lab4

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## Task 4. Getting and Clearning Data

The data used in the task was collected from the accelerometers from the Samsung Galaxy S smartphone. A full description is available at the site where the data was obtained: <http://archive.ics.uci.edu/ml/datasets/Human+Activity+Recognition+Using+Smartphones> Files for the project you can find in the data folder in getdata\_projectfiles\_UCI HAR Dataset.zip zip-archive. You goal is to prepare tidy data that can be used for later analysis.

featureNames <- read.table("UCI HAR Dataset/features.txt")  
activityLabels <- read.table("UCI HAR Dataset/activity\_labels.txt", header = FALSE)  
subjectTrain <- read.table("UCI HAR Dataset/train/subject\_train.txt", header = FALSE)  
activityTrain <- read.table("UCI HAR Dataset/train/y\_train.txt", header = FALSE)  
featuresTrain <- read.table("UCI HAR Dataset/train/X\_train.txt", header = FALSE)  
subjectTest <- read.table("UCI HAR Dataset/test/subject\_test.txt", header = FALSE)  
activityTest <- read.table("UCI HAR Dataset/test/y\_test.txt", header = FALSE)  
featuresTest <- read.table("UCI HAR Dataset/test/X\_test.txt", header = FALSE)

1. Merges the training and the test sets to create one data set.

subject <- rbind(subjectTrain, subjectTest)  
activity <- rbind(activityTrain, activityTest)  
features <- rbind(featuresTrain, featuresTest)  
colnames(features) <- t(featureNames[2])  
colnames(activity) <- "Activity"  
colnames(subject) <- "Subject"  
completeData <- cbind(features,activity,subject)  
completeData

