0.3251  0.3904
--------------------------------------------------------------------------------------------------
tBodyAccstdX
       n  missing   unique     Mean       .05      .10      .25       .50       .75       .90       .95
     180        0      180   -0.5577  -0.99190 -0.98896 -0.97987 -0.75256 -0.19838   0.04834   0.18870

lowest : -0.9961 -0.9958 -0.9950 -0.9944 -0.9943, highest:  0.2957  0.3486  0.3837  0.4065  0.6269
--------------------------------------------------------------------------------------------------
tBodyAccstdY
       n  missing   unique     Mean       .05      .10      .25       .50       .75       .90       .95
     180        0      180   -0.4605  -0.97320 -0.96331 -0.94205 -0.50897 -0.03077   0.16543   0.30163

lowest : -0.9902 -0.9862 -0.9837 -0.9832 -0.9831, highest:  0.3789  0.3808  0.4898  0.5148  0.6169
--------------------------------------------------------------------------------------------------
tBodyAccstdZ
       n  missing   unique     Mean       .05      .10      .25       .50       .75       .90       .95
     180        0      180   -0.5756  -0.97768 -0.96785 -0.94981 -0.65176 -0.23064  -0.07367   0.05427

lowest : -0.9877 -0.9873 -0.9866 -0.9864 -0.9847, highest:  0.1596  0.1642  0.2299  0.4516  0.6090
--------------------------------------------------------------------------------------------------
tGravityAccstdX
      n missing  unique   Mean      .05     .10     .25     .50     .75     .90     .95
    180       0     180 -0.9638  -0.9928 -0.9892 -0.9825 -0.9695 -0.9509 -0.9343 -0.9211

lowest : -0.9968 -0.9964 -0.9945 -0.9943 -0.9940, highest: -0.8997 -0.8968 -0.8877 -0.8621 -0.8296
--------------------------------------------------------------------------------------------------
tGravityAccstdY
       n missing  unique   Mean      .05     .10     .25     .50     .75     .90     .95
     180       0     180 -0.9524  -0.9861 -0.9812 -0.9711 -0.9590 -0.9370 -0.9186 -0.9104

lowest : -0.9942 -0.9941 -0.9937 -0.9935 -0.9908, highest: -0.9039 -0.9013 -0.9010 -0.9005 -0.6436
--------------------------------------------------------------------------------------------------
tGravityAccstdZ
       n missing  unique   Mean      .05     .10     .25     .50     .75     .90     .95
     180       0     180 -0.9364  -0.9833 -0.9762 -0.9605 -0.9450 -0.9180 -0.8941 -0.8761
```

```
lowest : -0.9910 -0.9894 -0.9891 -0.9888 -0.9858, highest: -0.8624 -0.8588 -0.8524 -0.8369 -0.6102
-----------------------------------------------------------------------------------------------------
tBodyAccJerkstdX
         n    missing    unique      Mean        .05        .10        .25        .50        .75        .90        .95
        180          0       180   -0.5949   -0.99201   -0.98921   -0.98318   -0.81036   -0.22328   -0.01191    0.03843

lowest : -0.9946 -0.9943 -0.9937 -0.9935 -0.9928, highest:  0.1653  0.1989  0.2233  0.2501  0.5443
-----------------------------------------------------------------------------------------------------
tBodyAccJerkstdY
         n    missing    unique      Mean        .05        .10        .25        .50        .75        .90
        180          0       180   -0.5654  -0.985101  -0.982450  -0.972399  -0.775640  -0.148331   0.008861
        .95
 0.083222

lowest : -0.9895 -0.9886 -0.9886 -0.9872 -0.9867, highest:  0.2443  0.2765  0.2881  0.2897  0.3553
-----------------------------------------------------------------------------------------------------
tBodyAccJerkstdZ
       n missing  unique      Mean       .05       .10       .25       .50       .75       .90       .95
      180       0     180    -0.736   -0.9900   -0.9882   -0.9827   -0.8837   -0.5121   -0.3583   -0.3027

lowest : -0.99329 -0.99225 -0.99122 -0.99066 -0.99059
highest: -0.13363 -0.02931 -0.02001 -0.01351  0.03102
-----------------------------------------------------------------------------------------------------
tBodyGyrostdX
       n missing  unique      Mean       .05       .10       .25       .50       .75       .90       .95
      180       0     180   -0.6916   -0.9888   -0.9860   -0.9735   -0.7890   -0.4414   -0.3206   -0.2657

lowest : -0.99428 -0.99287 -0.99196 -0.99103 -0.99033
highest: -0.20494 -0.19921 -0.19830 -0.02644  0.26766
-----------------------------------------------------------------------------------------------------
tBodyGyrostdY
         n    missing    unique      Mean        .05        .10        .25        .50        .75        .90
        180          0       180   -0.6533  -0.984292  -0.980495  -0.962933  -0.801684  -0.419584  -0.144750
        .95
 0.006918

lowest : -0.99421 -0.99275 -0.99036 -0.98833 -0.98773
```

```
highest:  0.05699  0.08583  0.21383  0.25946  0.47652
-------------------------------------------------------------------------------
tBodyGyrostdZ
       n  missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
     180        0      180   -0.6164 -0.98128 -0.97490 -0.96095 -0.80100 -0.31061 -0.15713 -0.07344

lowest : -0.9855 -0.9851 -0.9848 -0.9839 -0.9834, highest:  0.1597  0.1841  0.3375  0.3562  0.5649
-------------------------------------------------------------------------------
tBodyGyroJerkstdX
       n missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
     180       0      180   -0.7036  -0.9933  -0.9914  -0.9800  -0.8396  -0.4629  -0.2676  -0.2166

lowest : -0.99654 -0.99610 -0.99588 -0.99526 -0.99417
highest: -0.17084 -0.16394  0.03934  0.08012  0.17915
-------------------------------------------------------------------------------
tBodyGyroJerkstdY
       n missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
     180       0      180   -0.7636  -0.9930  -0.9909  -0.9832  -0.8942  -0.5861  -0.4238  -0.2831

lowest : -0.99708 -0.99557 -0.99553 -0.99532 -0.99514
highest: -0.12755 -0.07045 -0.01463  0.14665  0.29595
-------------------------------------------------------------------------------
tBodyGyroJerkstdZ
       n missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
     180       0      180   -0.7096  -0.9926  -0.9903  -0.9848  -0.8610  -0.4741  -0.3239  -0.2123

lowest : -0.995381 -0.994909 -0.994465 -0.993841 -0.993760
highest: -0.034422  0.003079  0.091386  0.116646  0.193206
-------------------------------------------------------------------------------
tBodyAccMagstd
       n missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
     180       0      180   -0.5439  -0.9729  -0.9652  -0.9430  -0.6074  -0.2090   0.1194   0.2059

lowest : -0.9865 -0.9819 -0.9817 -0.9816 -0.9816, highest:  0.2651  0.3532  0.3736  0.4135  0.4284
-------------------------------------------------------------------------------
tGravityAccMagstd
       n missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
     180       0      180   -0.5439  -0.9729  -0.9652  -0.9430  -0.6074  -0.2090   0.1194   0.2059
```

```
lowest : -0.9865 -0.9819 -0.9817 -0.9816 -0.9816, highest:  0.2651  0.3532  0.3736  0.4135  0.4284
-------------------------------------------------------------------------------------------------------
tBodyAccJerkMagstd
         n  missing    unique      Mean        .05        .10        .25        .50        .75        .90        .95
       180        0       180   -0.5842  -0.98922  -0.98654  -0.97655  -0.80138  -0.21726  -0.02524   0.09602

lowest : -0.9946 -0.9931 -0.9914 -0.9912 -0.9905, highest:  0.2095  0.2296  0.2534  0.2921  0.4506
-------------------------------------------------------------------------------------------------------
tBodyGyroMagstd
         n  missing    unique      Mean        .05        .10        .25        .50        .75        .90        .95
       180        0       180   -0.6304  -0.97159  -0.96396  -0.94763  -0.74204  -0.36021  -0.20125  -0.06552

lowest : -0.98137 -0.98056 -0.97869 -0.97768 -0.97707
highest: -0.02185  0.05400  0.16335  0.23782  0.29998
-------------------------------------------------------------------------------------------------------
tBodyGyroJerkMagstd
         n missing   unique      Mean        .05        .10        .25        .50        .75        .90        .95
       180       0       180    -0.755   -0.9922   -0.9903   -0.9805   -0.8809   -0.5767   -0.4368   -0.2755

lowest : -0.99767 -0.99491 -0.99487 -0.99473 -0.99445
highest: -0.11123 -0.09534 -0.04390  0.05949  0.25017
-------------------------------------------------------------------------------------------------------
fBodyAccstdX
         n missing   unique      Mean        .05        .10        .25        .50        .75        .90        .95
       180       0      180   -0.5522   -0.9924   -0.9892   -0.9820   -0.7470   -0.1966    0.0508    0.2509

lowest : -0.9966 -0.9960 -0.9956 -0.9949 -0.9947, highest:  0.3366  0.4029  0.4034  0.4663  0.6585
-------------------------------------------------------------------------------------------------------
fBodyAccstdY
         n  missing    unique      Mean        .05        .10        .25        .50        .75        .90        .95
       180        0       180   -0.4815  -0.97363  -0.96414  -0.94042  -0.51338  -0.07913   0.11519   0.23447

lowest : -0.9907 -0.9867 -0.9846 -0.9843 -0.9833, highest:  0.3248  0.3561  0.4279  0.4384  0.5602
-------------------------------------------------------------------------------------------------------
fBodyAccstdZ
         n missing   unique      Mean        .05        .10        .25        .50        .75        .90        .95
       180       0       180   -0.5824   -0.9758   -0.9659   -0.9459   -0.6441   -0.2655   -0.0944    0.0864
```

```
lowest : -0.9872 -0.9866 -0.9864 -0.9860 -0.9849, highest:  0.1333  0.1338  0.2031  0.4276  0.6871
-------------------------------------------------------------------------------------------------
fBodyAccJerkstdX
        n  missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
      180        0      180   -0.6121 -0.99255 -0.99005 -0.98472 -0.82539 -0.24753 -0.07147  0.01913

lowest : -0.99507 -0.99461 -0.99422 -0.99412 -0.99368
highest:  0.09084  0.10806  0.15691  0.17266  0.47680
-------------------------------------------------------------------------------------------------
fBodyAccJerkstdY
         n    missing    unique      Mean       .05       .10       .25       .50       .75       .90
       180          0       180   -0.5707 -0.986121 -0.984074 -0.973699 -0.785152 -0.168540 -0.007067
      .95
 0.095277

lowest : -0.9905 -0.9900 -0.9899 -0.9882 -0.9882, highest:  0.2739  0.2931  0.3159  0.3412  0.3498
-------------------------------------------------------------------------------------------------
fBodyAccJerkstdZ
      n missing  unique    Mean     .05     .10     .25     .50     .75     .90     .95
    180       0     180 -0.7565 -0.9902 -0.9887 -0.9837 -0.8951 -0.5438 -0.4013 -0.3425

lowest : -0.993108 -0.992350 -0.991450 -0.991316 -0.990818
highest: -0.190752 -0.098520 -0.098393 -0.084667 -0.006236
-------------------------------------------------------------------------------------------------
fBodyGyrostdX
       n missing  unique    Mean     .05     .10     .25     .50     .75     .90     .95
     180       0     180  -0.711 -0.9896 -0.9869 -0.9750 -0.8086 -0.4813 -0.3570 -0.3083

lowest : -0.9947 -0.9930 -0.9926 -0.9913 -0.9910, highest: -0.2784 -0.2534 -0.2343 -0.1084  0.1966
-------------------------------------------------------------------------------------------------
fBodyGyrostdY
      n missing  unique    Mean     .05     .10     .25     .50     .75     .90     .95
    180       0     180 -0.6454 -0.9835 -0.9789 -0.9602 -0.7964 -0.4154 -0.1482  0.0746

lowest : -0.9944 -0.9922 -0.9896 -0.9873 -0.9871, highest:  0.1515  0.1717  0.2343  0.2866  0.6462
-------------------------------------------------------------------------------------------------
fBodyGyrostdZ
```

```
               n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
             180       0     180  -0.6577  -0.9828  -0.9769  -0.9643  -0.8224  -0.3916  -0.2368  -0.1648

lowest : -0.98673 -0.98648 -0.98573 -0.98532 -0.98471
highest:  0.01831  0.09548  0.18279  0.26320  0.52245
-------------------------------------------------------------------------------------------------------
fBodyAccMagstd
               n    missing     unique       Mean        .05        .10          .25         .50          .75
             180          0        180      -0.621  -0.9751406  -0.9676112  -0.9451633  -0.6512629  -0.3654056
              .90         .95
        -0.0737739  0.0005175

lowest : -0.98765 -0.98231 -0.98225 -0.98223 -0.98160
highest:  0.08286  0.08887  0.14462  0.15312  0.17868
-------------------------------------------------------------------------------------------------------
fBodyBodyAccJerkMagstd
               n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
             180       0     180  -0.5992 -0.98858 -0.98630 -0.97520 -0.81262 -0.26682 -0.02227  0.08048

lowest : -0.9944 -0.9925 -0.9910 -0.9903 -0.9903, highest:  0.1583  0.1943  0.2245  0.2275  0.3163
-------------------------------------------------------------------------------------------------------
fBodyBodyGyroMagstd
               n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
             180       0     180  -0.6723  -0.9718  -0.9637  -0.9488  -0.7727  -0.4277  -0.3043  -0.1833

lowest : -0.98147 -0.98125 -0.97847 -0.97744 -0.97726
highest: -0.14160 -0.07433 -0.06148  0.03204  0.23666
-------------------------------------------------------------------------------------------------------
fBodyBodyGyroJerkMagstd
               n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
             180       0     180  -0.7715  -0.9922  -0.9907  -0.9802  -0.8941  -0.6081  -0.4530  -0.3427

lowest : -0.99759 -0.99497 -0.99474 -0.99467 -0.99421
highest: -0.14573 -0.14325 -0.08417 -0.03986  0.28783
-------------------------------------------------------------------------------------------------------
tidydata.sub.mean

 89  Variables      180  Observations
```

```
--------------------------------------------------------------------------------
X
       n missing  unique    Mean     .05     .10     .25     .50     .75     .90     .95
     180        0     180    90.5    9.95   18.90   45.75   90.50  135.25  162.10  171.05

lowest :   1    2    3    4    5, highest: 176 177 178 179 180
--------------------------------------------------------------------------------
subject
       n missing  unique    Mean     .05     .10     .25     .50     .75     .90     .95
     180        0      30    15.5     2.0     3.9     8.0    15.5    23.0    27.1    29.0

lowest :  1  2  3  4  5, highest: 26 27 28 29 30
--------------------------------------------------------------------------------
activity
       n missing  unique
     180        0       6

LAYING (30, 17%), SITTING (30, 17%), STANDING (30, 17%), WALKING (30, 17%)
WALKING_DOWNSTAIRS (30, 17%), WALKING_UPSTAIRS (30, 17%)
--------------------------------------------------------------------------------
tBodyAccmeanX
       n missing  unique    Mean     .05     .10     .25     .50     .75     .90     .95
     180        0     180  0.2743  0.2499  0.2582  0.2712  0.2770  0.2800  0.2887  0.2934

lowest : 0.2216 0.2333 0.2395 0.2421 0.2472, highest: 0.2956 0.2959 0.2961 0.2975 0.3015
--------------------------------------------------------------------------------
tBodyAccmeanY
        n   missing   unique     Mean       .05        .10        .25        .50        .75        .90
      180         0      180  -0.01788 -0.028267 -0.026875 -0.020022 -0.017262 -0.014936 -0.011234
      .95
-0.008478

lowest : -0.040514 -0.032527 -0.032411 -0.032384 -0.031980
highest: -0.006726 -0.005877 -0.005630 -0.003503 -0.001308
--------------------------------------------------------------------------------
tBodyAccmeanZ
        n   missing   unique     Mean       .05        .10        .25        .50        .75        .90        .95
      180         0      180   -0.1092 -0.12523 -0.12131 -0.11207 -0.10819 -0.10443 -0.09975 -0.09723
```

```
lowest : -0.15251 -0.15105 -0.14377 -0.13370 -0.13312
highest: -0.09103 -0.08924 -0.08914 -0.08683 -0.07538
-------------------------------------------------------------------------------
tGravityAccmeanX
      n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
    180       0     180  0.6975  -0.4726  -0.3480   0.8376   0.9208   0.9425   0.9581   0.9652

lowest : -0.6800 -0.6213 -0.5803 -0.5304 -0.5098, highest:  0.9669  0.9686  0.9691  0.9726  0.9745
-------------------------------------------------------------------------------
tGravityAccmeanY
       n  missing   unique     Mean        .05       .10       .25       .50       .75       .90       .95
     180        0      180  -0.01621  -0.35671  -0.32299  -0.23319  -0.12782   0.08773   0.63488   0.80303

lowest : -0.4799 -0.4323 -0.4162 -0.3871 -0.3829, highest:  0.8992  0.9152  0.9430  0.9549  0.9566
-------------------------------------------------------------------------------
tGravityAccmeanZ
       n  missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
     180        0      180  0.07413  -0.29482  -0.20865  -0.11726   0.02384   0.14946   0.53276   0.71997

lowest : -0.4951 -0.4225 -0.4036 -0.3926 -0.3791, highest:  0.8454  0.8939  0.9075  0.9188  0.9579
-------------------------------------------------------------------------------
tBodyAccJerkmeanX
      n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
    180       0     180 0.07947 0.06275 0.06948 0.07396 0.07640 0.08330 0.09692 0.10370

lowest : 0.04269 0.04286 0.04576 0.05416 0.05610, highest: 0.11066 0.11147 0.11825 0.11894 0.13019
-------------------------------------------------------------------------------
tBodyAccJerkmeanY
         n    missing    unique      Mean         .05         .10          .25         .50          .75
       180          0       180   0.007565  -0.0163276  -0.0098247   0.0004664   0.0094698   0.0134008
        .90         .95
 0.0227168   0.0284955

lowest : -0.03869 -0.03802 -0.02140 -0.02106 -0.02069
highest:  0.03671  0.03750  0.03972  0.03999  0.05682
-------------------------------------------------------------------------------
tBodyAccJerkmeanZ
```

```
            n   missing   unique      Mean        .05        .10        .25        .50        .75        .90
          180         0      180 -0.004953  -0.029383  -0.021055  -0.010601  -0.003861   0.001958   0.007939
             .95
        0.015935

lowest : -0.06746 -0.05134 -0.04556 -0.03944 -0.03601
highest:  0.02082  0.02134  0.02438  0.03167  0.03805
-----------------------------------------------------------------------------------------------------------
tBodyGyromeanX
            n   missing   unique      Mean        .05        .10        .25        .50        .75        .90        .95
          180         0      180  -0.03244   -0.12654   -0.10546   -0.04712   -0.02871   -0.01676    0.02504    0.07186

lowest : -0.20578 -0.16397 -0.15983 -0.14110 -0.13878
highest:  0.09033  0.09320  0.09579  0.13498  0.19270
-----------------------------------------------------------------------------------------------------------
tBodyGyromeanY
            n   missing   unique      Mean        .05        .10        .25        .50        .75        .90        .95
          180         0      180  -0.07426   -0.13993   -0.11159   -0.08955   -0.07318   -0.06113   -0.03440   -0.01348

lowest : -0.204205 -0.181458 -0.174651 -0.166170 -0.158903
highest:  0.007106  0.013902  0.016215  0.021225  0.027471
-----------------------------------------------------------------------------------------------------------
tBodyGyromeanZ
           n missing  unique      Mean       .05       .10       .25       .50       .75       .90       .95
         180       0     180   0.08744   0.02467   0.05738   0.07475   0.08512   0.10177   0.13868   0.14871

lowest : -0.072455 -0.044138 -0.032556 -0.007793 -0.005468
highest:  0.155920  0.159894  0.163963  0.169720  0.179102
-----------------------------------------------------------------------------------------------------------
tBodyGyroJerkmeanX
            n   missing   unique      Mean        .05        .10        .25        .50        .75        .90        .95
          180         0      180  -0.09606   -0.14100   -0.12280   -0.10322   -0.09868   -0.09110   -0.06470   -0.05142

lowest : -0.15721 -0.15545 -0.14845 -0.14839 -0.14680
highest: -0.03374 -0.02665 -0.02647 -0.02565 -0.02209
-----------------------------------------------------------------------------------------------------------
tBodyGyroJerkmeanY
            n   missing   unique      Mean        .05        .10        .25        .50        .75        .90        .95
```

```
         180          0         180 -0.04269 -0.06096 -0.05282 -0.04552 -0.04112 -0.03842 -0.03463 -0.03025

lowest : -0.07681 -0.07406 -0.07360 -0.07198 -0.07083
highest: -0.02755 -0.02077 -0.01898 -0.01411 -0.01320
-------------------------------------------------------------------------------
tBodyGyroJerkmeanZ
        n  missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
      180        0      180   -0.0548 -0.07399 -0.07033 -0.06172 -0.05343 -0.04898 -0.04116 -0.03594

lowest : -0.092500 -0.090300 -0.086790 -0.078947 -0.078844
highest: -0.027046 -0.023633 -0.022348 -0.013724 -0.006941
-------------------------------------------------------------------------------
tBodyAccMagmean
        n missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
      180       0      180   -0.4973  -0.9781  -0.9726  -0.9573  -0.4829  -0.0919   0.1150   0.1920

lowest : -0.9865 -0.9865 -0.9849 -0.9847 -0.9843, highest:  0.2508  0.3204  0.3310  0.3338  0.6446
-------------------------------------------------------------------------------
tGravityAccMagmean
        n missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
      180       0      180   -0.4973  -0.9781  -0.9726  -0.9573  -0.4829  -0.0919   0.1150   0.1920

lowest : -0.9865 -0.9865 -0.9849 -0.9847 -0.9843, highest:  0.2508  0.3204  0.3310  0.3338  0.6446
-------------------------------------------------------------------------------
tBodyAccJerkMagmean
        n  missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
      180        0      180   -0.6079 -0.98956 -0.98782 -0.98074 -0.81678 -0.24561 -0.08853 -0.01680

lowest : -0.9928 -0.9927 -0.9924 -0.9917 -0.9909, highest:  0.1038  0.1095  0.1130  0.2626  0.4345
-------------------------------------------------------------------------------
tBodyGyroMagmean
        n  missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
      180        0      180   -0.5652 -0.96868 -0.96305 -0.94613 -0.65508 -0.21589 -0.06758  0.04386

lowest : -0.9807 -0.9807 -0.9800 -0.9782 -0.9776, highest:  0.1000  0.1663  0.1664  0.3658  0.4180
-------------------------------------------------------------------------------
tBodyGyroJerkMagmean
        n missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
```

```
      180         0      180 -0.7364 -0.9937 -0.9922 -0.9852 -0.8648 -0.5119 -0.3690 -0.2944

lowest : -0.99732 -0.99633 -0.99539 -0.99497 -0.99487
highest: -0.12619 -0.08294 -0.04631  0.01153  0.08758
-------------------------------------------------------------------------------------------------------
fBodyAccmeanX
        n  missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
      180         0      180  -0.5758  -0.99063  -0.98827  -0.97869  -0.76909  -0.21744   0.02467   0.10464

lowest : -0.9952 -0.9950 -0.9940 -0.9938 -0.9931, highest:  0.2054  0.2157  0.2353  0.3283  0.5370
-------------------------------------------------------------------------------------------------------
fBodyAccmeanY
        n  missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
      180         0      180  -0.4887  -0.97429  -0.96813  -0.95361  -0.59498  -0.06341   0.11371   0.22765

lowest : -0.9890 -0.9849 -0.9837 -0.9829 -0.9821, highest:  0.3715  0.3884  0.4035  0.4945  0.5242
-------------------------------------------------------------------------------------------------------
fBodyAccmeanZ
        n  missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
      180         0      180  -0.6297  -0.98305  -0.97492  -0.96195  -0.72360  -0.31834  -0.17701  -0.07283

lowest : -0.9895 -0.9886 -0.9877 -0.9874 -0.9853, highest:  0.1107  0.1596  0.1917  0.2805  0.2807
-------------------------------------------------------------------------------------------------------
fBodyAccmeanFreqX
        n  missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
      180         0      180  -0.2323  -0.51706  -0.46146  -0.39165  -0.25731  -0.06105   0.03466   0.08526

lowest : -0.6359 -0.5934 -0.5903 -0.5546 -0.5514, highest:  0.1053  0.1085  0.1287  0.1378  0.1591
-------------------------------------------------------------------------------------------------------
fBodyAccmeanFreqY
        n   missing    unique      Mean        .05        .10        .25        .50        .75        .90
      180         0       180    0.01153  -0.224031  -0.160957  -0.081314   0.007855   0.086281   0.201857
      .95
 0.264956

lowest : -0.3795 -0.3665 -0.3338 -0.2717 -0.2494, highest:  0.3098  0.3283  0.3484  0.3662  0.4665
-------------------------------------------------------------------------------------------------------
fBodyAccmeanFreqZ
```

```
            n   missing    unique      Mean        .05       .10       .25       .50       .75       .90       .95
          180         0       180   0.04372   -0.28542  -0.21541  -0.03629   0.06582   0.17542   0.24522   0.29881

lowest : -0.5201 -0.5128 -0.5122 -0.4865 -0.4635, highest:  0.3348  0.3519  0.3601  0.3746  0.4025
-------------------------------------------------------------------------------------------------------------------
fBodyAccJerkmeanX
            n   missing    unique      Mean         .05        .10        .25        .50        .75        .90
          180         0       180    -0.6139   -0.992031  -0.989238  -0.982838  -0.812641  -0.281954  -0.038246
          .95
     -0.004982

lowest : -0.9946 -0.9945 -0.9937 -0.9934 -0.9927, highest:  0.1381  0.1814  0.2015  0.2148  0.4743
-------------------------------------------------------------------------------------------------------------------
fBodyAccJerkmeanY
            n   missing    unique      Mean        .05       .10       .25       .50       .75       .90       .95
          180         0       180    -0.5882   -0.98524  -0.98217  -0.97254  -0.78166  -0.19631  -0.05551   0.03334

lowest : -0.9894 -0.9883 -0.9882 -0.9871 -0.9863, highest:  0.1600  0.1648  0.2058  0.2206  0.2767
-------------------------------------------------------------------------------------------------------------------
fBodyAccJerkmeanZ
          n  missing    unique      Mean       .05       .10       .25       .50       .75       .90       .95
        180        0       180   -0.7144   -0.9881   -0.9861   -0.9796   -0.8707   -0.4697   -0.2962   -0.2419

lowest : -0.99202 -0.99075 -0.98956 -0.98912 -0.98883
highest: -0.05720 -0.02488  0.05861  0.05959  0.15778
-------------------------------------------------------------------------------------------------------------------
fBodyAccJerkmeanFreqX
            n   missing    unique      Mean        .05       .10       .25       .50       .75       .90       .95
          180         0       180    -0.0691   -0.43962  -0.39135  -0.28966  -0.06091   0.17660   0.24046   0.26816

lowest : -0.5760 -0.5213 -0.5086 -0.4750 -0.4509, highest:  0.3033  0.3055  0.3122  0.3142  0.3314
-------------------------------------------------------------------------------------------------------------------
fBodyAccJerkmeanFreqY
            n   missing    unique      Mean        .05       .10       .25       .50       .75       .90       .95
          180         0       180    -0.2281   -0.53414  -0.47834  -0.39751  -0.23209  -0.04721   0.02905   0.07406

lowest : -0.60197 -0.58602 -0.57701 -0.55909 -0.55341
highest:  0.09874  0.12121  0.12704  0.13473  0.19568
```

```
--------------------------------------------------------------------------------
fBodyAccJerkmeanFreqZ
       n  missing   unique      Mean       .05       .10       .25       .50       .75       .90       .95
     180        0      180   -0.1376  -0.51252  -0.44687  -0.30867  -0.09187   0.03858   0.09244   0.12163

lowest : -0.6276 -0.6262 -0.6124 -0.5528 -0.5511, highest:  0.1488  0.1652  0.1669  0.1906  0.2301
--------------------------------------------------------------------------------
fBodyGyromeanX
       n missing  unique      Mean      .05      .10      .25      .50      .75      .90      .95
     180       0     180   -0.6367  -0.9870  -0.9834  -0.9697  -0.7300  -0.3387  -0.1954  -0.1254

lowest : -0.99312 -0.99244 -0.99014 -0.98996 -0.98841
highest: -0.06296 -0.03000  0.06337  0.22814  0.47496
--------------------------------------------------------------------------------
fBodyGyromeanY
       n missing  unique      Mean      .05      .10      .25      .50      .75      .90      .95
     180       0     180   -0.6767  -0.9862  -0.9831  -0.9700  -0.8141  -0.4458  -0.2157  -0.1028

lowest : -0.9940 -0.9937 -0.9916 -0.9903 -0.9890, highest:  0.1161  0.1187  0.1471  0.1956  0.3288
--------------------------------------------------------------------------------
fBodyGyromeanZ
       n   missing    unique      Mean        .05        .10        .25        .50        .75        .90
     180         0       180   -0.6044  -0.980874  -0.975842  -0.962424  -0.790931  -0.263481  -0.130501
       .95
-0.008592

lowest : -0.9860 -0.9860 -0.9850 -0.9842 -0.9837, highest:  0.1660  0.1967  0.2107  0.2570  0.4924
--------------------------------------------------------------------------------
fBodyGyromeanFreqX
       n   missing    unique      Mean        .05        .10        .25        .50        .75        .90
     180         0       180   -0.1046  -0.329563  -0.285349  -0.213363  -0.115527   0.002655   0.109375
       .95
 0.138729

lowest : -0.3958 -0.3935 -0.3912 -0.3897 -0.3806, highest:  0.1892  0.2134  0.2141  0.2359  0.2492
--------------------------------------------------------------------------------
fBodyGyromeanFreqY
       n   missing    unique      Mean        .05        .10        .25        .50        .75        .90        .95
```

```
        180         0         180   -0.1674 -0.47363 -0.38508 -0.29433 -0.15794 -0.04269  0.06844  0.10152

lowest : -0.6668 -0.6427 -0.6355 -0.5491 -0.5269, highest:  0.1511  0.1665  0.2006  0.2322  0.2731
-------------------------------------------------------------------------------------------
fBodyGyromeanFreqZ
         n  missing   unique      Mean       .05       .10       .25       .50       .75       .90       .95
        180         0         180  -0.05718 -0.34626 -0.25298 -0.15481 -0.05081  0.04152  0.14790  0.21166

lowest : -0.5075 -0.5016 -0.4837 -0.4301 -0.4198, highest:  0.2662  0.2892  0.3029  0.3030  0.3771
-------------------------------------------------------------------------------------------
fBodyAccMagmean
         n missing   unique      Mean       .05       .10       .25       .50       .75       .90       .95
        180        0         180   -0.5365  -0.9752  -0.9724  -0.9560  -0.6703  -0.1622   0.1142   0.2202

lowest : -0.9868 -0.9868 -0.9854 -0.9848 -0.9845, highest:  0.3312  0.3648  0.3960  0.4719  0.5866
-------------------------------------------------------------------------------------------
fBodyAccMagmeanFreq
         n  missing   unique      Mean       .05       .10       .25       .50       .75       .90       .95
        180         0         180   0.07613 -0.14537 -0.10252 -0.01475  0.08132  0.17436  0.25239  0.29429

lowest : -0.3123 -0.2733 -0.2416 -0.2186 -0.1844, highest:  0.3686  0.3687  0.3821  0.3932  0.4358
-------------------------------------------------------------------------------------------
fBodyBodyAccJerkMagmean
         n  missing   unique      Mean       .05       .10       .25       .50       .75       .90       .95
        180         0         180   -0.5756 -0.98879 -0.98590 -0.97697 -0.79405 -0.18723  0.01115  0.07877

lowest : -0.9940 -0.9925 -0.9914 -0.9904 -0.9902, highest:  0.2222  0.2438  0.3315  0.3350  0.5384
-------------------------------------------------------------------------------------------
fBodyBodyAccJerkMagmeanFreq
         n  missing   unique      Mean       .05       .10       .25       .50       .75       .90       .95
        180         0         180    0.1625 -0.04911 -0.01200  0.04527  0.17198  0.27593  0.34494  0.36168

lowest : -0.12521 -0.11716 -0.11288 -0.08901 -0.08457
highest:  0.40510  0.42222  0.42685  0.45909  0.48809
-------------------------------------------------------------------------------------------
fBodyBodyGyroMagmean
         n missing   unique      Mean       .05       .10       .25       .50       .75       .90       .95
        180        0         180   -0.6671  -0.9799  -0.9743  -0.9616  -0.7657  -0.4087  -0.2643  -0.1003
```

```
lowest : -0.9865352 -0.9846176 -0.9843291 -0.9842911 -0.9840013
highest: -0.0003627  0.0488589  0.1508257  0.1850782  0.2039798
-------------------------------------------------------------------------------
fBodyBodyGyroMagmeanFreq
        n  missing   unique     Mean        .05        .10        .25        .50        .75        .90        .95
      180        0      180  -0.03603   -0.31020   -0.25986   -0.16951   -0.05352    0.08228    0.21696    0.29347

lowest : -0.4566 -0.4145 -0.3999 -0.3828 -0.3780, highest:  0.3515  0.3516  0.3856  0.4027  0.4095
-------------------------------------------------------------------------------
fBodyBodyGyroJerkMagmean
        n missing  unique     Mean       .05       .10       .25       .50       .75       .90       .95
      180       0     180  -0.7564   -0.9924   -0.9905   -0.9813   -0.8779   -0.5831   -0.4450   -0.2662

lowest : -0.99762 -0.99520 -0.99506 -0.99482 -0.99481
highest: -0.13271 -0.12518 -0.02290  0.07468  0.14662
-------------------------------------------------------------------------------
fBodyBodyGyroJerkMagmeanFreq
         n    missing     unique       Mean         .05         .10          .25          .50          .75
       180          0        180     0.1259  -0.0511660   0.0007689   0.0542316   0.1115607   0.2080516
        .90         .95
  0.2604932   0.3081322

lowest : -0.1829 -0.1338 -0.1317 -0.1124 -0.1013, highest:  0.3397  0.3440  0.3483  0.3587  0.4263
-------------------------------------------------------------------------------
angletBodyAccMean.gravity
         n    missing     unique       Mean         .05         .10          .25         .50         .75         .90
       180          0        180   0.006556   -0.056502   -0.035125   -0.011012    0.007878    0.024393    0.054091
        .95
  0.068359

lowest : -0.16304 -0.13314 -0.11228 -0.10972 -0.07871
highest:  0.07678  0.09465  0.09609  0.11029  0.12915
-------------------------------------------------------------------------------
angletBodyAccJerkMean.gravityMean
         n    missing     unique       Mean         .05         .10          .25         .50         .75         .90
       180          0        180  0.0006439   -0.076317   -0.052781   -0.021169    0.003136    0.022088    0.043018
        .95
```

```
  0.068163

lowest : -0.12055 -0.11947 -0.10271 -0.09793 -0.09212
highest:  0.08993  0.09714  0.10642  0.11518  0.20326
--------------------------------------------------------------------------------
angletBodyGyroMean.gravityMean
        n  missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
      180        0      180  0.02193 -0.26310 -0.14296 -0.01977  0.02087  0.06460  0.17814  0.29800

lowest : -0.3893 -0.3664 -0.3216 -0.3129 -0.3115, highest:  0.3460  0.3536  0.3666  0.3807  0.4441
--------------------------------------------------------------------------------
angletBodyGyroJerkMean.gravityMean
        n  missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
      180        0      180 -0.01137 -0.12866 -0.09473 -0.05613 -0.01602  0.03200  0.07113  0.11253

lowest : -0.2237 -0.2206 -0.2071 -0.1685 -0.1657, highest:  0.1536  0.1653  0.1679  0.1752  0.1824
--------------------------------------------------------------------------------
angleX.gravityMean
      n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
    180       0     180  -0.5243  -0.8657  -0.8525  -0.7907  -0.7377  -0.5823   0.5023   0.5901

lowest : -0.9471 -0.9307 -0.9235 -0.9171 -0.8964, highest:  0.6174  0.6320  0.6689  0.6957  0.7378
--------------------------------------------------------------------------------
angleY.gravityMean
        n  missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
      180        0      180  0.07865 -0.55827 -0.42891  0.02191  0.17136  0.24343  0.31163  0.33095

lowest : -0.8746 -0.8253 -0.8131 -0.7632 -0.7194, highest:  0.3470  0.3529  0.3737  0.3868  0.4248
--------------------------------------------------------------------------------
angleZ.gravityMean
         n    missing     unique      Mean       .05       .10        .25        .50        .75        .90
       180          0        180   -0.04044 -0.557347 -0.417199 -0.083912  0.005079  0.106190  0.169553
       .95
  0.232717

lowest : -0.8736 -0.8086 -0.7818 -0.7565 -0.6888, highest:  0.2935  0.3038  0.3121  0.3251  0.3904
--------------------------------------------------------------------------------
tBodyAccstdX
```

```
            n   missing    unique      Mean       .05       .10       .25       .50       .75       .90       .95
          180         0       180   -0.5577  -0.99190  -0.98896  -0.97987  -0.75256  -0.19838   0.04834   0.18870

lowest : -0.9961 -0.9958 -0.9950 -0.9944 -0.9943, highest:  0.2957  0.3486  0.3837  0.4065  0.6269
---------------------------------------------------------------------------------------------------------------
tBodyAccstdY
            n   missing    unique      Mean       .05       .10       .25       .50       .75       .90       .95
          180         0       180   -0.4605  -0.97320  -0.96331  -0.94205  -0.50897  -0.03077   0.16543   0.30163

lowest : -0.9902 -0.9862 -0.9837 -0.9832 -0.9831, highest:  0.3789  0.3808  0.4898  0.5148  0.6169
---------------------------------------------------------------------------------------------------------------
tBodyAccstdZ
            n   missing    unique      Mean       .05       .10       .25       .50       .75       .90       .95
          180         0       180   -0.5756  -0.97768  -0.96785  -0.94981  -0.65176  -0.23064  -0.07367   0.05427

lowest : -0.9877 -0.9873 -0.9866 -0.9864 -0.9847, highest:  0.1596  0.1642  0.2299  0.4516  0.6090
---------------------------------------------------------------------------------------------------------------
tGravityAccstdX
          n missing   unique      Mean      .05      .10      .25      .50      .75      .90      .95
        180       0      180   -0.9638  -0.9928  -0.9892  -0.9825  -0.9695  -0.9509  -0.9343  -0.9211

lowest : -0.9968 -0.9964 -0.9945 -0.9943 -0.9940, highest: -0.8997 -0.8968 -0.8877 -0.8621 -0.8296
---------------------------------------------------------------------------------------------------------------
tGravityAccstdY
            n   missing    unique      Mean      .05      .10      .25      .50      .75      .90      .95
          180         0       180   -0.9524  -0.9861  -0.9812  -0.9711  -0.9590  -0.9370  -0.9186  -0.9104

lowest : -0.9942 -0.9941 -0.9937 -0.9935 -0.9908, highest: -0.9039 -0.9013 -0.9010 -0.9005 -0.6436
---------------------------------------------------------------------------------------------------------------
tGravityAccstdZ
            n   missing    unique      Mean      .05      .10      .25      .50      .75      .90      .95
          180         0       180   -0.9364  -0.9833  -0.9762  -0.9605  -0.9450  -0.9180  -0.8941  -0.8761

lowest : -0.9910 -0.9894 -0.9891 -0.9888 -0.9858, highest: -0.8624 -0.8588 -0.8524 -0.8369 -0.6102
---------------------------------------------------------------------------------------------------------------
tBodyAccJerkstdX
            n   missing    unique      Mean       .05       .10       .25       .50       .75       .90       .95
          180         0       180   -0.5949  -0.99201  -0.98921  -0.98318  -0.81036  -0.22328  -0.01191   0.03843
```