## tBodyAcc-mean()-X tBodyAcc-mean()-Y tBodyAcc-mean()-Z tBodyAcc-std()-X  
## 1 0.28858451 -0.0202941710 -0.13290514 -0.99527860  
## 2 0.27841883 -0.0164105680 -0.12352019 -0.99824528  
## 3 0.27965306 -0.0194671560 -0.11346169 -0.99537956  
## 4 0.27917394 -0.0262006460 -0.12328257 -0.99609149  
## 5 0.27662877 -0.0165696550 -0.11536185 -0.99813862  
## 6 0.27719877 -0.0100978500 -0.10513725 -0.99733496  
## 7 0.27945388 -0.0196407760 -0.11002215 -0.99692104  
## 8 0.27743247 -0.0304883030 -0.12536043 -0.99655926  
## 9 0.27729342 -0.0217506980 -0.12075082 -0.99732847  
## 10 0.28058569 -0.0099602983 -0.10606516 -0.99480344  
## 11 0.27688027 -0.0127218050 -0.10343832 -0.99481511  
## 12 0.27622817 -0.0214413020 -0.10820234 -0.99824595  
## 13 0.27845700 -0.0204147610 -0.11273172 -0.99913488  
## 14 0.27717497 -0.0147128020 -0.10675647 -0.99918834  
## 15 0.29794572 0.0270939080 -0.06166812 -0.98864079  
## 16 0.27920345 -0.0230201430 -0.12208028 -0.99683904  
## 17 0.27903836 -0.0148003780 -0.11684896 -0.99694116  
## 18 0.28013490 -0.0139169510 -0.10637048 -0.99769492  
## 19 0.27773106 -0.0182107180 -0.10918803 -0.99749074  
## 20 0.27556818 -0.0169796980 -0.11142918 -0.99781139  
## 21 0.27756171 -0.0143184870 -0.10787724 -0.99790424  
## 22 0.27715238 -0.0179833280 -0.10660117 -0.99776322  
## 23 0.27567630 -0.0212642340 -0.11080122 -0.99786211  
## 24 0.27920020 -0.0177144270 -0.10916135 -0.99838929  
## 25 0.28171549 -0.0119106780 -0.10287513 -0.99853388  
## 26 0.27899267 -0.0145310290 -0.10659617 -0.99805969  
## 27 0.27573444 -0.0180188400 -0.10677578 -0.99925496  
## 28 0.14450396 0.1892632600 0.06276932 -0.90429967  
## 29 0.28725164 -0.0374550640 -0.14597431 -0.98291504  
## 30 0.27999760 -0.0194840360 -0.10572355 -0.99281839  
## 31 0.22184689 0.0341076750 -0.12361242 -0.81470826  
## 32 -0.04170131 0.1751024800 0.02555178 -0.75839283  
## 33 0.01390367 0.1532960800 0.01624295 -0.80863778  
## 34 0.30368927 -0.0042428053 -0.15085028 -0.95650333  
## 35 0.29075969 -0.0240347600 -0.11673889 -0.97737449  
## 36 0.27090823 -0.0144129680 -0.10652245 -0.99385604  
## 37 0.27955340 -0.0170011470 -0.11051668 -0.99607594  
## 38 0.27635864 -0.0161380880 -0.10803259 -0.99557733  
## 39 0.23715407 0.0078251224 -0.12283791 -0.97995358  
## 40 0.27310840 0.0065181116 -0.10947182 -0.99078294  
## 41 0.28150539 -0.0184348590 -0.11139287 -0.99546804  
## 42 0.27843225 -0.0196543020 -0.10797029 -0.99439029  
## 43 0.27337960 -0.0099401064 -0.10839283 -0.99550580  
## 44 0.27905615 -0.0162609700 -0.11281565 -0.99501877  
## 45 0.27859910 -0.0199101420 -0.11118060 -0.99474489  
## 46 0.27328142 -0.0111272090 -0.10634926 -0.99587640  
## 47 0.27853812 -0.0161734320 -0.10970656 -0.99664602  
## 48 0.27746121 -0.0174910160 -0.10635945 -0.99642843  
## 49 0.27394057 -0.0131475840 -0.10543517 -0.99588454  
## 50 0.27930326 -0.0205213830 -0.11323643 -0.99584854  
## 51 0.27908720 -0.0190832420 -0.10588882 -0.99572983  
## 52 0.40347433 -0.0150744040 -0.11816739 -0.91481115  
## 53 0.27837321 -0.0205609640 -0.09682457 -0.98488259  
## 54 0.27655526 -0.0178685500 -0.10762126 -0.99419460  
## 55 0.27957476 -0.0172757220 -0.10948053 -0.99613535  
## 56 0.27652699 -0.0168191000 -0.10798311 -0.99677544  
## 57 0.27812334 -0.0171463030 -0.10801374 -0.99492812  
## 58 0.27800654 -0.0178031700 -0.10896485 -0.99442540  
## 59 0.28020640 -0.0183962600 -0.10748863 -0.99647493  
## 60 0.28182774 -0.0186264740 -0.10527824 -0.99628711  
## 61 0.27672941 -0.0172095480 -0.10563797 -0.99478811  
## 62 0.27588359 -0.0161503090 -0.10882921 -0.99551063  
## 63 0.27783021 -0.0176840540 -0.10570350 -0.99614315  
## 64 0.27937115 -0.0176449530 -0.10818111 -0.99523683  
## 65 0.01901615 -0.0070373566 -0.02833336 -0.66129361  
## 66 0.34020850 -0.0364529840 -0.10625819 -0.95859648  
## 67 -0.16642569 -0.1193525100 0.13303497 -0.63313536  
## 68 -0.23910256 -0.0969043910 0.14803461 -0.63732529  
## 69 0.34696848 0.0694086470 -0.20082552 -0.80390335  
## 70 0.30383319 0.1036482000 -0.24533103 -0.75599409  
## 71 -0.36120533 -0.2681211100 0.17689637 -0.59939182  
## 72 -0.27706634 -0.6840965900 0.34665772 -0.59641047  
## 73 0.25747650 -0.4138653400 0.01737419 -0.91966606  
## 74 0.27683965 -0.0271476600 -0.12317480 -0.97739515  
## 75 0.26865095 0.0164301540 -0.10372571 -0.98569313  
## 76 0.28526329 -0.0088888110 -0.10374518 -0.99549458  
## 77 0.28347732 -0.0075244582 -0.10928717 -0.99458009  
## 78 0.27302712 -0.0101967570 -0.11115339 -0.99312530  
## 79 0.28202157 -0.0376962180 -0.13489730 -0.32828019  
## 80 0.25584075 -0.0645500290 -0.09518634 -0.22920689  
## 81 0.25486723 