```
lowest : -0.9946 -0.9943 -0.9937 -0.9935 -0.9928, highest:  0.1653  0.1989  0.2233  0.2501  0.5443
-----------------------------------------------------------------------------------------------
tBodyAccJerkstdY
         n    missing     unique      Mean        .05        .10        .25        .50        .75        .90
       180          0        180   -0.5654  -0.985101  -0.982450  -0.972399  -0.775640  -0.148331   0.008861
       .95
 0.083222

lowest : -0.9895 -0.9886 -0.9886 -0.9872 -0.9867, highest:  0.2443  0.2765  0.2881  0.2897  0.3553
-----------------------------------------------------------------------------------------------
tBodyAccJerkstdZ
       n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
     180       0     180   -0.736  -0.9900  -0.9882  -0.9827  -0.8837  -0.5121  -0.3583  -0.3027

lowest : -0.99329 -0.99225 -0.99122 -0.99066 -0.99059
highest: -0.13363 -0.02931 -0.02001 -0.01351  0.03102
-----------------------------------------------------------------------------------------------
tBodyGyrostdX
       n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
     180       0     180  -0.6916  -0.9888  -0.9860  -0.9735  -0.7890  -0.4414  -0.3206  -0.2657

lowest : -0.99428 -0.99287 -0.99196 -0.99103 -0.99033
highest: -0.20494 -0.19921 -0.19830 -0.02644  0.26766
-----------------------------------------------------------------------------------------------
tBodyGyrostdY
         n    missing     unique      Mean        .05        .10        .25        .50        .75        .90
       180          0        180   -0.6533  -0.984292  -0.980495  -0.962933  -0.801684  -0.419584  -0.144750
       .95
 0.006918

lowest : -0.99421 -0.99275 -0.99036 -0.98833 -0.98773
highest:  0.05699  0.08583  0.21383  0.25946  0.47652
-----------------------------------------------------------------------------------------------
tBodyGyrostdZ
         n    missing     unique      Mean        .05        .10        .25        .50        .75        .90        .95
       180          0        180   -0.6164  -0.98128  -0.97490  -0.96095  -0.80100  -0.31061  -0.15713  -0.07344
```

```
lowest : -0.9855 -0.9851 -0.9848 -0.9839 -0.9834, highest:  0.1597  0.1841  0.3375  0.3562  0.5649
---------------------------------------------------------------------------------------------------
tBodyGyroJerkstdX
        n missing  unique      Mean       .05       .10       .25       .50       .75       .90       .95
      180        0     180   -0.7036   -0.9933   -0.9914   -0.9800   -0.8396   -0.4629   -0.2676   -0.2166

lowest : -0.99654 -0.99610 -0.99588 -0.99526 -0.99417
highest: -0.17084 -0.16394  0.03934  0.08012  0.17915
---------------------------------------------------------------------------------------------------
tBodyGyroJerkstdY
        n missing  unique      Mean       .05       .10       .25       .50       .75       .90       .95
      180        0     180   -0.7636   -0.9930   -0.9909   -0.9832   -0.8942   -0.5861   -0.4238   -0.2831

lowest : -0.99708 -0.99557 -0.99553 -0.99532 -0.99514
highest: -0.12755 -0.07045 -0.01463  0.14665  0.29595
---------------------------------------------------------------------------------------------------
tBodyGyroJerkstdZ
        n missing  unique      Mean       .05       .10       .25       .50       .75       .90       .95
      180        0     180   -0.7096   -0.9926   -0.9903   -0.9848   -0.8610   -0.4741   -0.3239   -0.2123

lowest : -0.995381 -0.994909 -0.994465 -0.993841 -0.993760
highest: -0.034422  0.003079  0.091386  0.116646  0.193206
---------------------------------------------------------------------------------------------------
tBodyAccMagstd
        n missing  unique      Mean       .05       .10       .25       .50       .75       .90       .95
      180        0     180   -0.5439   -0.9729   -0.9652   -0.9430   -0.6074   -0.2090    0.1194    0.2059

lowest : -0.9865 -0.9819 -0.9817 -0.9816 -0.9816, highest:  0.2651  0.3532  0.3736  0.4135  0.4284
---------------------------------------------------------------------------------------------------
tGravityAccMagstd
        n missing  unique      Mean       .05       .10       .25       .50       .75       .90       .95
      180        0     180   -0.5439   -0.9729   -0.9652   -0.9430   -0.6074   -0.2090    0.1194    0.2059

lowest : -0.9865 -0.9819 -0.9817 -0.9816 -0.9816, highest:  0.2651  0.3532  0.3736  0.4135  0.4284
---------------------------------------------------------------------------------------------------
tBodyAccJerkMagstd
        n  missing   unique      Mean       .05       .10       .25       .50       .75       .90       .95
      180        0      180    -0.5842  -0.98922  -0.98654  -0.97655  -0.80138  -0.21726  -0.02524   0.09602
```

```
lowest : -0.9946 -0.9931 -0.9914 -0.9912 -0.9905, highest:  0.2095  0.2296  0.2534  0.2921  0.4506
------------------------------------------------------------------------------------------------------
tBodyGyroMagstd
       n  missing    unique      Mean       .05       .10       .25       .50       .75       .90       .95
     180        0       180   -0.6304  -0.97159  -0.96396  -0.94763  -0.74204  -0.36021  -0.20125  -0.06552

lowest : -0.98137 -0.98056 -0.97869 -0.97768 -0.97707
highest: -0.02185  0.05400  0.16335  0.23782  0.29998
------------------------------------------------------------------------------------------------------
tBodyGyroJerkMagstd
       n missing   unique      Mean       .05       .10       .25       .50       .75       .90       .95
     180       0      180    -0.755   -0.9922   -0.9903   -0.9805   -0.8809   -0.5767   -0.4368   -0.2755

lowest : -0.99767 -0.99491 -0.99487 -0.99473 -0.99445
highest: -0.11123 -0.09534 -0.04390  0.05949  0.25017
------------------------------------------------------------------------------------------------------
fBodyAccstdX
       n missing   unique      Mean       .05       .10       .25       .50       .75       .90       .95
     180       0      180   -0.5522   -0.9924   -0.9892   -0.9820   -0.7470   -0.1966    0.0508    0.2509

lowest : -0.9966 -0.9960 -0.9956 -0.9949 -0.9947, highest:  0.3366  0.4029  0.4034  0.4663  0.6585
------------------------------------------------------------------------------------------------------
fBodyAccstdY
        n  missing    unique      Mean       .05       .10       .25       .50       .75       .90       .95
      180        0       180   -0.4815  -0.97363  -0.96414  -0.94042  -0.51338  -0.07913   0.11519   0.23447

lowest : -0.9907 -0.9867 -0.9846 -0.9843 -0.9833, highest:  0.3248  0.3561  0.4279  0.4384  0.5602
------------------------------------------------------------------------------------------------------
fBodyAccstdZ
       n missing   unique      Mean       .05       .10       .25       .50       .75       .90       .95
     180       0      180   -0.5824   -0.9758   -0.9659   -0.9459   -0.6441   -0.2655   -0.0944    0.0864

lowest : -0.9872 -0.9866 -0.9864 -0.9860 -0.9849, highest:  0.1333  0.1338  0.2031  0.4276  0.6871
------------------------------------------------------------------------------------------------------
fBodyAccJerkstdX
       n  missing    unique      Mean       .05       .10       .25       .50       .75       .90       .95
     180        0       180   -0.6121  -0.99255  -0.99005  -0.98472  -0.82539  -0.24753  -0.07147   0.01913
```

```
lowest : -0.99507 -0.99461 -0.99422 -0.99412 -0.99368
highest:  0.09084  0.10806  0.15691  0.17266  0.47680
-------------------------------------------------------------------------------
fBodyAccJerkstdY
        n    missing     unique      Mean        .05        .10        .25        .50        .75        .90
      180          0        180    -0.5707  -0.986121  -0.984074  -0.973699  -0.785152  -0.168540  -0.007067
      .95
 0.095277

lowest : -0.9905 -0.9900 -0.9899 -0.9882 -0.9882, highest:  0.2739  0.2931  0.3159  0.3412  0.3498
-------------------------------------------------------------------------------
fBodyAccJerkstdZ
      n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
    180       0     180  -0.7565  -0.9902  -0.9887  -0.9837  -0.8951  -0.5438  -0.4013  -0.3425

lowest : -0.993108 -0.992350 -0.991450 -0.991316 -0.990818
highest: -0.190752 -0.098520 -0.098393 -0.084667 -0.006236
-------------------------------------------------------------------------------
fBodyGyrostdX
      n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
    180       0     180   -0.711  -0.9896  -0.9869  -0.9750  -0.8086  -0.4813  -0.3570  -0.3083

lowest : -0.9947 -0.9930 -0.9926 -0.9913 -0.9910, highest: -0.2784 -0.2534 -0.2343 -0.1084  0.1966
-------------------------------------------------------------------------------
fBodyGyrostdY
      n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
    180       0     180  -0.6454  -0.9835  -0.9789  -0.9602  -0.7964  -0.4154  -0.1482   0.0746

lowest : -0.9944 -0.9922 -0.9896 -0.9873 -0.9871, highest:  0.1515  0.1717  0.2343  0.2866  0.6462
-------------------------------------------------------------------------------
fBodyGyrostdZ
      n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
    180       0     180  -0.6577  -0.9828  -0.9769  -0.9643  -0.8224  -0.3916  -0.2368  -0.1648

lowest : -0.98673 -0.98648 -0.98573 -0.98532 -0.98471
highest:  0.01831  0.09548  0.18279  0.26320  0.52245
-------------------------------------------------------------------------------
```

```
fBodyAccMagstd
        n      missing      unique       Mean         .05        .10        .25        .50        .75
        180          0         180       -0.621  -0.9751406 -0.9676112 -0.9451633 -0.6512629 -0.3654056
        .90          .95
-0.0737739  0.0005175

lowest : -0.98765 -0.98231 -0.98225 -0.98223 -0.98160
highest:  0.08286  0.08887  0.14462  0.15312  0.17868
--------------------------------------------------------------------------------------------------------
fBodyBodyAccJerkMagstd
       n  missing   unique      Mean        .05        .10        .25        .50        .75        .90        .95
     180        0      180   -0.5992   -0.98858   -0.98630   -0.97520   -0.81262   -0.26682   -0.02227    0.08048

lowest : -0.9944 -0.9925 -0.9910 -0.9903 -0.9903, highest:  0.1583  0.1943  0.2245  0.2275  0.3163
--------------------------------------------------------------------------------------------------------
fBodyBodyGyroMagstd
      n missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
    180       0      180   -0.6723   -0.9718   -0.9637   -0.9488   -0.7727   -0.4277   -0.3043   -0.1833

lowest : -0.98147 -0.98125 -0.97847 -0.97744 -0.97726
highest: -0.14160 -0.07433 -0.06148  0.03204  0.23666
--------------------------------------------------------------------------------------------------------
fBodyBodyGyroJerkMagstd
      n missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
    180       0      180   -0.7715   -0.9922   -0.9907   -0.9802   -0.8941   -0.6081   -0.4530   -0.3427

lowest : -0.99759 -0.99497 -0.99474 -0.99467 -0.99421
highest: -0.14573 -0.14325 -0.08417 -0.03986  0.28783
--------------------------------------------------------------------------------------------------------
tidydata.sub.mean

 89  Variables       180  Observations
--------------------------------------------------------------------------------------------------------
X
       n missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
     180       0      180     90.5      9.95     18.90     45.75     90.50    135.25    162.10    171.05

lowest :   1   2   3   4   5, highest: 176 177 178 179 180
```

```
--------------------------------------------------------------------------------
subject
      n missing  unique    Mean     .05     .10     .25     .50     .75     .90     .95
    180       0      30    15.5     2.0     3.9     8.0    15.5    23.0    27.1    29.0

lowest :  1  2  3  4  5, highest: 26 27 28 29 30
--------------------------------------------------------------------------------
activity
      n missing  unique
    180       0       6

LAYING (30, 17%), SITTING (30, 17%), STANDING (30, 17%), WALKING (30, 17%)
WALKING_DOWNSTAIRS (30, 17%), WALKING_UPSTAIRS (30, 17%)
--------------------------------------------------------------------------------
tBodyAccmeanX
      n missing  unique    Mean     .05     .10     .25     .50     .75     .90     .95
    180       0     180  0.2743  0.2499  0.2582  0.2712  0.2770  0.2800  0.2887  0.2934

lowest : 0.2216 0.2333 0.2395 0.2421 0.2472, highest: 0.2956 0.2959 0.2961 0.2975 0.3015
--------------------------------------------------------------------------------
tBodyAccmeanY
       n   missing    unique      Mean       .05        .10        .25        .50        .75        .90
     180         0       180  -0.01788 -0.028267 -0.026875 -0.020022 -0.017262 -0.014936 -0.011234
       .95
-0.008478

lowest : -0.040514 -0.032527 -0.032411 -0.032384 -0.031980
highest: -0.006726 -0.005877 -0.005630 -0.003503 -0.001308
--------------------------------------------------------------------------------
tBodyAccmeanZ
       n  missing    unique     Mean       .05       .10       .25       .50       .75       .90       .95
     180        0       180  -0.1092  -0.12523  -0.12131  -0.11207  -0.10819  -0.10443  -0.09975  -0.09723

lowest : -0.15251 -0.15105 -0.14377 -0.13370 -0.13312
highest: -0.09103 -0.08924 -0.08914 -0.08683 -0.07538
--------------------------------------------------------------------------------
tGravityAccmeanX
      n missing  unique    Mean     .05     .10     .25     .50     .75     .90     .95
```

```
     180        0     180   0.6975 -0.4726 -0.3480  0.8376  0.9208  0.9425  0.9581  0.9652

lowest : -0.6800 -0.6213 -0.5803 -0.5304 -0.5098, highest:  0.9669  0.9686  0.9691  0.9726  0.9745
-----------------------------------------------------------------------------------------------------
tGravityAccmeanY
       n  missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
     180        0      180  -0.01621 -0.35671 -0.32299 -0.23319 -0.12782  0.08773  0.63488  0.80303

lowest : -0.4799 -0.4323 -0.4162 -0.3871 -0.3829, highest:  0.8992  0.9152  0.9430  0.9549  0.9566
-----------------------------------------------------------------------------------------------------
tGravityAccmeanZ
       n  missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
     180        0      180   0.07413 -0.29482 -0.20865 -0.11726  0.02384  0.14946  0.53276  0.71997

lowest : -0.4951 -0.4225 -0.4036 -0.3926 -0.3791, highest:  0.8454  0.8939  0.9075  0.9188  0.9579
-----------------------------------------------------------------------------------------------------
tBodyAccJerkmeanX
      n missing  unique    Mean     .05     .10     .25     .50     .75     .90     .95
    180       0     180 0.07947 0.06275 0.06948 0.07396 0.07640 0.08330 0.09692 0.10370

lowest : 0.04269 0.04286 0.04576 0.05416 0.05610, highest: 0.11066 0.11147 0.11825 0.11894 0.13019
-----------------------------------------------------------------------------------------------------
tBodyAccJerkmeanY
        n    missing    unique      Mean        .05        .10        .25        .50        .75
      180          0       180   0.007565 -0.0163276 -0.0098247  0.0004664  0.0094698  0.0134008
      .90        .95
 0.0227168  0.0284955

lowest : -0.03869 -0.03802 -0.02140 -0.02106 -0.02069
highest:  0.03671  0.03750  0.03972  0.03999  0.05682
-----------------------------------------------------------------------------------------------------
tBodyAccJerkmeanZ
       n  missing   unique      Mean       .05       .10       .25       .50       .75       .90
     180        0      180  -0.004953 -0.029383 -0.021055 -0.010601 -0.003861  0.001958  0.007939
      .95
 0.015935

lowest : -0.06746 -0.05134 -0.04556 -0.03944 -0.03601
```

```
highest:  0.02082  0.02134  0.02438  0.03167  0.03805
-------------------------------------------------------------------------------------
tBodyGyromeanX
        n   missing    unique      Mean       .05       .10       .25       .50       .75       .90       .95
      180         0       180  -0.03244  -0.12654  -0.10546  -0.04712  -0.02871  -0.01676   0.02504   0.07186

lowest : -0.20578 -0.16397 -0.15983 -0.14110 -0.13878
highest:  0.09033  0.09320  0.09579  0.13498  0.19270
-------------------------------------------------------------------------------------
tBodyGyromeanY
        n   missing    unique      Mean       .05       .10       .25       .50       .75       .90       .95
      180         0       180  -0.07426  -0.13993  -0.11159  -0.08955  -0.07318  -0.06113  -0.03440  -0.01348

lowest : -0.204205 -0.181458 -0.174651 -0.166170 -0.158903
highest:  0.007106  0.013902  0.016215  0.021225  0.027471
-------------------------------------------------------------------------------------
tBodyGyromeanZ
       n missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
     180       0      180  0.08744  0.02467  0.05738  0.07475  0.08512  0.10177  0.13868  0.14871

lowest : -0.072455 -0.044138 -0.032556 -0.007793 -0.005468
highest:  0.155920  0.159894  0.163963  0.169720  0.179102
-------------------------------------------------------------------------------------
tBodyGyroJerkmeanX
        n   missing    unique      Mean       .05       .10       .25       .50       .75       .90       .95
      180         0       180  -0.09606  -0.14100  -0.12280  -0.10322  -0.09868  -0.09110  -0.06470  -0.05142

lowest : -0.15721 -0.15545 -0.14845 -0.14839 -0.14680
highest: -0.03374 -0.02665 -0.02647 -0.02565 -0.02209
-------------------------------------------------------------------------------------
tBodyGyroJerkmeanY
        n   missing    unique      Mean       .05       .10       .25       .50       .75       .90       .95
      180         0       180  -0.04269  -0.06096  -0.05282  -0.04552  -0.04112  -0.03842  -0.03463  -0.03025

lowest : -0.07681 -0.07406 -0.07360 -0.07198 -0.07083
highest: -0.02755 -0.02077 -0.01898 -0.01411 -0.01320
-------------------------------------------------------------------------------------
tBodyGyroJerkmeanZ
```

```
                 n   missing   unique      Mean        .05       .10       .25       .50       .75       .90       .95
               180         0      180    -0.0548   -0.07399  -0.07033  -0.06172  -0.05343  -0.04898  -0.04116  -0.03594

lowest : -0.092500 -0.090300 -0.086790 -0.078947 -0.078844
highest: -0.027046 -0.023633 -0.022348 -0.013724 -0.006941
------------------------------------------------------------------------------------------------------------------------
tBodyAccMagmean
         n missing  unique    Mean      .05       .10       .25      .50      .75      .90      .95
       180       0     180  -0.4973  -0.9781   -0.9726   -0.9573  -0.4829  -0.0919   0.1150   0.1920

lowest : -0.9865 -0.9865 -0.9849 -0.9847 -0.9843, highest:  0.2508  0.3204  0.3310  0.3338  0.6446
------------------------------------------------------------------------------------------------------------------------
tGravityAccMagmean
         n missing  unique    Mean      .05       .10       .25      .50      .75      .90      .95
       180       0     180  -0.4973  -0.9781   -0.9726   -0.9573  -0.4829  -0.0919   0.1150   0.1920

lowest : -0.9865 -0.9865 -0.9849 -0.9847 -0.9843, highest:  0.2508  0.3204  0.3310  0.3338  0.6446
------------------------------------------------------------------------------------------------------------------------
tBodyAccJerkMagmean
         n  missing   unique     Mean       .05        .10        .25        .50        .75        .90        .95
       180        0      180    -0.6079   -0.98956   -0.98782   -0.98074   -0.81678   -0.24561   -0.08853   -0.01680

lowest : -0.9928 -0.9927 -0.9924 -0.9917 -0.9909, highest:  0.1038  0.1095  0.1130  0.2626  0.4345
------------------------------------------------------------------------------------------------------------------------
tBodyGyroMagmean
         n  missing   unique     Mean       .05        .10        .25        .50        .75        .90        .95
       180        0      180    -0.5652   -0.96868   -0.96305   -0.94613   -0.65508   -0.21589   -0.06758   0.04386

lowest : -0.9807 -0.9807 -0.9800 -0.9782 -0.9776, highest:  0.1000  0.1663  0.1664  0.3658  0.4180
------------------------------------------------------------------------------------------------------------------------
tBodyGyroJerkMagmean
         n missing  unique    Mean      .05       .10       .25      .50      .75      .90      .95
       180       0     180  -0.7364  -0.9937   -0.9922   -0.9852  -0.8648  -0.5119  -0.3690  -0.2944

lowest : -0.99732 -0.99633 -0.99539 -0.99497 -0.99487
highest: -0.12619 -0.08294 -0.04631  0.01153  0.08758
------------------------------------------------------------------------------------------------------------------------
fBodyAccmeanX
```

```
                 n  missing   unique      Mean       .05       .10       .25       .50       .75       .90       .95
               180        0      180   -0.5758  -0.99063  -0.98827  -0.97869  -0.76909  -0.21744   0.02467   0.10464

lowest : -0.9952 -0.9950 -0.9940 -0.9938 -0.9931, highest:  0.2054  0.2157  0.2353  0.3283  0.5370
-----------------------------------------------------------------------------------------------------------------
fBodyAccmeanY
                 n  missing   unique      Mean       .05       .10       .25       .50       .75       .90       .95
               180        0      180   -0.4887  -0.97429  -0.96813  -0.95361  -0.59498  -0.06341   0.11371   0.22765

lowest : -0.9890 -0.9849 -0.9837 -0.9829 -0.9821, highest:  0.3715  0.3884  0.4035  0.4945  0.5242
-----------------------------------------------------------------------------------------------------------------
fBodyAccmeanZ
                 n  missing   unique      Mean       .05       .10       .25       .50       .75       .90       .95
               180        0      180   -0.6297  -0.98305  -0.97492  -0.96195  -0.72360  -0.31834  -0.17701  -0.07283

lowest : -0.9895 -0.9886 -0.9877 -0.9874 -0.9853, highest:  0.1107  0.1596  0.1917  0.2805  0.2807
-----------------------------------------------------------------------------------------------------------------
fBodyAccmeanFreqX
                 n  missing   unique      Mean       .05       .10       .25       .50       .75       .90       .95
               180        0      180   -0.2323  -0.51706  -0.46146  -0.39165  -0.25731  -0.06105   0.03466   0.08526

lowest : -0.6359 -0.5934 -0.5903 -0.5546 -0.5514, highest:  0.1053  0.1085  0.1287  0.1378  0.1591
-----------------------------------------------------------------------------------------------------------------
fBodyAccmeanFreqY
                 n  missing   unique      Mean       .05       .10       .25       .50       .75       .90
               180        0      180    0.01153 -0.224031 -0.160957 -0.081314  0.007855  0.086281  0.201857
           .95
       0.264956

lowest : -0.3795 -0.3665 -0.3338 -0.2717 -0.2494, highest:  0.3098  0.3283  0.3484  0.3662  0.4665
-----------------------------------------------------------------------------------------------------------------
fBodyAccmeanFreqZ
                 n  missing   unique      Mean       .05       .10       .25       .50       .75       .90       .95
               180        0      180    0.04372 -0.28542 -0.21541 -0.03629   0.06582   0.17542   0.24522   0.29881

lowest : -0.5201 -0.5128 -0.5122 -0.4865 -0.4635, highest:  0.3348  0.3519  0.3601  0.3746  0.4025
-----------------------------------------------------------------------------------------------------------------
fBodyAccJerkmeanX
```

```
                    n     missing    unique      Mean       .05       .10       .25       .50       .75       .90
                  180           0       180    -0.6139 -0.992031 -0.989238 -0.982838 -0.812641 -0.281954 -0.038246
                    .95
-0.004982

lowest : -0.9946 -0.9945 -0.9937 -0.9934 -0.9927, highest:  0.1381  0.1814  0.2015  0.2148  0.4743
-------------------------------------------------------------------------------------------------------------------
fBodyAccJerkmeanY
              n    missing    unique      Mean       .05       .10       .25       .50       .75       .90       .95
            180          0       180    -0.5882  -0.98524  -0.98217  -0.97254  -0.78166  -0.19631  -0.05551   0.03334

lowest : -0.9894 -0.9883 -0.9882 -0.9871 -0.9863, highest:  0.1600  0.1648  0.2058  0.2206  0.2767
-------------------------------------------------------------------------------------------------------------------
fBodyAccJerkmeanZ
          n missing  unique      Mean       .05       .10       .25       .50       .75       .90       .95
        180       0     180    -0.7144   -0.9881   -0.9861   -0.9796   -0.8707   -0.4697   -0.2962   -0.2419

lowest : -0.99202 -0.99075 -0.98956 -0.98912 -0.98883
highest: -0.05720 -0.02488  0.05861  0.05959  0.15778
-------------------------------------------------------------------------------------------------------------------
fBodyAccJerkmeanFreqX
              n    missing    unique      Mean       .05       .10       .25       .50       .75       .90       .95
            180          0       180    -0.0691  -0.43962  -0.39135  -0.28966  -0.06091   0.17660   0.24046   0.26816

lowest : -0.5760 -0.5213 -0.5086 -0.4750 -0.4509, highest:  0.3033  0.3055  0.3122  0.3142  0.3314
-------------------------------------------------------------------------------------------------------------------
fBodyAccJerkmeanFreqY
              n    missing    unique      Mean       .05       .10       .25       .50       .75       .90       .95
            180          0       180    -0.2281  -0.53414  -0.47834  -0.39751  -0.23209  -0.04721   0.02905   0.07406

lowest : -0.60197 -0.58602 -0.57701 -0.55909 -0.55341
highest:  0.09874  0.12121  0.12704  0.13473  0.19568
-------------------------------------------------------------------------------------------------------------------
fBodyAccJerkmeanFreqZ
              n    missing    unique      Mean       .05       .10       .25       .50       .75       .90       .95
            180          0       180    -0.1376  -0.51252  -0.44687  -0.30867  -0.09187   0.03858   0.09244   0.12163

lowest : -0.6276 -0.6262 -0.6124 -0.5528 -0.5511, highest:  0.1488  0.1652  0.1669  0.1906  0.2301
```

```
--------------------------------------------------------------------------------
fBodyGyromeanX
      n missing  unique    Mean     .05     .10     .25     .50     .75     .90     .95
    180        0     180  -0.6367 -0.9870 -0.9834 -0.9697 -0.7300 -0.3387 -0.1954 -0.1254

lowest : -0.99312 -0.99244 -0.99014 -0.98996 -0.98841
highest: -0.06296 -0.03000  0.06337  0.22814  0.47496
--------------------------------------------------------------------------------
fBodyGyromeanY
      n missing  unique    Mean     .05     .10     .25     .50     .75     .90     .95
    180        0     180  -0.6767 -0.9862 -0.9831 -0.9700 -0.8141 -0.4458 -0.2157 -0.1028

lowest : -0.9940 -0.9937 -0.9916 -0.9903 -0.9890, highest:  0.1161  0.1187  0.1471  0.1956  0.3288
--------------------------------------------------------------------------------
fBodyGyromeanZ
       n  missing   unique     Mean       .05       .10       .25       .50       .75       .90
     180        0      180   -0.6044 -0.980874 -0.975842 -0.962424 -0.790931 -0.263481 -0.130501
      .95
-0.008592

lowest : -0.9860 -0.9860 -0.9850 -0.9842 -0.9837, highest:  0.1660  0.1967  0.2107  0.2570  0.4924
--------------------------------------------------------------------------------
fBodyGyromeanFreqX
       n  missing   unique     Mean       .05       .10       .25       .50       .75       .90
     180        0      180   -0.1046 -0.329563 -0.285349 -0.213363 -0.115527  0.002655  0.109375
      .95
 0.138729

lowest : -0.3958 -0.3935 -0.3912 -0.3897 -0.3806, highest:  0.1892  0.2134  0.2141  0.2359  0.2492
--------------------------------------------------------------------------------
fBodyGyromeanFreqY
      n  missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
    180        0     180  -0.1674 -0.47363 -0.38508 -0.29433 -0.15794 -0.04269  0.06844  0.10152

lowest : -0.6668 -0.6427 -0.6355 -0.5491 -0.5269, highest:  0.1511  0.1665  0.2006  0.2322  0.2731
--------------------------------------------------------------------------------
fBodyGyromeanFreqZ
       n  missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
```

```
         180        0        180 -0.05718 -0.34626 -0.25298 -0.15481 -0.05081  0.04152  0.14790  0.21166

lowest : -0.5075 -0.5016 -0.4837 -0.4301 -0.4198, highest:  0.2662  0.2892  0.3029  0.3030  0.3771
---------------------------------------------------------------------------------------------------
fBodyAccMagmean
       n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
     180        0      180 -0.5365 -0.9752 -0.9724 -0.9560 -0.6703 -0.1622  0.1142  0.2202

lowest : -0.9868 -0.9868 -0.9854 -0.9848 -0.9845, highest:  0.3312  0.3648  0.3960  0.4719  0.5866
---------------------------------------------------------------------------------------------------
fBodyAccMagmeanFreq
       n  missing   unique    Mean       .05      .10      .25      .50      .75      .90       .95
     180        0      180  0.07613 -0.14537 -0.10252 -0.01475  0.08132  0.17436  0.25239  0.29429

lowest : -0.3123 -0.2733 -0.2416 -0.2186 -0.1844, highest:  0.3686  0.3687  0.3821  0.3932  0.4358
---------------------------------------------------------------------------------------------------
fBodyBodyAccJerkMagmean
       n  missing   unique    Mean       .05      .10      .25      .50      .75      .90       .95
     180        0      180  -0.5756 -0.98879 -0.98590 -0.97697 -0.79405 -0.18723  0.01115  0.07877

lowest : -0.9940 -0.9925 -0.9914 -0.9904 -0.9902, highest:  0.2222  0.2438  0.3315  0.3350  0.5384
---------------------------------------------------------------------------------------------------
fBodyBodyAccJerkMagmeanFreq
       n  missing   unique    Mean       .05      .10      .25      .50      .75      .90       .95
     180        0      180   0.1625 -0.04911 -0.01200  0.04527  0.17198  0.27593  0.34494  0.36168

lowest : -0.12521 -0.11716 -0.11288 -0.08901 -0.08457
highest:  0.40510  0.42222  0.42685  0.45909  0.48809
---------------------------------------------------------------------------------------------------
fBodyBodyGyroMagmean
       n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
     180        0      180 -0.6671 -0.9799 -0.9743 -0.9616 -0.7657 -0.4087 -0.2643 -0.1003

lowest : -0.9865352 -0.9846176 -0.9843291 -0.9842911 -0.9840013
highest: -0.0003627  0.0488589  0.1508257  0.1850782  0.2039798
---------------------------------------------------------------------------------------------------
fBodyBodyGyroMagmeanFreq
       n  missing   unique    Mean       .05      .10      .25      .50      .75      .90       .95
```

```
      180          0         180 -0.03603 -0.31020 -0.25986 -0.16951 -0.05352  0.08228  0.21696  0.29347

lowest : -0.4566 -0.4145 -0.3999 -0.3828 -0.3780, highest:  0.3515  0.3516  0.3856  0.4027  0.4095
-------------------------------------------------------------------------------------------------------
fBodyBodyGyroJerkMagmean
      n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
     180       0     180  -0.7564  -0.9924  -0.9905  -0.9813  -0.8779  -0.5831  -0.4450  -0.2662

lowest : -0.99762 -0.99520 -0.99506 -0.99482 -0.99481
highest: -0.13271 -0.12518 -0.02290  0.07468  0.14662
-------------------------------------------------------------------------------------------------------
fBodyBodyGyroJerkMagmeanFreq
        n    missing     unique       Mean        .05        .10        .25        .50        .75
      180          0        180     0.1259 -0.0511660  0.0007689  0.0542316  0.1115607  0.2080516
      .90        .95
 0.2604932  0.3081322

lowest : -0.1829 -0.1338 -0.1317 -0.1124 -0.1013, highest:  0.3397  0.3440  0.3483  0.3587  0.4263
-------------------------------------------------------------------------------------------------------
angletBodyAccMean.gravity
        n    missing     unique       Mean        .05        .10        .25        .50        .75        .90
      180          0        180   0.006556  -0.056502  -0.035125  -0.011012   0.007878   0.024393   0.054091
      .95
 0.068359

lowest : -0.16304 -0.13314 -0.11228 -0.10972 -0.07871
highest:  0.07678  0.09465  0.09609  0.11029  0.12915
-------------------------------------------------------------------------------------------------------
angletBodyAccJerkMean.gravityMean
        n    missing     unique       Mean        .05        .10        .25        .50        .75        .90
      180          0        180  0.0006439  -0.076317  -0.052781  -0.021169   0.003136   0.022088   0.043018
      .95
 0.068163

lowest : -0.12055 -0.11947 -0.10271 -0.09793 -0.09212
highest:  0.08993  0.09714  0.10642  0.11518  0.20326
-------------------------------------------------------------------------------------------------------
angletBodyGyroMean.gravityMean
```

```
             n  missing    unique     Mean        .05        .10        .25        .50        .75        .90        .95
           180        0       180   0.02193   -0.26310   -0.14296   -0.01977    0.02087    0.06460    0.17814    0.29800

lowest : -0.3893 -0.3664 -0.3216 -0.3129 -0.3115, highest:  0.3460  0.3536  0.3666  0.3807  0.4441
------------------------------------------------------------------------------------------------------------------------
angletBodyGyroJerkMean.gravityMean
             n  missing    unique     Mean        .05        .10        .25        .50        .75        .90        .95
           180        0       180  -0.01137   -0.12866   -0.09473   -0.05613   -0.01602    0.03200    0.07113    0.11253

lowest : -0.2237 -0.2206 -0.2071 -0.1685 -0.1657, highest:  0.1536  0.1653  0.1679  0.1752  0.1824
------------------------------------------------------------------------------------------------------------------------
angleX.gravityMean
           n  missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
         180        0     180  -0.5243  -0.8657  -0.8525  -0.7907  -0.7377  -0.5823   0.5023   0.5901

lowest : -0.9471 -0.9307 -0.9235 -0.9171 -0.8964, highest:  0.6174  0.6320  0.6689  0.6957  0.7378
------------------------------------------------------------------------------------------------------------------------
angleY.gravityMean
             n  missing    unique     Mean        .05        .10        .25        .50        .75        .90        .95
           180        0       180   0.07865   -0.55827   -0.42891    0.02191    0.17136    0.24343    0.31163    0.33095

lowest : -0.8746 -0.8253 -0.8131 -0.7632 -0.7194, highest:  0.3470  0.3529  0.3737  0.3868  0.4248
------------------------------------------------------------------------------------------------------------------------
angleZ.gravityMean
             n   missing     unique      Mean         .05         .10         .25         .50         .75         .90
           180         0        180   -0.04044   -0.557347   -0.417199   -0.083912    0.005079    0.106190    0.169553
         .95
  0.232717

lowest : -0.8736 -0.8086 -0.7818 -0.7565 -0.6888, highest:  0.2935  0.3038  0.3121  0.3251  0.3904
------------------------------------------------------------------------------------------------------------------------
tBodyAccstdX
             n  missing    unique     Mean        .05        .10        .25        .50        .75        .90        .95
           180        0       180  -0.5577   -0.99190   -0.98896   -0.97987   -0.75256   -0.19838    0.04834    0.18870

lowest : -0.9961 -0.9958 -0.9950 -0.9944 -0.9943, highest:  0.2957  0.3486  0.3837  0.4065  0.6269
------------------------------------------------------------------------------------------------------------------------
tBodyAccstdY
```

```
               n   missing    unique      Mean       .05       .10       .25       .50       .75       .90       .95
             180         0       180   -0.4605  -0.97320  -0.96331  -0.94205  -0.50897  -0.03077   0.16543   0.30163

lowest : -0.9902 -0.9862 -0.9837 -0.9832 -0.9831, highest:  0.3789  0.3808  0.4898  0.5148  0.6169
-------------------------------------------------------------------------------------------------------------------
tBodyAccstdZ
               n   missing    unique      Mean       .05       .10       .25       .50       .75       .90       .95
             180         0       180   -0.5756  -0.97768  -0.96785  -0.94981  -0.65176  -0.23064  -0.07367   0.05427

lowest : -0.9877 -0.9873 -0.9866 -0.9864 -0.9847, highest:  0.1596  0.1642  0.2299  0.4516  0.6090
-------------------------------------------------------------------------------------------------------------------
tGravityAccstdX
             n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
           180       0     180  -0.9638  -0.9928  -0.9892  -0.9825  -0.9695  -0.9509  -0.9343  -0.9211

lowest : -0.9968 -0.9964 -0.9945 -0.9943 -0.9940, highest: -0.8997 -0.8968 -0.8877 -0.8621 -0.8296
-------------------------------------------------------------------------------------------------------------------
tGravityAccstdY
             n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
           180       0     180  -0.9524  -0.9861  -0.9812  -0.9711  -0.9590  -0.9370  -0.9186  -0.9104

lowest : -0.9942 -0.9941 -0.9937 -0.9935 -0.9908, highest: -0.9039 -0.9013 -0.9010 -0.9005 -0.6436
-------------------------------------------------------------------------------------------------------------------
tGravityAccstdZ
             n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
           180       0     180  -0.9364  -0.9833  -0.9762  -0.9605  -0.9450  -0.9180  -0.8941  -0.8761

lowest : -0.9910 -0.9894 -0.9891 -0.9888 -0.9858, highest: -0.8624 -0.8588 -0.8524 -0.8369 -0.6102
-------------------------------------------------------------------------------------------------------------------
tBodyAccJerkstdX
               n   missing    unique      Mean       .05       .10       .25       .50       .75       .90       .95
             180         0       180   -0.5949  -0.99201  -0.98921  -0.98318  -0.81036  -0.22328  -0.01191   0.03843

lowest : -0.9946 -0.9943 -0.9937 -0.9935 -0.9928, highest:  0.1653  0.1989  0.2233  0.2501  0.5443
-------------------------------------------------------------------------------------------------------------------
tBodyAccJerkstdY
                n    missing     unique       Mean        .05        .10        .25        .50        .75        .90
              180          0        180    -0.5654  -0.985101  -0.982450  -0.972399  -0.775640  -0.148331   0.008861
```

```
            .95
 0.083222


lowest : -0.9895 -0.9886 -0.9886 -0.9872 -0.9867, highest:  0.2443  0.2765  0.2881  0.2897  0.3553
-------------------------------------------------------------------------------------------------
tBodyAccJerkstdZ
       n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
     180       0     180   -0.736  -0.9900  -0.9882  -0.9827  -0.8837  -0.5121  -0.3583  -0.3027


lowest : -0.99329 -0.99225 -0.99122 -0.99066 -0.99059
highest: -0.13363 -0.02931 -0.02001 -0.01351  0.03102
-------------------------------------------------------------------------------------------------
tBodyGyrostdX
       n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
     180       0     180  -0.6916  -0.9888  -0.9860  -0.9735  -0.7890  -0.4414  -0.3206  -0.2657


lowest : -0.99428 -0.99287 -0.99196 -0.99103 -0.99033
highest: -0.20494 -0.19921 -0.19830 -0.02644  0.26766
-------------------------------------------------------------------------------------------------
tBodyGyrostdY
         n   missing    unique      Mean        .05        .10        .25        .50        .75        .90
       180         0       180    -0.6533  -0.984292  -0.980495  -0.962933  -0.801684  -0.419584  -0.144750
          .95
 0.006918


lowest : -0.99421 -0.99275 -0.99036 -0.98833 -0.98773
highest:  0.05699  0.08583  0.21383  0.25946  0.47652
-------------------------------------------------------------------------------------------------
tBodyGyrostdZ
        n  missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
      180        0      180   -0.6164  -0.98128  -0.97490  -0.96095  -0.80100  -0.31061  -0.15713  -0.07344


lowest : -0.9855 -0.9851 -0.9848 -0.9839 -0.9834, highest:  0.1597  0.1841  0.3375  0.3562  0.5649
-------------------------------------------------------------------------------------------------
tBodyGyroJerkstdX
       n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
     180       0     180  -0.7036  -0.9933  -0.9914  -0.9800  -0.8396  -0.4629  -0.2676  -0.2166
```

```
lowest : -0.99654 -0.99610 -0.99588 -0.99526 -0.99417
highest: -0.17084 -0.16394  0.03934  0.08012  0.17915
---------------------------------------------------------------------------
tBodyGyroJerkstdY
      n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
    180       0     180  -0.7636  -0.9930  -0.9909  -0.9832  -0.8942  -0.5861  -0.4238  -0.2831

lowest : -0.99708 -0.99557 -0.99553 -0.99532 -0.99514
highest: -0.12755 -0.07045 -0.01463  0.14665  0.29595
---------------------------------------------------------------------------
tBodyGyroJerkstdZ
      n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
    180       0     180  -0.7096  -0.9926  -0.9903  -0.9848  -0.8610  -0.4741  -0.3239  -0.2123

lowest : -0.995381 -0.994909 -0.994465 -0.993841 -0.993760
highest: -0.034422  0.003079  0.091386  0.116646  0.193206
---------------------------------------------------------------------------
tBodyAccMagstd
      n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
    180       0     180  -0.5439  -0.9729  -0.9652  -0.9430  -0.6074  -0.2090   0.1194   0.2059

lowest : -0.9865 -0.9819 -0.9817 -0.9816 -0.9816, highest:  0.2651  0.3532  0.3736  0.4135  0.4284
---------------------------------------------------------------------------
tGravityAccMagstd
      n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
    180       0     180  -0.5439  -0.9729  -0.9652  -0.9430  -0.6074  -0.2090   0.1194   0.2059

lowest : -0.9865 -0.9819 -0.9817 -0.9816 -0.9816, highest:  0.2651  0.3532  0.3736  0.4135  0.4284
---------------------------------------------------------------------------
tBodyAccJerkMagstd
      n  missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
    180        0      180  -0.5842  -0.98922  -0.98654  -0.97655  -0.80138  -0.21726  -0.02524   0.09602

lowest : -0.9946 -0.9931 -0.9914 -0.9912 -0.9905, highest:  0.2095  0.2296  0.2534  0.2921  0.4506
---------------------------------------------------------------------------
tBodyGyroMagstd
      n  missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
    180        0      180  -0.6304  -0.97159  -0.96396  -0.94763  -0.74204  -0.36021  -0.20125  -0.06552
```

```
lowest : -0.98137 -0.98056 -0.97869 -0.97768 -0.97707
highest: -0.02185  0.05400  0.16335  0.23782  0.29998
------------------------------------------------------------------------------
tBodyGyroJerkMagstd
      n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
    180       0     180    -0.755  -0.9922  -0.9903  -0.9805  -0.8809  -0.5767  -0.4368  -0.2755

lowest : -0.99767 -0.99491 -0.99487 -0.99473 -0.99445
highest: -0.11123 -0.09534 -0.04390  0.05949  0.25017
------------------------------------------------------------------------------
fBodyAccstdX
      n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
    180       0     180   -0.5522  -0.9924  -0.9892  -0.9820  -0.7470  -0.1966   0.0508   0.2509

lowest : -0.9966 -0.9960 -0.9956 -0.9949 -0.9947, highest:  0.3366  0.4029  0.4034  0.4663  0.6585
------------------------------------------------------------------------------
fBodyAccstdY
       n  missing   unique     Mean      .05      .10       .25       .50       .75      .90       .95
     180        0      180   -0.4815  -0.97363  -0.96414  -0.94042  -0.51338  -0.07913   0.11519   0.23447

lowest : -0.9907 -0.9867 -0.9846 -0.9843 -0.9833, highest:  0.3248  0.3561  0.4279  0.4384  0.5602
------------------------------------------------------------------------------
fBodyAccstdZ
      n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
    180       0     180   -0.5824  -0.9758  -0.9659  -0.9459  -0.6441  -0.2655  -0.0944   0.0864

lowest : -0.9872 -0.9866 -0.9864 -0.9860 -0.9849, highest:  0.1333  0.1338  0.2031  0.4276  0.6871
------------------------------------------------------------------------------
fBodyAccJerkstdX
       n  missing   unique     Mean      .05      .10       .25       .50       .75       .90       .95
     180        0      180   -0.6121  -0.99255  -0.99005  -0.98472  -0.82539  -0.24753  -0.07147   0.01913

lowest : -0.99507 -0.99461 -0.99422 -0.99412 -0.99368
highest:  0.09084  0.10806  0.15691  0.17266  0.47680
------------------------------------------------------------------------------
fBodyAccJerkstdY
       n   missing    unique      Mean       .05      .10       .25       .50       .75       .90
```

```
      180         0        180    -0.5707 -0.986121 -0.984074 -0.973699 -0.785152 -0.168540 -0.007067
        .95
 0.095277


lowest : -0.9905 -0.9900 -0.9899 -0.9882 -0.9882, highest:  0.2739  0.2931  0.3159  0.3412  0.3498
-------------------------------------------------------------------------------------------------------
fBodyAccJerkstdZ
       n missing  unique    Mean     .05     .10     .25     .50     .75     .90     .95
     180       0     180  -0.7565 -0.9902 -0.9887 -0.9837 -0.8951 -0.5438 -0.4013 -0.3425


lowest : -0.993108 -0.992350 -0.991450 -0.991316 -0.990818
highest: -0.190752 -0.098520 -0.098393 -0.084667 -0.006236
-------------------------------------------------------------------------------------------------------
fBodyGyrostdX
       n missing  unique    Mean     .05     .10     .25     .50     .75     .90     .95
     180       0     180   -0.711 -0.9896 -0.9869 -0.9750 -0.8086 -0.4813 -0.3570 -0.3083


lowest : -0.9947 -0.9930 -0.9926 -0.9913 -0.9910, highest: -0.2784 -0.2534 -0.2343 -0.1084  0.1966
-------------------------------------------------------------------------------------------------------
fBodyGyrostdY
       n missing  unique    Mean     .05     .10     .25     .50     .75     .90     .95
     180       0     180  -0.6454 -0.9835 -0.9789 -0.9602 -0.7964 -0.4154 -0.1482  0.0746


lowest : -0.9944 -0.9922 -0.9896 -0.9873 -0.9871, highest:  0.1515  0.1717  0.2343  0.2866  0.6462
-------------------------------------------------------------------------------------------------------
fBodyGyrostdZ
       n missing  unique    Mean     .05     .10     .25     .50     .75     .90     .95
     180       0     180  -0.6577 -0.9828 -0.9769 -0.9643 -0.8224 -0.3916 -0.2368 -0.1648


lowest : -0.98673 -0.98648 -0.98573 -0.98532 -0.98471
highest:  0.01831  0.09548  0.18279  0.26320  0.52245
-------------------------------------------------------------------------------------------------------
fBodyAccMagstd
         n    missing     unique      Mean        .05        .10        .25        .50        .75
       180          0        180    -0.621 -0.9751406 -0.9676112 -0.9451633 -0.6512629 -0.3654056
        .90        .95
 -0.0737739  0.0005175
```

```
lowest : -0.98765 -0.98231 -0.98225 -0.98223 -0.98160
highest:  0.08286  0.08887  0.14462  0.15312  0.17868
-------------------------------------------------------------------------------
fBodyBodyAccJerkMagstd
        n  missing   unique     Mean       .05      .10      .25      .50      .75      .90      .95
      180        0      180  -0.5992  -0.98858 -0.98630 -0.97520 -0.81262 -0.26682 -0.02227  0.08048

lowest : -0.9944 -0.9925 -0.9910 -0.9903 -0.9903, highest:  0.1583  0.1943  0.2245  0.2275  0.3163
-------------------------------------------------------------------------------
fBodyBodyGyroMagstd
        n missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
      180       0      180  -0.6723  -0.9718  -0.9637  -0.9488  -0.7727  -0.4277  -0.3043  -0.1833

lowest : -0.98147 -0.98125 -0.97847 -0.97744 -0.97726
highest: -0.14160 -0.07433 -0.06148  0.03204  0.23666
-------------------------------------------------------------------------------
fBodyBodyGyroJerkMagstd
        n missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
      180       0      180  -0.7715  -0.9922  -0.9907  -0.9802  -0.8941  -0.6081  -0.4530  -0.3427

lowest : -0.99759 -0.99497 -0.99474 -0.99467 -0.99421
highest: -0.14573 -0.14325 -0.08417 -0.03986  0.28783
-------------------------------------------------------------------------------
tidydata.sub.mean

 89  Variables      180  Observations
-------------------------------------------------------------------------------
X
        n missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
      180       0      180     90.5     9.95    18.90    45.75    90.50   135.25   162.10   171.05

lowest :   1    2    3    4    5, highest: 176 177 178 179 180
-------------------------------------------------------------------------------
subject
        n missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
      180       0       30     15.5      2.0      3.9      8.0     15.5     23.0     27.1     29.0

lowest :  1  2  3  4  5, highest: 26 27 28 29 30
```

```
--------------------------------------------------------------------------------
activity
      n missing  unique
    180       0       6

LAYING (30, 17%), SITTING (30, 17%), STANDING (30, 17%), WALKING (30, 17%)
WALKING_DOWNSTAIRS (30, 17%), WALKING_UPSTAIRS (30, 17%)
--------------------------------------------------------------------------------
tBodyAccmeanX
      n missing  unique    Mean     .05     .10     .25     .50     .75     .90     .95
    180       0     180  0.2743  0.2499  0.2582  0.2712  0.2770  0.2800  0.2887  0.2934

lowest : 0.2216 0.2333 0.2395 0.2421 0.2472, highest: 0.2956 0.2959 0.2961 0.2975 0.3015
--------------------------------------------------------------------------------
tBodyAccmeanY
        n   missing    unique      Mean       .05       .10       .25       .50       .75       .90
      180         0       180  -0.01788 -0.028267 -0.026875 -0.020022 -0.017262 -0.014936 -0.011234
      .95
-0.008478

lowest : -0.040514 -0.032527 -0.032411 -0.032384 -0.031980
highest: -0.006726 -0.005877 -0.005630 -0.003503 -0.001308
--------------------------------------------------------------------------------
tBodyAccmeanZ
        n   missing    unique      Mean       .05       .10       .25       .50       .75       .90       .95
      180         0       180   -0.1092  -0.12523  -0.12131  -0.11207  -0.10819  -0.10443  -0.09975  -0.09723

lowest : -0.15251 -0.15105 -0.14377 -0.13370 -0.13312
highest: -0.09103 -0.08924 -0.08914 -0.08683 -0.07538
--------------------------------------------------------------------------------
tGravityAccmeanX
      n missing  unique    Mean     .05     .10     .25     .50     .75     .90     .95
    180       0     180  0.6975 -0.4726 -0.3480  0.8376  0.9208  0.9425  0.9581  0.9652

lowest : -0.6800 -0.6213 -0.5803 -0.5304 -0.5098, highest:  0.9669  0.9686  0.9691  0.9726  0.9745
--------------------------------------------------------------------------------
tGravityAccmeanY
        n   missing    unique      Mean       .05       .10       .25       .50       .75       .90       .95
```

```
              180         0       180 -0.01621 -0.35671 -0.32299 -0.23319 -0.12782  0.08773  0.63488  0.80303

lowest : -0.4799 -0.4323 -0.4162 -0.3871 -0.3829, highest:  0.8992  0.9152  0.9430  0.9549  0.9566
-----------------------------------------------------------------------------------------------------------
tGravityAccmeanZ
          n  missing    unique      Mean       .05       .10       .25       .50       .75       .90       .95
        180         0       180   0.07413  -0.29482  -0.20865  -0.11726   0.02384   0.14946   0.53276   0.71997

lowest : -0.4951 -0.4225 -0.4036 -0.3926 -0.3791, highest:  0.8454  0.8939  0.9075  0.9188  0.9579
-----------------------------------------------------------------------------------------------------------
tBodyAccJerkmeanX
          n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
        180       0     180  0.07947  0.06275  0.06948  0.07396  0.07640  0.08330  0.09692  0.10370

lowest : 0.04269 0.04286 0.04576 0.05416 0.05610, highest: 0.11066 0.11147 0.11825 0.11894 0.13019
-----------------------------------------------------------------------------------------------------------
tBodyAccJerkmeanY
          n     missing      unique       Mean        .05         .10          .25          .50          .75
        180           0         180    0.007565  -0.0163276  -0.0098247    0.0004664    0.0094698    0.0134008
         .90         .95
    0.0227168   0.0284955

lowest : -0.03869 -0.03802 -0.02140 -0.02106 -0.02069
highest:  0.03671  0.03750  0.03972  0.03999  0.05682
-----------------------------------------------------------------------------------------------------------
tBodyAccJerkmeanZ
          n    missing     unique       Mean         .05         .10          .25          .50          .75          .90
        180          0        180   -0.004953  -0.029383  -0.021055    -0.010601    -0.003861     0.001958     0.007939
         .95
    0.015935

lowest : -0.06746 -0.05134 -0.04556 -0.03944 -0.03601
highest:  0.02082  0.02134  0.02438  0.03167  0.03805
-----------------------------------------------------------------------------------------------------------
tBodyGyromeanX
          n  missing    unique      Mean       .05       .10       .25       .50       .75       .90       .95
        180         0       180  -0.03244  -0.12654  -0.10546  -0.04712  -0.02871  -0.01676   0.02504   0.07186
```

```
lowest : -0.20578 -0.16397 -0.15983 -0.14110 -0.13878
highest:  0.09033  0.09320  0.09579  0.13498  0.19270
-------------------------------------------------------------------------------
tBodyGyromeanY
        n  missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
      180        0      180  -0.07426  -0.13993  -0.11159  -0.08955  -0.07318  -0.06113  -0.03440  -0.01348

lowest : -0.204205 -0.181458 -0.174651 -0.166170 -0.158903
highest:  0.007106  0.013902  0.016215  0.021225  0.027471
-------------------------------------------------------------------------------
tBodyGyromeanZ
        n missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
      180       0      180  0.08744  0.02467  0.05738  0.07475  0.08512  0.10177  0.13868  0.14871

lowest : -0.072455 -0.044138 -0.032556 -0.007793 -0.005468
highest:  0.155920  0.159894  0.163963  0.169720  0.179102
-------------------------------------------------------------------------------
tBodyGyroJerkmeanX
        n  missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
      180        0      180  -0.09606  -0.14100  -0.12280  -0.10322  -0.09868  -0.09110  -0.06470  -0.05142

lowest : -0.15721 -0.15545 -0.14845 -0.14839 -0.14680
highest: -0.03374 -0.02665 -0.02647 -0.02565 -0.02209
-------------------------------------------------------------------------------
tBodyGyroJerkmeanY
        n  missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
      180        0      180  -0.04269  -0.06096  -0.05282  -0.04552  -0.04112  -0.03842  -0.03463  -0.03025

lowest : -0.07681 -0.07406 -0.07360 -0.07198 -0.07083
highest: -0.02755 -0.02077 -0.01898 -0.01411 -0.01320
-------------------------------------------------------------------------------
tBodyGyroJerkmeanZ
        n  missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
      180        0      180   -0.0548  -0.07399  -0.07033  -0.06172  -0.05343  -0.04898  -0.04116  -0.03594

lowest : -0.092500 -0.090300 -0.086790 -0.078947 -0.078844
highest: -0.027046 -0.023633 -0.022348 -0.013724 -0.006941
-------------------------------------------------------------------------------
```

```
tBodyAccMagmean
      n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
    180        0     180  -0.4973  -0.9781  -0.9726  -0.9573  -0.4829  -0.0919   0.1150   0.1920

lowest : -0.9865 -0.9865 -0.9849 -0.9847 -0.9843, highest:  0.2508  0.3204  0.3310  0.3338  0.6446
--------------------------------------------------------------------------------------------------
tGravityAccMagmean
      n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
    180        0     180  -0.4973  -0.9781  -0.9726  -0.9573  -0.4829  -0.0919   0.1150   0.1920

lowest : -0.9865 -0.9865 -0.9849 -0.9847 -0.9843, highest:  0.2508  0.3204  0.3310  0.3338  0.6446
--------------------------------------------------------------------------------------------------
tBodyAccJerkMagmean
      n  missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
    180        0      180   -0.6079  -0.98956  -0.98782  -0.98074  -0.81678  -0.24561  -0.08853  -0.01680

lowest : -0.9928 -0.9927 -0.9924 -0.9917 -0.9909, highest:  0.1038  0.1095  0.1130  0.2626  0.4345
--------------------------------------------------------------------------------------------------
tBodyGyroMagmean
      n  missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
    180        0      180   -0.5652  -0.96868  -0.96305  -0.94613  -0.65508  -0.21589  -0.06758   0.04386

lowest : -0.9807 -0.9807 -0.9800 -0.9782 -0.9776, highest:  0.1000  0.1663  0.1664  0.3658  0.4180
--------------------------------------------------------------------------------------------------
tBodyGyroJerkMagmean
      n missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
    180        0      180  -0.7364  -0.9937  -0.9922  -0.9852  -0.8648  -0.5119  -0.3690  -0.2944

lowest : -0.99732 -0.99633 -0.99539 -0.99497 -0.99487
highest: -0.12619 -0.08294 -0.04631  0.01153  0.08758
--------------------------------------------------------------------------------------------------
fBodyAccmeanX
      n  missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
    180        0      180   -0.5758  -0.99063  -0.98827  -0.97869  -0.76909  -0.21744   0.02467   0.10464

lowest : -0.9952 -0.9950 -0.9940 -0.9938 -0.9931, highest:  0.2054  0.2157  0.2353  0.3283  0.5370
--------------------------------------------------------------------------------------------------
fBodyAccmeanY
```

```
            n  missing   unique      Mean      .05      .10      .25      .50      .75      .90      .95
          180        0      180   -0.4887 -0.97429 -0.96813 -0.95361 -0.59498 -0.06341  0.11371  0.22765

lowest : -0.9890 -0.9849 -0.9837 -0.9829 -0.9821, highest:  0.3715  0.3884  0.4035  0.4945  0.5242
-------------------------------------------------------------------------------------------------------
fBodyAccmeanZ
            n  missing   unique      Mean      .05      .10      .25      .50      .75      .90      .95
          180        0      180   -0.6297 -0.98305 -0.97492 -0.96195 -0.72360 -0.31834 -0.17701 -0.07283

lowest : -0.9895 -0.9886 -0.9877 -0.9874 -0.9853, highest:  0.1107  0.1596  0.1917  0.2805  0.2807
-------------------------------------------------------------------------------------------------------
fBodyAccmeanFreqX
            n  missing   unique      Mean      .05      .10      .25      .50      .75      .90      .95
          180        0      180   -0.2323 -0.51706 -0.46146 -0.39165 -0.25731 -0.06105  0.03466  0.08526

lowest : -0.6359 -0.5934 -0.5903 -0.5546 -0.5514, highest:  0.1053  0.1085  0.1287  0.1378  0.1591
-------------------------------------------------------------------------------------------------------
fBodyAccmeanFreqY
            n  missing   unique       Mean        .05        .10        .25        .50        .75        .90
          180        0      180    0.01153  -0.224031  -0.160957  -0.081314   0.007855   0.086281   0.201857
         .95
     0.264956

lowest : -0.3795 -0.3665 -0.3338 -0.2717 -0.2494, highest:  0.3098  0.3283  0.3484  0.3662  0.4665
-------------------------------------------------------------------------------------------------------
fBodyAccmeanFreqZ
            n  missing   unique      Mean      .05      .10      .25      .50      .75      .90      .95
          180        0      180    0.04372 -0.28542 -0.21541 -0.03629  0.06582  0.17542  0.24522  0.29881

lowest : -0.5201 -0.5128 -0.5122 -0.4865 -0.4635, highest:  0.3348  0.3519  0.3601  0.3746  0.4025
-------------------------------------------------------------------------------------------------------
fBodyAccJerkmeanX
            n  missing   unique      Mean        .05        .10        .25        .50        .75        .90
          180        0      180   -0.6139  -0.992031  -0.989238  -0.982838  -0.812641  -0.281954  -0.038246
         .95
    -0.004982

lowest : -0.9946 -0.9945 -0.9937 -0.9934 -0.9927, highest:  0.1381  0.1814  0.2015  0.2148  0.4743
```

```
-------------------------------------------------------------------------------
fBodyAccJerkmeanY
      n  missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
    180        0      180  -0.5882 -0.98524 -0.98217 -0.97254 -0.78166 -0.19631 -0.05551  0.03334

lowest : -0.9894 -0.9883 -0.9882 -0.9871 -0.9863, highest:  0.1600  0.1648  0.2058  0.2206  0.2767
-------------------------------------------------------------------------------
fBodyAccJerkmeanZ
      n missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
    180       0      180  -0.7144  -0.9881  -0.9861  -0.9796  -0.8707  -0.4697  -0.2962  -0.2419

lowest : -0.99202 -0.99075 -0.98956 -0.98912 -0.98883
highest: -0.05720 -0.02488  0.05861  0.05959  0.15778
-------------------------------------------------------------------------------
fBodyAccJerkmeanFreqX
      n  missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
    180        0      180  -0.0691 -0.43962 -0.39135 -0.28966 -0.06091  0.17660  0.24046  0.26816

lowest : -0.5760 -0.5213 -0.5086 -0.4750 -0.4509, highest:  0.3033  0.3055  0.3122  0.3142  0.3314
-------------------------------------------------------------------------------
fBodyAccJerkmeanFreqY
      n  missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
    180        0      180  -0.2281 -0.53414 -0.47834 -0.39751 -0.23209 -0.04721  0.02905  0.07406

lowest : -0.60197 -0.58602 -0.57701 -0.55909 -0.55341
highest:  0.09874  0.12121  0.12704  0.13473  0.19568
-------------------------------------------------------------------------------
fBodyAccJerkmeanFreqZ
      n  missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
    180        0      180  -0.1376 -0.51252 -0.44687 -0.30867 -0.09187  0.03858  0.09244  0.12163

lowest : -0.6276 -0.6262 -0.6124 -0.5528 -0.5511, highest:  0.1488  0.1652  0.1669  0.1906  0.2301
-------------------------------------------------------------------------------
fBodyGyromeanX
      n missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
    180       0      180  -0.6367  -0.9870  -0.9834  -0.9697  -0.7300  -0.3387  -0.1954  -0.1254

lowest : -0.99312 -0.99244 -0.99014 -0.98996 -0.98841
```

```
highest: -0.06296 -0.03000  0.06337  0.22814  0.47496
-------------------------------------------------------------------------------
fBodyGyromeanY
       n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
     180       0     180   -0.6767  -0.9862  -0.9831  -0.9700  -0.8141  -0.4458  -0.2157  -0.1028

lowest : -0.9940 -0.9937 -0.9916 -0.9903 -0.9890, highest:  0.1161  0.1187  0.1471  0.1956  0.3288
-------------------------------------------------------------------------------
fBodyGyromeanZ
       n  missing    unique      Mean       .05       .10       .25       .50       .75       .90
     180        0       180    -0.6044  -0.980874 -0.975842 -0.962424 -0.790931 -0.263481 -0.130501
        .95
-0.008592

lowest : -0.9860 -0.9860 -0.9850 -0.9842 -0.9837, highest:  0.1660  0.1967  0.2107  0.2570  0.4924
-------------------------------------------------------------------------------
fBodyGyromeanFreqX
       n  missing    unique      Mean       .05       .10       .25       .50       .75       .90
     180        0       180    -0.1046  -0.329563 -0.285349 -0.213363 -0.115527  0.002655  0.109375
        .95
 0.138729

lowest : -0.3958 -0.3935 -0.3912 -0.3897 -0.3806, highest:  0.1892  0.2134  0.2141  0.2359  0.2492
-------------------------------------------------------------------------------
fBodyGyromeanFreqY
       n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
     180       0     180   -0.1674 -0.47363 -0.38508 -0.29433 -0.15794 -0.04269  0.06844  0.10152

lowest : -0.6668 -0.6427 -0.6355 -0.5491 -0.5269, highest:  0.1511  0.1665  0.2006  0.2322  0.2731
-------------------------------------------------------------------------------
fBodyGyromeanFreqZ
       n  missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
     180       0     180   -0.05718 -0.34626 -0.25298 -0.15481 -0.05081  0.04152  0.14790  0.21166

lowest : -0.5075 -0.5016 -0.4837 -0.4301 -0.4198, highest:  0.2662  0.2892  0.3029  0.3030  0.3771
-------------------------------------------------------------------------------
fBodyAccMagmean
       n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
```

```
        180         0      180 -0.5365 -0.9752 -0.9724 -0.9560 -0.6703 -0.1622  0.1142  0.2202

lowest : -0.9868 -0.9868 -0.9854 -0.9848 -0.9845, highest:  0.3312  0.3648  0.3960  0.4719  0.5866
-------------------------------------------------------------------------------
fBodyAccMagmeanFreq
        n  missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
       180         0      180  0.07613 -0.14537 -0.10252 -0.01475  0.08132  0.17436  0.25239  0.29429

lowest : -0.3123 -0.2733 -0.2416 -0.2186 -0.1844, highest:  0.3686  0.3687  0.3821  0.3932  0.4358
-------------------------------------------------------------------------------
fBodyBodyAccJerkMagmean
        n  missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
       180         0      180  -0.5756 -0.98879 -0.98590 -0.97697 -0.79405 -0.18723  0.01115  0.07877

lowest : -0.9940 -0.9925 -0.9914 -0.9904 -0.9902, highest:  0.2222  0.2438  0.3315  0.3350  0.5384
-------------------------------------------------------------------------------
fBodyBodyAccJerkMagmeanFreq
        n  missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
       180         0      180   0.1625 -0.04911 -0.01200  0.04527  0.17198  0.27593  0.34494  0.36168

lowest : -0.12521 -0.11716 -0.11288 -0.08901 -0.08457
highest:  0.40510  0.42222  0.42685  0.45909  0.48809
-------------------------------------------------------------------------------
fBodyBodyGyroMagmean
      n missing  unique    Mean     .05     .10     .25     .50     .75     .90     .95
     180       0     180 -0.6671 -0.9799 -0.9743 -0.9616 -0.7657 -0.4087 -0.2643 -0.1003

lowest : -0.9865352 -0.9846176 -0.9843291 -0.9842911 -0.9840013
highest: -0.0003627  0.0488589  0.1508257  0.1850782  0.2039798
-------------------------------------------------------------------------------
fBodyBodyGyroMagmeanFreq
        n  missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
       180         0      180 -0.03603 -0.31020 -0.25986 -0.16951 -0.05352  0.08228  0.21696  0.29347

lowest : -0.4566 -0.4145 -0.3999 -0.3828 -0.3780, highest:  0.3515  0.3516  0.3856  0.4027  0.4095
-------------------------------------------------------------------------------
fBodyBodyGyroJerkMagmean
        n missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
```

```
      180         0       180 -0.7564 -0.9924 -0.9905 -0.9813 -0.8779 -0.5831 -0.4450 -0.2662


lowest : -0.99762 -0.99520 -0.99506 -0.99482 -0.99481
highest: -0.13271 -0.12518 -0.02290  0.07468  0.14662
--------------------------------------------------------------------------------
fBodyBodyGyroJerkMagmeanFreq
          n   missing    unique      Mean        .05        .10        .25        .50        .75
        180         0       180    0.1259 -0.0511660  0.0007689  0.0542316  0.1115607  0.2080516
        .90        .95
  0.2604932  0.3081322


lowest : -0.1829 -0.1338 -0.1317 -0.1124 -0.1013, highest:  0.3397  0.3440  0.3483  0.3587  0.4263
--------------------------------------------------------------------------------
angletBodyAccMean.gravity
        n   missing    unique      Mean        .05        .10        .25        .50        .75        .90
      180         0       180  0.006556 -0.056502 -0.035125 -0.011012  0.007878  0.024393  0.054091
      .95
 0.068359


lowest : -0.16304 -0.13314 -0.11228 -0.10972 -0.07871
highest:  0.07678  0.09465  0.09609  0.11029  0.12915
--------------------------------------------------------------------------------
angletBodyAccJerkMean.gravityMean
          n   missing    unique      Mean        .05        .10        .25        .50        .75        .90
        180         0       180 0.0006439 -0.076317 -0.052781 -0.021169  0.003136  0.022088  0.043018
      .95
 0.068163


lowest : -0.12055 -0.11947 -0.10271 -0.09793 -0.09212
highest:  0.08993  0.09714  0.10642  0.11518  0.20326
--------------------------------------------------------------------------------
angletBodyGyroMean.gravityMean
        n  missing    unique      Mean        .05        .10        .25        .50        .75        .90        .95
      180        0       180   0.02193 -0.26310 -0.14296 -0.01977  0.02087  0.06460  0.17814  0.29800


lowest : -0.3893 -0.3664 -0.3216 -0.3129 -0.3115, highest:  0.3460  0.3536  0.3666  0.3807  0.4441
--------------------------------------------------------------------------------
angletBodyGyroJerkMean.gravityMean
```

```
          n  missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
        180        0      180  -0.01137  -0.12866  -0.09473  -0.05613  -0.01602   0.03200   0.07113   0.11253

lowest : -0.2237 -0.2206 -0.2071 -0.1685 -0.1657, highest:  0.1536  0.1653  0.1679  0.1752  0.1824
-------------------------------------------------------------------------------------------------------------
angleX.gravityMean
          n missing  unique     Mean      .05       .10       .25       .50       .75       .90       .95
        180       0     180  -0.5243  -0.8657  -0.8525  -0.7907  -0.7377  -0.5823   0.5023   0.5901

lowest : -0.9471 -0.9307 -0.9235 -0.9171 -0.8964, highest:  0.6174  0.6320  0.6689  0.6957  0.7378
-------------------------------------------------------------------------------------------------------------
angleY.gravityMean
          n  missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
        180        0      180   0.07865  -0.55827  -0.42891   0.02191   0.17136   0.24343   0.31163   0.33095

lowest : -0.8746 -0.8253 -0.8131 -0.7632 -0.7194, highest:  0.3470  0.3529  0.3737  0.3868  0.4248
-------------------------------------------------------------------------------------------------------------
angleZ.gravityMean
          n   missing    unique      Mean        .05        .10        .25        .50        .75        .90
        180         0       180   -0.04044  -0.557347  -0.417199  -0.083912   0.005079   0.106190   0.169553
        .95
   0.232717

lowest : -0.8736 -0.8086 -0.7818 -0.7565 -0.6888, highest:  0.2935  0.3038  0.3121  0.3251  0.3904
-------------------------------------------------------------------------------------------------------------
tBodyAccstdX
          n   missing    unique      Mean        .05        .10        .25        .50        .75        .90        .95
        180         0       180    -0.5577   -0.99190   -0.98896   -0.97987   -0.75256   -0.19838    0.04834    0.18870

lowest : -0.9961 -0.9958 -0.9950 -0.9944 -0.9943, highest:  0.2957  0.3486  0.3837  0.4065  0.6269
-------------------------------------------------------------------------------------------------------------
tBodyAccstdY
          n  missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
        180        0      180   -0.4605  -0.97320  -0.96331  -0.94205  -0.50897  -0.03077   0.16543   0.30163

lowest : -0.9902 -0.9862 -0.9837 -0.9832 -0.9831, highest:  0.3789  0.3808  0.4898  0.5148  0.6169
-------------------------------------------------------------------------------------------------------------
tBodyAccstdZ
```

```
                n   missing    unique      Mean        .05        .10        .25        .50        .75        .90        .95
              180         0       180    -0.5756   -0.97768   -0.96785   -0.94981   -0.65176   -0.23064   -0.07367    0.05427

lowest : -0.9877 -0.9873 -0.9866 -0.9864 -0.9847, highest:  0.1596  0.1642  0.2299  0.4516  0.6090
-----------------------------------------------------------------------------------------------------
tGravityAccstdX
                n missing    unique      Mean        .05        .10        .25        .50        .75        .90        .95
              180       0       180    -0.9638    -0.9928    -0.9892    -0.9825    -0.9695    -0.9509    -0.9343    -0.9211

lowest : -0.9968 -0.9964 -0.9945 -0.9943 -0.9940, highest: -0.8997 -0.8968 -0.8877 -0.8621 -0.8296
-----------------------------------------------------------------------------------------------------
tGravityAccstdY
                n missing    unique      Mean        .05        .10        .25        .50        .75        .90        .95
              180       0       180    -0.9524    -0.9861    -0.9812    -0.9711    -0.9590    -0.9370    -0.9186    -0.9104

lowest : -0.9942 -0.9941 -0.9937 -0.9935 -0.9908, highest: -0.9039 -0.9013 -0.9010 -0.9005 -0.6436
-----------------------------------------------------------------------------------------------------
tGravityAccstdZ
                n missing    unique      Mean        .05        .10        .25        .50        .75        .90        .95
              180       0       180    -0.9364    -0.9833    -0.9762    -0.9605    -0.9450    -0.9180    -0.8941    -0.8761

lowest : -0.9910 -0.9894 -0.9891 -0.9888 -0.9858, highest: -0.8624 -0.8588 -0.8524 -0.8369 -0.6102
-----------------------------------------------------------------------------------------------------
tBodyAccJerkstdX
                n   missing    unique      Mean        .05        .10        .25        .50        .75        .90        .95
              180         0       180    -0.5949   -0.99201   -0.98921   -0.98318   -0.81036   -0.22328   -0.01191    0.03843

lowest : -0.9946 -0.9943 -0.9937 -0.9935 -0.9928, highest:  0.1653  0.1989  0.2233  0.2501  0.5443
-----------------------------------------------------------------------------------------------------
tBodyAccJerkstdY
                n   missing    unique      Mean        .05        .10        .25        .50        .75        .90
              180         0       180    -0.5654  -0.985101  -0.982450  -0.972399  -0.775640  -0.148331   0.008861
      .95
 0.083222

lowest : -0.9895 -0.9886 -0.9886 -0.9872 -0.9867, highest:  0.2443  0.2765  0.2881  0.2897  0.3553
-----------------------------------------------------------------------------------------------------
tBodyAccJerkstdZ
```

```
          n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
        180       0     180   -0.736  -0.9900  -0.9882  -0.9827  -0.8837  -0.5121  -0.3583  -0.3027

lowest : -0.99329 -0.99225 -0.99122 -0.99066 -0.99059
highest: -0.13363 -0.02931 -0.02001 -0.01351  0.03102
----------------------------------------------------------------------------------------------------
tBodyGyrostdX
          n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
        180       0     180  -0.6916  -0.9888  -0.9860  -0.9735  -0.7890  -0.4414  -0.3206  -0.2657

lowest : -0.99428 -0.99287 -0.99196 -0.99103 -0.99033
highest: -0.20494 -0.19921 -0.19830 -0.02644  0.26766
----------------------------------------------------------------------------------------------------
tBodyGyrostdY
          n   missing    unique      Mean        .05        .10        .25        .50        .75        .90
        180         0       180    -0.6533  -0.984292  -0.980495  -0.962933  -0.801684  -0.419584  -0.144750
          .95
     0.006918

lowest : -0.99421 -0.99275 -0.99036 -0.98833 -0.98773
highest:  0.05699  0.08583  0.21383  0.25946  0.47652
----------------------------------------------------------------------------------------------------
tBodyGyrostdZ
          n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
        180       0     180  -0.6164  -0.98128  -0.97490  -0.96095  -0.80100  -0.31061  -0.15713  -0.07344

lowest : -0.9855 -0.9851 -0.9848 -0.9839 -0.9834, highest:  0.1597  0.1841  0.3375  0.3562  0.5649
----------------------------------------------------------------------------------------------------
tBodyGyroJerkstdX
          n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
        180       0     180  -0.7036  -0.9933  -0.9914  -0.9800  -0.8396  -0.4629  -0.2676  -0.2166

lowest : -0.99654 -0.99610 -0.99588 -0.99526 -0.99417
highest: -0.17084 -0.16394  0.03934  0.08012  0.17915
----------------------------------------------------------------------------------------------------
tBodyGyroJerkstdY
          n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
        180       0     180  -0.7636  -0.9930  -0.9909  -0.9832  -0.8942  -0.5861  -0.4238  -0.2831
```

```
lowest : -0.99708 -0.99557 -0.99553 -0.99532 -0.99514
highest: -0.12755 -0.07045 -0.01463  0.14665  0.29595
-----------------------------------------------------------------------------------------------
tBodyGyroJerkstdZ
       n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
     180        0     180  -0.7096  -0.9926  -0.9903  -0.9848  -0.8610  -0.4741  -0.3239  -0.2123

lowest : -0.995381 -0.994909 -0.994465 -0.993841 -0.993760
highest: -0.034422  0.003079  0.091386  0.116646  0.193206
-----------------------------------------------------------------------------------------------
tBodyAccMagstd
       n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
     180        0     180  -0.5439  -0.9729  -0.9652  -0.9430  -0.6074  -0.2090   0.1194   0.2059

lowest : -0.9865 -0.9819 -0.9817 -0.9816 -0.9816, highest:  0.2651  0.3532  0.3736  0.4135  0.4284
-----------------------------------------------------------------------------------------------
tGravityAccMagstd
       n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
     180        0     180  -0.5439  -0.9729  -0.9652  -0.9430  -0.6074  -0.2090   0.1194   0.2059

lowest : -0.9865 -0.9819 -0.9817 -0.9816 -0.9816, highest:  0.2651  0.3532  0.3736  0.4135  0.4284
-----------------------------------------------------------------------------------------------
tBodyAccJerkMagstd
       n  missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
     180        0      180   -0.5842  -0.98922  -0.98654  -0.97655  -0.80138  -0.21726  -0.02524   0.09602

lowest : -0.9946 -0.9931 -0.9914 -0.9912 -0.9905, highest:  0.2095  0.2296  0.2534  0.2921  0.4506
-----------------------------------------------------------------------------------------------
tBodyGyroMagstd
       n  missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
     180        0      180   -0.6304  -0.97159  -0.96396  -0.94763  -0.74204  -0.36021  -0.20125  -0.06552

lowest : -0.98137 -0.98056 -0.97869 -0.97768 -0.97707
highest: -0.02185  0.05400  0.16335  0.23782  0.29998
-----------------------------------------------------------------------------------------------
tBodyGyroJerkMagstd
       n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
```

```
     180        0     180  -0.755 -0.9922 -0.9903 -0.9805 -0.8809 -0.5767 -0.4368 -0.2755

lowest : -0.99767 -0.99491 -0.99487 -0.99473 -0.99445
highest: -0.11123 -0.09534 -0.04390  0.05949  0.25017
-----------------------------------------------------------------------------------------
fBodyAccstdX
       n missing  unique    Mean      .05     .10      .25      .50      .75      .90      .95
     180        0     180 -0.5522 -0.9924 -0.9892 -0.9820 -0.7470 -0.1966  0.0508  0.2509

lowest : -0.9966 -0.9960 -0.9956 -0.9949 -0.9947, highest:  0.3366  0.4029  0.4034  0.4663  0.6585
-----------------------------------------------------------------------------------------
fBodyAccstdY
        n  missing   unique     Mean       .05      .10       .25       .50       .75       .90       .95
      180        0      180  -0.4815 -0.97363 -0.96414 -0.94042 -0.51338 -0.07913  0.11519  0.23447

lowest : -0.9907 -0.9867 -0.9846 -0.9843 -0.9833, highest:  0.3248  0.3561  0.4279  0.4384  0.5602
-----------------------------------------------------------------------------------------
fBodyAccstdZ
        n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
      180       0     180 -0.5824 -0.9758 -0.9659 -0.9459 -0.6441 -0.2655 -0.0944  0.0864

lowest : -0.9872 -0.9866 -0.9864 -0.9860 -0.9849, highest:  0.1333  0.1338  0.2031  0.4276  0.6871
-----------------------------------------------------------------------------------------
fBodyAccJerkstdX
        n  missing   unique    Mean       .05      .10       .25       .50       .75       .90       .95
      180        0      180  -0.6121 -0.99255 -0.99005 -0.98472 -0.82539 -0.24753 -0.07147  0.01913

lowest : -0.99507 -0.99461 -0.99422 -0.99412 -0.99368
highest:  0.09084  0.10806  0.15691  0.17266  0.47680
-----------------------------------------------------------------------------------------
fBodyAccJerkstdY
        n   missing    unique     Mean       .05       .10       .25       .50        .75        .90
      180         0      180    -0.5707 -0.986121 -0.984074 -0.973699 -0.785152 -0.168540 -0.007067
      .95
  0.095277

lowest : -0.9905 -0.9900 -0.9899 -0.9882 -0.9882, highest:  0.2739  0.2931  0.3159  0.3412  0.3498
-----------------------------------------------------------------------------------------
```

```
fBodyAccJerkstdZ
      n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
    180       0     180  -0.7565  -0.9902  -0.9887  -0.9837  -0.8951  -0.5438  -0.4013  -0.3425

lowest : -0.993108 -0.992350 -0.991450 -0.991316 -0.990818
highest: -0.190752 -0.098520 -0.098393 -0.084667 -0.006236
--------------------------------------------------------------------------------------------
fBodyGyrostdX
      n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
    180       0     180   -0.711  -0.9896  -0.9869  -0.9750  -0.8086  -0.4813  -0.3570  -0.3083

lowest : -0.9947 -0.9930 -0.9926 -0.9913 -0.9910, highest: -0.2784 -0.2534 -0.2343 -0.1084  0.1966
--------------------------------------------------------------------------------------------
fBodyGyrostdY
      n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
    180       0     180  -0.6454  -0.9835  -0.9789  -0.9602  -0.7964  -0.4154  -0.1482   0.0746

lowest : -0.9944 -0.9922 -0.9896 -0.9873 -0.9871, highest:  0.1515  0.1717  0.2343  0.2866  0.6462
--------------------------------------------------------------------------------------------
fBodyGyrostdZ
      n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
    180       0     180  -0.6577  -0.9828  -0.9769  -0.9643  -0.8224  -0.3916  -0.2368  -0.1648

lowest : -0.98673 -0.98648 -0.98573 -0.98532 -0.98471
highest:  0.01831  0.09548  0.18279  0.26320  0.52245
--------------------------------------------------------------------------------------------
fBodyAccMagstd
        n    missing     unique      Mean        .05        .10        .25        .50        .75
      180          0        180    -0.621  -0.9751406  -0.9676112  -0.9451633  -0.6512629  -0.3654056
      .90        .95
-0.0737739  0.0005175

lowest : -0.98765 -0.98231 -0.98225 -0.98223 -0.98160
highest:  0.08286  0.08887  0.14462  0.15312  0.17868
--------------------------------------------------------------------------------------------
fBodyBodyAccJerkMagstd
      n  missing   unique    Mean      .05      .10      .25      .50      .75      .90      .95
    180        0      180  -0.5992  -0.98858  -0.98630  -0.97520  -0.81262  -0.26682  -0.02227   0.08048
```

```
lowest : -0.9944 -0.9925 -0.9910 -0.9903 -0.9903, highest:  0.1583  0.1943  0.2245  0.2275  0.3163
--------------------------------------------------------------------------------------------------
fBodyBodyGyroMagstd
        n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
      180        0     180  -0.6723  -0.9718  -0.9637  -0.9488  -0.7727  -0.4277  -0.3043  -0.1833

lowest : -0.98147 -0.98125 -0.97847 -0.97744 -0.97726
highest: -0.14160 -0.07433 -0.06148  0.03204  0.23666
--------------------------------------------------------------------------------------------------
fBodyBodyGyroJerkMagstd
        n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
      180        0     180  -0.7715  -0.9922  -0.9907  -0.9802  -0.8941  -0.6081  -0.4530  -0.3427

lowest : -0.99759 -0.99497 -0.99474 -0.99467 -0.99421
highest: -0.14573 -0.14325 -0.08417 -0.03986  0.28783
--------------------------------------------------------------------------------------------------
tidydata.sub.mean

 89  Variables      180  Observations
--------------------------------------------------------------------------------------------------
X
        n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
      180        0     180    90.5     9.95    18.90    45.75    90.50   135.25   162.10   171.05

lowest :   1    2    3    4    5, highest: 176 177 178 179 180
--------------------------------------------------------------------------------------------------
subject
        n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
      180        0      30    15.5      2.0      3.9      8.0     15.5     23.0     27.1     29.0

lowest :  1  2  3  4  5, highest: 26 27 28 29 30
--------------------------------------------------------------------------------------------------
activity
        n missing  unique
      180        0       6

LAYING (30, 17%), SITTING (30, 17%), STANDING (30, 17%), WALKING (30, 17%)
```

```
WALKING_DOWNSTAIRS (30, 17%), WALKING_UPSTAIRS (30, 17%)
------------------------------------------------------------------------------------------------
tBodyAccmeanX
       n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
     180        0     180  0.2743   0.2499   0.2582   0.2712   0.2770   0.2800   0.2887   0.2934

lowest : 0.2216 0.2333 0.2395 0.2421 0.2472, highest: 0.2956 0.2959 0.2961 0.2975 0.3015
------------------------------------------------------------------------------------------------
tBodyAccmeanY
        n   missing    unique     Mean       .05       .10       .25       .50       .75       .90
      180         0       180  -0.01788 -0.028267 -0.026875 -0.020022 -0.017262 -0.014936 -0.011234
       .95
-0.008478

lowest : -0.040514 -0.032527 -0.032411 -0.032384 -0.031980
highest: -0.006726 -0.005877 -0.005630 -0.003503 -0.001308
------------------------------------------------------------------------------------------------
tBodyAccmeanZ
        n  missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
      180        0      180   -0.1092  -0.12523  -0.12131  -0.11207  -0.10819  -0.10443  -0.09975  -0.09723

lowest : -0.15251 -0.15105 -0.14377 -0.13370 -0.13312
highest: -0.09103 -0.08924 -0.08914 -0.08683 -0.07538
------------------------------------------------------------------------------------------------
tGravityAccmeanX
       n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
     180        0     180  0.6975  -0.4726  -0.3480   0.8376   0.9208   0.9425   0.9581   0.9652

lowest : -0.6800 -0.6213 -0.5803 -0.5304 -0.5098, highest:  0.9669  0.9686  0.9691  0.9726  0.9745
------------------------------------------------------------------------------------------------
tGravityAccmeanY
        n   missing    unique     Mean      .05      .10      .25      .50      .75      .90      .95
      180         0       180  -0.01621 -0.35671 -0.32299 -0.23319 -0.12782  0.08773  0.63488  0.80303

lowest : -0.4799 -0.4323 -0.4162 -0.3871 -0.3829, highest:  0.8992  0.9152  0.9430  0.9549  0.9566
------------------------------------------------------------------------------------------------
tGravityAccmeanZ
        n   missing    unique     Mean      .05      .10      .25      .50      .75      .90      .95
```

```
       180          0          180   0.07413 -0.29482 -0.20865 -0.11726  0.02384  0.14946  0.53276  0.71997

lowest : -0.4951 -0.4225 -0.4036 -0.3926 -0.3791, highest:  0.8454  0.8939  0.9075  0.9188  0.9579
-----------------------------------------------------------------------------------------------------
tBodyAccJerkmeanX
       n missing  unique    Mean     .05      .10      .25      .50      .75      .90      .95
     180       0     180 0.07947 0.06275 0.06948 0.07396 0.07640 0.08330 0.09692 0.10370

lowest : 0.04269 0.04286 0.04576 0.05416 0.05610, highest: 0.11066 0.11147 0.11825 0.11894 0.13019
-----------------------------------------------------------------------------------------------------
tBodyAccJerkmeanY
         n    missing     unique      Mean        .05         .10         .25         .50         .75
       180          0        180   0.007565 -0.0163276 -0.0098247  0.0004664  0.0094698  0.0134008
       .90        .95
 0.0227168  0.0284955

lowest : -0.03869 -0.03802 -0.02140 -0.02106 -0.02069
highest:  0.03671  0.03750  0.03972  0.03999  0.05682
-----------------------------------------------------------------------------------------------------
tBodyAccJerkmeanZ
         n    missing     unique      Mean        .05         .10         .25         .50         .75         .90
       180          0        180   -0.004953 -0.029383 -0.021055 -0.010601 -0.003861  0.001958  0.007939
       .95
 0.015935

lowest : -0.06746 -0.05134 -0.04556 -0.03944 -0.03601
highest:  0.02082  0.02134  0.02438  0.03167  0.03805
-----------------------------------------------------------------------------------------------------
tBodyGyromeanX
         n missing  unique    Mean     .05      .10      .25      .50      .75      .90      .95
       180       0     180 -0.03244 -0.12654 -0.10546 -0.04712 -0.02871 -0.01676  0.02504  0.07186

lowest : -0.20578 -0.16397 -0.15983 -0.14110 -0.13878
highest:  0.09033  0.09320  0.09579  0.13498  0.19270
-----------------------------------------------------------------------------------------------------
tBodyGyromeanY
         n missing  unique    Mean     .05      .10      .25      .50      .75      .90      .95
       180       0     180 -0.07426 -0.13993 -0.11159 -0.08955 -0.07318 -0.06113 -0.03440 -0.01348
```

```
lowest : -0.204205 -0.181458 -0.174651 -0.166170 -0.158903
highest:  0.007106  0.013902  0.016215  0.021225  0.027471
-------------------------------------------------------------------------------
tBodyGyromeanZ
       n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
     180       0     180 0.08744 0.02467 0.05738 0.07475 0.08512 0.10177 0.13868 0.14871

lowest : -0.072455 -0.044138 -0.032556 -0.007793 -0.005468
highest:  0.155920  0.159894  0.163963  0.169720  0.179102
-------------------------------------------------------------------------------
tBodyGyroJerkmeanX
       n  missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
     180        0     180 -0.09606 -0.14100 -0.12280 -0.10322 -0.09868 -0.09110 -0.06470 -0.05142

lowest : -0.15721 -0.15545 -0.14845 -0.14839 -0.14680
highest: -0.03374 -0.02665 -0.02647 -0.02565 -0.02209
-------------------------------------------------------------------------------
tBodyGyroJerkmeanY
       n  missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
     180        0     180 -0.04269 -0.06096 -0.05282 -0.04552 -0.04112 -0.03842 -0.03463 -0.03025

lowest : -0.07681 -0.07406 -0.07360 -0.07198 -0.07083
highest: -0.02755 -0.02077 -0.01898 -0.01411 -0.01320
-------------------------------------------------------------------------------
tBodyGyroJerkmeanZ
       n  missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
     180        0     180  -0.0548 -0.07399 -0.07033 -0.06172 -0.05343 -0.04898 -0.04116 -0.03594

lowest : -0.092500 -0.090300 -0.086790 -0.078947 -0.078844
highest: -0.027046 -0.023633 -0.022348 -0.013724 -0.006941
-------------------------------------------------------------------------------
tBodyAccMagmean
       n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
     180       0     180 -0.4973 -0.9781 -0.9726 -0.9573 -0.4829 -0.0919  0.1150  0.1920

lowest : -0.9865 -0.9865 -0.9849 -0.9847 -0.9843, highest:  0.2508  0.3204  0.3310  0.3338  0.6446
-------------------------------------------------------------------------------
```

```
tGravityAccMagmean
      n missing  unique    Mean     .05     .10     .25     .50     .75     .90     .95
    180       0     180  -0.4973 -0.9781 -0.9726 -0.9573 -0.4829 -0.0919  0.1150  0.1920

lowest : -0.9865 -0.9865 -0.9849 -0.9847 -0.9843, highest:  0.2508  0.3204  0.3310  0.3338  0.6446
-------------------------------------------------------------------------------------------------
tBodyAccJerkMagmean
       n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
     180       0     180  -0.6079 -0.98956 -0.98782 -0.98074 -0.81678 -0.24561 -0.08853 -0.01680

lowest : -0.9928 -0.9927 -0.9924 -0.9917 -0.9909, highest:  0.1038  0.1095  0.1130  0.2626  0.4345
-------------------------------------------------------------------------------------------------
tBodyGyroMagmean
       n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
     180       0     180  -0.5652 -0.96868 -0.96305 -0.94613 -0.65508 -0.21589 -0.06758  0.04386

lowest : -0.9807 -0.9807 -0.9800 -0.9782 -0.9776, highest:  0.1000  0.1663  0.1664  0.3658  0.4180
-------------------------------------------------------------------------------------------------
tBodyGyroJerkMagmean
       n missing  unique    Mean     .05     .10     .25     .50     .75     .90     .95
     180       0     180  -0.7364 -0.9937 -0.9922 -0.9852 -0.8648 -0.5119 -0.3690 -0.2944

lowest : -0.99732 -0.99633 -0.99539 -0.99497 -0.99487
highest: -0.12619 -0.08294 -0.04631  0.01153  0.08758
-------------------------------------------------------------------------------------------------
fBodyAccmeanX
       n  missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
     180        0     180  -0.5758 -0.99063 -0.98827 -0.97869 -0.76909 -0.21744  0.02467  0.10464

lowest : -0.9952 -0.9950 -0.9940 -0.9938 -0.9931, highest:  0.2054  0.2157  0.2353  0.3283  0.5370
-------------------------------------------------------------------------------------------------
fBodyAccmeanY
       n  missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
     180        0     180  -0.4887 -0.97429 -0.96813 -0.95361 -0.59498 -0.06341  0.11371  0.22765

lowest : -0.9890 -0.9849 -0.9837 -0.9829 -0.9821, highest:  0.3715  0.3884  0.4035  0.4945  0.5242
-------------------------------------------------------------------------------------------------
fBodyAccmeanZ
```

```
                    n  missing   unique      Mean        .05        .10        .25        .50        .75        .90        .95
                  180        0      180    -0.6297   -0.98305   -0.97492   -0.96195   -0.72360   -0.31834   -0.17701   -0.07283

lowest : -0.9895 -0.9886 -0.9877 -0.9874 -0.9853, highest:  0.1107  0.1596  0.1917  0.2805  0.2807
-------------------------------------------------------------------------------------------------------------------------------
fBodyAccmeanFreqX
                    n  missing   unique      Mean        .05        .10        .25        .50        .75        .90        .95
                  180        0      180    -0.2323   -0.51706   -0.46146   -0.39165   -0.25731   -0.06105    0.03466    0.08526

lowest : -0.6359 -0.5934 -0.5903 -0.5546 -0.5514, highest:  0.1053  0.1085  0.1287  0.1378  0.1591
-------------------------------------------------------------------------------------------------------------------------------
fBodyAccmeanFreqY
                    n  missing   unique      Mean        .05        .10        .25        .50        .75        .90
                  180        0      180    0.01153  -0.224031  -0.160957  -0.081314   0.007855   0.086281   0.201857
        .95
  0.264956

lowest : -0.3795 -0.3665 -0.3338 -0.2717 -0.2494, highest:  0.3098  0.3283  0.3484  0.3662  0.4665
-------------------------------------------------------------------------------------------------------------------------------
fBodyAccmeanFreqZ
                    n  missing   unique      Mean        .05        .10        .25        .50        .75        .90        .95
                  180        0      180    0.04372   -0.28542   -0.21541   -0.03629    0.06582    0.17542    0.24522    0.29881

lowest : -0.5201 -0.5128 -0.5122 -0.4865 -0.4635, highest:  0.3348  0.3519  0.3601  0.3746  0.4025
-------------------------------------------------------------------------------------------------------------------------------
fBodyAccJerkmeanX
                    n  missing   unique      Mean        .05        .10        .25        .50        .75        .90
                  180        0      180    -0.6139  -0.992031  -0.989238  -0.982838  -0.812641  -0.281954  -0.038246
        .95
-0.004982

lowest : -0.9946 -0.9945 -0.9937 -0.9934 -0.9927, highest:  0.1381  0.1814  0.2015  0.2148  0.4743
-------------------------------------------------------------------------------------------------------------------------------
fBodyAccJerkmeanY
                    n  missing   unique      Mean        .05        .10        .25        .50        .75        .90        .95
                  180        0      180    -0.5882   -0.98524   -0.98217   -0.97254   -0.78166   -0.19631   -0.05551    0.03334

lowest : -0.9894 -0.9883 -0.9882 -0.9871 -0.9863, highest:  0.1600  0.1648  0.2058  0.2206  0.2767
```

```
---------------------------------------------------------------------------------
fBodyAccJerkmeanZ
      n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
    180       0     180  -0.7144  -0.9881  -0.9861  -0.9796  -0.8707  -0.4697  -0.2962  -0.2419

lowest : -0.99202 -0.99075 -0.98956 -0.98912 -0.98883
highest: -0.05720 -0.02488  0.05861  0.05959  0.15778
---------------------------------------------------------------------------------
fBodyAccJerkmeanFreqX
      n  missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
    180        0     180  -0.0691 -0.43962 -0.39135 -0.28966 -0.06091  0.17660  0.24046  0.26816

lowest : -0.5760 -0.5213 -0.5086 -0.4750 -0.4509, highest:  0.3033  0.3055  0.3122  0.3142  0.3314
---------------------------------------------------------------------------------
fBodyAccJerkmeanFreqY
      n  missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
    180        0     180  -0.2281 -0.53414 -0.47834 -0.39751 -0.23209 -0.04721  0.02905  0.07406

lowest : -0.60197 -0.58602 -0.57701 -0.55909 -0.55341
highest:  0.09874  0.12121  0.12704  0.13473  0.19568
---------------------------------------------------------------------------------
fBodyAccJerkmeanFreqZ
      n  missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
    180        0     180  -0.1376 -0.51252 -0.44687 -0.30867 -0.09187  0.03858  0.09244  0.12163

lowest : -0.6276 -0.6262 -0.6124 -0.5528 -0.5511, highest:  0.1488  0.1652  0.1669  0.1906  0.2301
---------------------------------------------------------------------------------
fBodyGyromeanX
      n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
    180       0     180  -0.6367  -0.9870  -0.9834  -0.9697  -0.7300  -0.3387  -0.1954  -0.1254

lowest : -0.99312 -0.99244 -0.99014 -0.98996 -0.98841
highest: -0.06296 -0.03000  0.06337  0.22814  0.47496
---------------------------------------------------------------------------------
fBodyGyromeanY
      n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
    180       0     180  -0.6767  -0.9862  -0.9831  -0.9700  -0.8141  -0.4458  -0.2157  -0.1028
```

```
lowest : -0.9940 -0.9937 -0.9916 -0.9903 -0.9890, highest:  0.1161  0.1187  0.1471  0.1956  0.3288
-----------------------------------------------------------------------------------------------------
fBodyGyromeanZ
        n    missing    unique      Mean        .05        .10        .25        .50        .75        .90
      180          0       180   -0.6044  -0.980874  -0.975842  -0.962424  -0.790931  -0.263481  -0.130501
      .95
-0.008592

lowest : -0.9860 -0.9860 -0.9850 -0.9842 -0.9837, highest:  0.1660  0.1967  0.2107  0.2570  0.4924
-----------------------------------------------------------------------------------------------------
fBodyGyromeanFreqX
        n    missing    unique      Mean        .05        .10        .25        .50        .75        .90
      180          0       180   -0.1046  -0.329563  -0.285349  -0.213363  -0.115527   0.002655   0.109375
      .95
 0.138729

lowest : -0.3958 -0.3935 -0.3912 -0.3897 -0.3806, highest:  0.1892  0.2134  0.2141  0.2359  0.2492
-----------------------------------------------------------------------------------------------------
fBodyGyromeanFreqY
      n  missing    unique      Mean       .05       .10       .25       .50       .75       .90       .95
    180        0       180   -0.1674  -0.47363  -0.38508  -0.29433  -0.15794  -0.04269   0.06844   0.10152

lowest : -0.6668 -0.6427 -0.6355 -0.5491 -0.5269, highest:  0.1511  0.1665  0.2006  0.2322  0.2731
-----------------------------------------------------------------------------------------------------
fBodyGyromeanFreqZ
        n  missing    unique      Mean       .05       .10       .25       .50       .75       .90       .95
      180        0       180  -0.05718  -0.34626  -0.25298  -0.15481  -0.05081   0.04152   0.14790   0.21166

lowest : -0.5075 -0.5016 -0.4837 -0.4301 -0.4198, highest:  0.2662  0.2892  0.3029  0.3030  0.3771
-----------------------------------------------------------------------------------------------------
fBodyAccMagmean
      n missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
    180       0      180  -0.5365  -0.9752  -0.9724  -0.9560  -0.6703  -0.1622   0.1142   0.2202

lowest : -0.9868 -0.9868 -0.9854 -0.9848 -0.9845, highest:  0.3312  0.3648  0.3960  0.4719  0.5866
-----------------------------------------------------------------------------------------------------
fBodyAccMagmeanFreq
        n    missing    unique      Mean        .05        .10        .25        .50        .75        .90        .95
```

```
           180          0          180    0.07613 -0.14537 -0.10252 -0.01475   0.08132   0.17436   0.25239   0.29429

lowest : -0.3123 -0.2733 -0.2416 -0.2186 -0.1844, highest:  0.3686  0.3687  0.3821  0.3932  0.4358
---------------------------------------------------------------------------------------------------------------
fBodyBodyAccJerkMagmean
         n  missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
       180        0      180   -0.5756 -0.98879 -0.98590 -0.97697 -0.79405 -0.18723   0.01115   0.07877

lowest : -0.9940 -0.9925 -0.9914 -0.9904 -0.9902, highest:  0.2222  0.2438  0.3315  0.3350  0.5384
---------------------------------------------------------------------------------------------------------------
fBodyBodyAccJerkMagmeanFreq
         n  missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
       180        0      180    0.1625 -0.04911 -0.01200   0.04527   0.17198   0.27593   0.34494   0.36168

lowest : -0.12521 -0.11716 -0.11288 -0.08901 -0.08457
highest:  0.40510  0.42222  0.42685  0.45909  0.48809
---------------------------------------------------------------------------------------------------------------
fBodyBodyGyroMagmean
        n missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
      180       0      180  -0.6671  -0.9799  -0.9743  -0.9616  -0.7657  -0.4087  -0.2643  -0.1003

lowest : -0.9865352 -0.9846176 -0.9843291 -0.9842911 -0.9840013
highest: -0.0003627  0.0488589  0.1508257  0.1850782  0.2039798
---------------------------------------------------------------------------------------------------------------
fBodyBodyGyroMagmeanFreq
         n  missing   unique     Mean      .05       .10       .25       .50       .75      .90       .95
       180        0      180  -0.03603 -0.31020 -0.25986 -0.16951 -0.05352   0.08228  0.21696   0.29347

lowest : -0.4566 -0.4145 -0.3999 -0.3828 -0.3780, highest:  0.3515  0.3516  0.3856  0.4027  0.4095
---------------------------------------------------------------------------------------------------------------
fBodyBodyGyroJerkMagmean
        n missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
      180       0      180  -0.7564  -0.9924  -0.9905  -0.9813  -0.8779  -0.5831  -0.4450  -0.2662

lowest : -0.99762 -0.99520 -0.99506 -0.99482 -0.99481
highest: -0.13271 -0.12518 -0.02290  0.07468  0.14662
---------------------------------------------------------------------------------------------------------------
fBodyBodyGyroJerkMagmeanFreq
```

```
               n       missing      unique       Mean          .05          .10          .25          .50          .75
             180             0         180       0.1259   -0.0511660    0.0007689    0.0542316    0.1115607    0.2080516
             .90           .95
       0.2604932     0.3081322


lowest : -0.1829 -0.1338 -0.1317 -0.1124 -0.1013, highest:  0.3397  0.3440  0.3483  0.3587  0.4263
---------------------------------------------------------------------------------------------------------------------
angletBodyAccMean.gravity
               n       missing      unique       Mean          .05          .10          .25          .50          .75          .90
             180             0         180     0.006556    -0.056502    -0.035125    -0.011012     0.007878     0.024393     0.054091
             .95
        0.068359


lowest : -0.16304 -0.13314 -0.11228 -0.10972 -0.07871
highest:  0.07678  0.09465   0.09609   0.11029   0.12915
---------------------------------------------------------------------------------------------------------------------
angletBodyAccJerkMean.gravityMean
               n       missing      unique       Mean          .05          .10          .25          .50          .75          .90
             180             0         180    0.0006439    -0.076317    -0.052781    -0.021169     0.003136     0.022088     0.043018
             .95
        0.068163


lowest : -0.12055 -0.11947 -0.10271 -0.09793 -0.09212
highest:  0.08993  0.09714   0.10642   0.11518   0.20326
---------------------------------------------------------------------------------------------------------------------
angletBodyGyroMean.gravityMean
               n   missing      unique       Mean          .05          .10          .25          .50          .75          .90          .95
             180         0         180     0.02193     -0.26310     -0.14296     -0.01977      0.02087      0.06460      0.17814      0.29800


lowest : -0.3893 -0.3664 -0.3216 -0.3129 -0.3115, highest:  0.3460  0.3536  0.3666  0.3807  0.4441
---------------------------------------------------------------------------------------------------------------------
angletBodyGyroJerkMean.gravityMean
               n   missing      unique       Mean          .05          .10          .25          .50          .75          .90          .95
             180         0         180    -0.01137     -0.12866     -0.09473     -0.05613     -0.01602      0.03200      0.07113      0.11253


lowest : -0.2237 -0.2206 -0.2071 -0.1685 -0.1657, highest:  0.1536  0.1653  0.1679  0.1752  0.1824
---------------------------------------------------------------------------------------------------------------------
angleX.gravityMean
```

```
           n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
         180       0     180  -0.5243  -0.8657  -0.8525  -0.7907  -0.7377  -0.5823   0.5023   0.5901

lowest : -0.9471 -0.9307 -0.9235 -0.9171 -0.8964, highest:  0.6174  0.6320  0.6689  0.6957  0.7378
-----------------------------------------------------------------------------------------------------
angleY.gravityMean
           n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
         180       0     180  0.07865 -0.55827 -0.42891  0.02191  0.17136  0.24343  0.31163  0.33095

lowest : -0.8746 -0.8253 -0.8131 -0.7632 -0.7194, highest:  0.3470  0.3529  0.3737  0.3868  0.4248
-----------------------------------------------------------------------------------------------------
angleZ.gravityMean
           n  missing   unique     Mean       .05       .10       .25       .50       .75       .90
         180        0      180  -0.04044 -0.557347 -0.417199 -0.083912  0.005079  0.106190  0.169553
         .95
      0.232717

lowest : -0.8736 -0.8086 -0.7818 -0.7565 -0.6888, highest:  0.2935  0.3038  0.3121  0.3251  0.3904
-----------------------------------------------------------------------------------------------------
tBodyAccstdX
           n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
         180       0     180  -0.5577 -0.99190 -0.98896 -0.97987 -0.75256 -0.19838  0.04834  0.18870

lowest : -0.9961 -0.9958 -0.9950 -0.9944 -0.9943, highest:  0.2957  0.3486  0.3837  0.4065  0.6269
-----------------------------------------------------------------------------------------------------
tBodyAccstdY
           n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
         180       0     180  -0.4605 -0.97320 -0.96331 -0.94205 -0.50897 -0.03077  0.16543  0.30163

lowest : -0.9902 -0.9862 -0.9837 -0.9832 -0.9831, highest:  0.3789  0.3808  0.4898  0.5148  0.6169
-----------------------------------------------------------------------------------------------------
tBodyAccstdZ
           n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
         180       0     180  -0.5756 -0.97768 -0.96785 -0.94981 -0.65176 -0.23064 -0.07367  0.05427

lowest : -0.9877 -0.9873 -0.9866 -0.9864 -0.9847, highest:  0.1596  0.1642  0.2299  0.4516  0.6090
-----------------------------------------------------------------------------------------------------
tGravityAccstdX
```

```
            n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
          180       0     180  -0.9638  -0.9928  -0.9892  -0.9825  -0.9695  -0.9509  -0.9343  -0.9211

lowest : -0.9968 -0.9964 -0.9945 -0.9943 -0.9940, highest: -0.8997 -0.8968 -0.8877 -0.8621 -0.8296
------------------------------------------------------------------------------------------------------
tGravityAccstdY
            n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
          180       0     180  -0.9524  -0.9861  -0.9812  -0.9711  -0.9590  -0.9370  -0.9186  -0.9104

lowest : -0.9942 -0.9941 -0.9937 -0.9935 -0.9908, highest: -0.9039 -0.9013 -0.9010 -0.9005 -0.6436
------------------------------------------------------------------------------------------------------
tGravityAccstdZ
            n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
          180       0     180  -0.9364  -0.9833  -0.9762  -0.9605  -0.9450  -0.9180  -0.8941  -0.8761

lowest : -0.9910 -0.9894 -0.9891 -0.9888 -0.9858, highest: -0.8624 -0.8588 -0.8524 -0.8369 -0.6102
------------------------------------------------------------------------------------------------------
tBodyAccJerkstdX
            n  missing   unique     Mean       .05       .10       .25       .50       .75       .90       .95
          180        0      180   -0.5949  -0.99201  -0.98921  -0.98318  -0.81036  -0.22328  -0.01191   0.03843

lowest : -0.9946 -0.9943 -0.9937 -0.9935 -0.9928, highest:  0.1653  0.1989  0.2233  0.2501  0.5443
------------------------------------------------------------------------------------------------------
tBodyAccJerkstdY
            n   missing    unique     Mean        .05        .10        .25        .50        .75        .90
          180         0       180    -0.5654  -0.985101  -0.982450  -0.972399  -0.775640  -0.148331   0.008861
          .95
       0.083222

lowest : -0.9895 -0.9886 -0.9886 -0.9872 -0.9867, highest:  0.2443  0.2765  0.2881  0.2897  0.3553
------------------------------------------------------------------------------------------------------
tBodyAccJerkstdZ
            n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
          180       0     180   -0.736  -0.9900  -0.9882  -0.9827  -0.8837  -0.5121  -0.3583  -0.3027

lowest : -0.99329 -0.99225 -0.99122 -0.99066 -0.99059
highest: -0.13363 -0.02931 -0.02001 -0.01351  0.03102
------------------------------------------------------------------------------------------------------
```

```
tBodyGyrostdX
      n missing  unique    Mean     .05     .10     .25     .50     .75     .90     .95
    180        0     180  -0.6916 -0.9888 -0.9860 -0.9735 -0.7890 -0.4414 -0.3206 -0.2657

lowest : -0.99428 -0.99287 -0.99196 -0.99103 -0.99033
highest: -0.20494 -0.19921 -0.19830 -0.02644  0.26766
-------------------------------------------------------------------------------------
tBodyGyrostdY
        n  missing    unique      Mean      .05       .10       .25       .50       .75       .90
      180        0       180   -0.6533 -0.984292 -0.980495 -0.962933 -0.801684 -0.419584 -0.144750
      .95
 0.006918

lowest : -0.99421 -0.99275 -0.99036 -0.98833 -0.98773
highest:  0.05699  0.08583  0.21383  0.25946  0.47652
-------------------------------------------------------------------------------------
tBodyGyrostdZ
        n  missing   unique     Mean      .05      .10      .25      .50      .75      .90      .95
      180        0      180  -0.6164 -0.98128 -0.97490 -0.96095 -0.80100 -0.31061 -0.15713 -0.07344

lowest : -0.9855 -0.9851 -0.9848 -0.9839 -0.9834, highest:  0.1597  0.1841  0.3375  0.3562  0.5649
-------------------------------------------------------------------------------------
tBodyGyroJerkstdX
      n missing  unique    Mean     .05     .10     .25     .50     .75     .90     .95
    180        0     180  -0.7036 -0.9933 -0.9914 -0.9800 -0.8396 -0.4629 -0.2676 -0.2166

lowest : -0.99654 -0.99610 -0.99588 -0.99526 -0.99417
highest: -0.17084 -0.16394  0.03934  0.08012  0.17915
-------------------------------------------------------------------------------------
tBodyGyroJerkstdY
      n missing  unique    Mean     .05     .10     .25     .50     .75     .90     .95
    180        0     180  -0.7636 -0.9930 -0.9909 -0.9832 -0.8942 -0.5861 -0.4238 -0.2831

lowest : -0.99708 -0.99557 -0.99553 -0.99532 -0.99514
highest: -0.12755 -0.07045 -0.01463  0.14665  0.29595
-------------------------------------------------------------------------------------
tBodyGyroJerkstdZ
      n missing  unique    Mean     .05     .10     .25     .50     .75     .90     .95
```

```
       180          0        180 -0.7096 -0.9926 -0.9903 -0.9848 -0.8610 -0.4741 -0.3239 -0.2123

lowest : -0.995381 -0.994909 -0.994465 -0.993841 -0.993760
highest: -0.034422  0.003079  0.091386  0.116646  0.193206
-------------------------------------------------------------------------------------------------
tBodyAccMagstd
       n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
     180        0     180  -0.5439  -0.9729  -0.9652  -0.9430  -0.6074  -0.2090   0.1194   0.2059

lowest : -0.9865 -0.9819 -0.9817 -0.9816 -0.9816, highest:  0.2651  0.3532  0.3736  0.4135  0.4284
-------------------------------------------------------------------------------------------------
tGravityAccMagstd
       n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
     180        0     180  -0.5439  -0.9729  -0.9652  -0.9430  -0.6074  -0.2090   0.1194   0.2059

lowest : -0.9865 -0.9819 -0.9817 -0.9816 -0.9816, highest:  0.2651  0.3532  0.3736  0.4135  0.4284
-------------------------------------------------------------------------------------------------
tBodyAccJerkMagstd
       n  missing   unique      Mean       .05       .10       .25       .50       .75       .90       .95
     180         0      180   -0.5842  -0.98922  -0.98654  -0.97655  -0.80138  -0.21726  -0.02524   0.09602

lowest : -0.9946 -0.9931 -0.9914 -0.9912 -0.9905, highest:  0.2095  0.2296  0.2534  0.2921  0.4506
-------------------------------------------------------------------------------------------------
tBodyGyroMagstd
       n  missing   unique      Mean       .05       .10       .25       .50       .75       .90       .95
     180         0      180   -0.6304  -0.97159  -0.96396  -0.94763  -0.74204  -0.36021  -0.20125  -0.06552

lowest : -0.98137 -0.98056 -0.97869 -0.97768 -0.97707
highest: -0.02185  0.05400  0.16335  0.23782  0.29998
-------------------------------------------------------------------------------------------------
tBodyGyroJerkMagstd
       n missing  unique     Mean      .05      .10      .25      .50      .75      .90      .95
     180        0     180   -0.755  -0.9922  -0.9903  -0.9805  -0.8809  -0.5767  -0.4368  -0.2755

lowest : -0.99767 -0.99491 -0.99487 -0.99473 -0.99445
highest: -0.11123 -0.09534 -0.04390  0.05949  0.25017
-------------------------------------------------------------------------------------------------
fBodyAccstdX
```

```
        n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
      180       0     180  -0.5522  -0.9924  -0.9892  -0.9820  -0.7470  -0.1966   0.0508   0.2509

lowest : -0.9966 -0.9960 -0.9956 -0.9949 -0.9947, highest:  0.3366  0.4029  0.4034  0.4663  0.6585
---------------------------------------------------------------------------------------------------
fBodyAccstdY
        n missing  unique    Mean       .05      .10      .25       .50       .75      .90       .95
      180       0     180  -0.4815  -0.97363 -0.96414 -0.94042  -0.51338  -0.07913  0.11519   0.23447

lowest : -0.9907 -0.9867 -0.9846 -0.9843 -0.9833, highest:  0.3248  0.3561  0.4279  0.4384  0.5602
---------------------------------------------------------------------------------------------------
fBodyAccstdZ
        n missing  unique    Mean      .05      .10      .25      .50      .75      .90      .95
      180       0     180  -0.5824  -0.9758  -0.9659  -0.9459  -0.6441  -0.2655  -0.0944   0.0864

lowest : -0.9872 -0.9866 -0.9864 -0.9860 -0.9849, highest:  0.1333  0.1338  0.2031  0.4276  0.6871
---------------------------------------------------------------------------------------------------
fBodyAccJerkstdX
        n missing  unique    Mean       .05      .10      .25       .50       .75      .90       .95
      180       0     180  -0.6121  -0.99255 -0.99005 -0.98472  -0.82539  -0.24753 -0.07147   0.01913

lowest : -0.99507 -0.99461 -0.99422 -0.99412 -0.99368
highest:  0.09084  0.10806  0.15691  0.17266  0.47680
---------------------------------------------------------------------------------------------------
fBodyAccJerkstdY
        n  missing  unique    Mean        .05       .10       .25        .50       .75        .90
      180        0     180  -0.5707  -0.986121 -0.984074 -0.973699  -0.785152 -0.168540 -0.007067
      .95
 0.095277

lowest : -0.9905 -0.9900 -0.9899 -0.9882 -0.9882, highest:  0.2739  0.2931  0.3159  0.3412  0.3498
---------------------------------------------------------------------------------------------------
fBodyAccJerkstdZ
        n missing  unique    Mean     .05      .10      .25      .50      .75      .90      .95
      180       0     180  -0.7565  -0.9902  -0.9887  -0.9837  -0.8951  -0.5438  -0.4013  -0.3425

lowest : -0.993108 -0.992350 -0.991450 -0.991316 -0.990818
highest: -0.190752 -0.098520 -0.098393 -0.084667 -0.006236
```

```
--------------------------------------------------------------------------------
fBodyGyrostdX
      n missing   unique    Mean      .05      .10      .25      .50      .75      .90      .95
    180        0      180  -0.711  -0.9896  -0.9869  -0.9750  -0.8086  -0.4813  -0.3570  -0.3083

lowest : -0.9947 -0.9930 -0.9926 -0.9913 -0.9910, highest: -0.2784 -0.2534 -0.2343 -0.1084  0.1966
--------------------------------------------------------------------------------
fBodyGyrostdY
      n missing   unique    Mean      .05      .10      .25      .50      .75      .90      .95
    180        0      180  -0.6454  -0.9835  -0.9789  -0.9602  -0.7964  -0.4154  -0.1482  0.0746

lowest : -0.9944 -0.9922 -0.9896 -0.9873 -0.9871, highest:  0.1515  0.1717  0.2343  0.2866  0.6462
--------------------------------------------------------------------------------
fBodyGyrostdZ
      n missing   unique    Mean      .05      .10      .25      .50      .75      .90      .95
    180        0      180  -0.6577  -0.9828  -0.9769  -0.9643  -0.8224  -0.3916  -0.2368  -0.1648

lowest : -0.98673 -0.98648 -0.98573 -0.98532 -0.98471
highest:  0.01831  0.09548  0.18279  0.26320  0.52245
--------------------------------------------------------------------------------
fBodyAccMagstd
        n    missing     unique      Mean         .05         .10         .25         .50         .75
      180          0        180    -0.621  -0.9751406  -0.9676112  -0.9451633  -0.6512629  -0.3654056
        .90         .95
 -0.0737739  0.0005175

lowest : -0.98765 -0.98231 -0.98225 -0.98223 -0.98160
highest:  0.08286  0.08887  0.14462  0.15312  0.17868
--------------------------------------------------------------------------------
fBodyBodyAccJerkMagstd
        n  missing   unique    Mean      .05      .10      .25      .50      .75      .90      .95
      180        0      180  -0.5992  -0.98858  -0.98630  -0.97520  -0.81262  -0.26682  -0.02227  0.08048

lowest : -0.9944 -0.9925 -0.9910 -0.9903 -0.9903, highest:  0.1583  0.1943  0.2245  0.2275  0.3163
--------------------------------------------------------------------------------
fBodyBodyGyroMagstd
      n missing   unique    Mean      .05      .10      .25      .50      .75      .90      .95
    180        0      180  -0.6723  -0.9718  -0.9637  -0.9488  -0.7727  -0.4277  -0.3043  -0.1833
```

```
lowest : -0.98147 -0.98125 -0.97847 -0.97744 -0.97726
highest: -0.14160 -0.07433 -0.06148  0.03204  0.23666
-------------------------------------------------------------------------------------------
fBodyBodyGyroJerkMagstd
      n missing  unique    Mean     .05     .10     .25     .50     .75     .90     .95
    180       0     180  -0.7715 -0.9922 -0.9907 -0.9802 -0.8941 -0.6081 -0.4530 -0.3427

lowest : -0.99759 -0.99497 -0.99474 -0.99467 -0.99421
highest: -0.14573 -0.14325 -0.08417 -0.03986  0.28783
-------------------------------------------------------------------------------------------
```