0.0038147234 -0.12365809 -0.27515786  
## 82 0.34337048 -0.0144462210 -0.16737697 -0.22992354  
## 83 0.27623973 -0.0296384130 -0.14261631 -0.22657692  
## 84 0.25546822 0.0212190630 -0.04894943 -0.22453699  
## 85 0.32113983 0.0015817951 -0.04355370 -0.23395567  
## 86 0.23466590 -0.0495477190 -0.11175723 -0.24708664  
## 87 0.31263404 -0.0263677490 -0.13095121 -0.35309860  
## 88 0.27691540 -0.0354862100 -0.08056918 -0.26294183  
## 89 0.20530739 -0.0085082782 -0.11964696 -0.26070490  
## 90 0.30699599 -0.0137869800 -0.18016197 -0.23902985  
## 91 0.28151325 -0.0408008980 -0.13467496 -0.20097415  
## 92 0.30388542 0.0027680377 -0.03861309 -0.16865626  
## 93 0.35419290 -0.0125609350 -0.05868094 -0.20842457  
## 94 0.22229785 -0.0186596830 -0.11718642 -0.22054434  
## 95 0.21448125 0.0099387454 -0.12307300 -0.20551618  
## 96 0.32731657 -0.0222558210 -0.14914390 -0.24864532  
## 97 0.34905910 -0.0220037840 -0.15005217 -0.30312548  
## 98 0.26468173 -0.0085919266 -0.10297373 -0.36323752  
## 99 0.28431748 -0.0272058150 -0.21230304 -0.18344442  
## 100 0.22172674 -0.0243769700 -0.07507641 -0.11171737  
## 101 0.29097148 -0.0278104180 -0.04298254 -0.13937030  
## 102 0.26108077 -0.0156356210 -0.10258842 -0.17123888  
## 103 0.25242505 0.0062773455 -0.12518006 -0.23722530  
## 104 0.35878664 -0.0169545050 -0.15477656 -0.25146160  
## 105 0.25693500 -0.0105774010 -0.10544192 -0.23004356  
## 106 0.29855414 0.0007944557 -0.04069567 -0.19810732  
## 107 0.30804575 -0.0233004580 -0.07970154 -0.19869979  
## 108 0.20356167 -0.0305052300 -0.13709513 -0.24696440  
## 109 0.28056095 -0.0114246530 -0.15619795 -0.27398450  
## 110 0.33216933 -0.0345858280 -0.15926922 -0.29396729  
## 111 0.28703017 -0.0272399300 -0.11750002 -0.31223717  
## 112 0.30159413 -0.0446530020 -0.08151395 -0.17845378  
## 113 0.24608919 -0.0161754230 -0.11188336 -0.22179285  
## 114 0.29272439 -0.0021398385 -0.14034852 -0.25253682  
## 115 0.33156003 -0.0074950152 -0.13173868 -0.24591692  
## 116 0.20201055 -0.0090379452 -0.07909586 -0.22076970  
## 117 0.30363491 -0.0146567690 -0.04261383 -0.21530926  
## 118 0.35919361 -0.0180797180 -0.07234686 -0.26279787  
## 119 0.22442754 -0.0314643530 -0.12726298 -0.39294444  
## 120 0.23995826 -0.0097107196 -0.12197022 -0.37078412  
## 121 0.28972747 0.0153427200 -0.11667518 -0.36879989  
## 122 0.30830537 -0.0198828450 -0.16044667 -0.43900010  
## 123 0.32746543 -0.0356669600 -0.18182373 -0.36722034  
## 124 0.23841102 -0.0231963890 -0.11255181 -0.31993668  
## 125 0.18019430 -0.0177968460 -0.03934704 -0.37654341  
## 126 0.35845532 0.0179753850 -0.08415912 -0.17198789  
## 127 0.30171512 -0.0070493914 -0.09368145 -0.04014287  
## 128 0.28155172 -0.0161102890 -0.14009252 -0.09466535  
## 129 0.27395574 -0.0228992920 -0.12725614 -0.13338240  
## 130 0.29995717 0.0140821230 -0.08231040 0.06926842  
## 131 0.26537379 -0.0171562110 -0.13877347 0.12036221  
## 132 0.27763311 -0.0372675800 -0.10002093 -0.02176042  
## 133 0.26688016 -0.0023073023 -0.06372715 -0.04996636  
## 134 0.21070047 -0.0059687620 -0.10959150 -0.06421528  
## 135 0.28521305 -0.0202024590 -0.01102421 0.12298877  
## 136 0.46994580 -0.0336241090 -0.14125420 0.11546276  
## 137 0.23528441 -0.0145704670 -0.20841776 0.09908960  
## 138 0.16691360 -0.0337328800 -0.13334869 0.05291009  
## 139 0.44562097 -0.0119027090 -0.15116909 0.11820941  
## 140 0.23179921 -0.0075220252 -0.05580101 0.06368904  
## 141 0.28134949 -0.0007098312 -0.00869990 0.14664050  
## 142 0.36248249 -0.0035526939 -0.18104462 0.24954917  
## 143 0.43503687 -0.0065917495 -0.08290993 0.07845129  
## 144 0.35119884 0.0218667280 -0.14942620 0.07617469  
## 145 0.13046118 -0.0549969200 -0.13178649 -0.10749685  
## 146 0.31277629 -0.0504093730 -0.04302864 0.02628482  
## 147 0.42595606 0.0245600000 -0.15095947 0.09923964  
## 148 0.26749864 -0.0183194790 -0.16901282 -0.04124829  
## 149 0.15439416 0.0016045166 -0.01054862 -0.02364854  
## 150 0.20535149 -0.0038073578 -0.03262883 0.01930472  
## 151 0.18360372 -0.0765587290 -0.04695610 -0.36751584  
## 152 0.27918273 -0.0369656770 -0.13360426 -0.35903189  
## 153 0.30116241 -0.0017592965 -0.10683037 -0.36266589  
## 154 0.29341097 -0.0187145180 -0.06615908 -0.36815735  
## 155 0.23030990 0.0021737117 -0.04310313 -0.33525447  
## 156 0.15851651 0.0042561454 -0.01877921 -0.40602178  
## 157 0.21524532 -0.0326280020 -0.11896558 -0.40674365  
## 158 0.27147742 -0.0307460910 -0.15623238 -0.34169859  
## 159 0.14085877 -0.0682617290 -0.07211572 -0.23449858  
## 160 0.23145946 -0.0133403120 -0.09236798 -0.31679100  
## 161 0.29569289 -0.0172910000 -0.09992782 -0.35712019  
## 162 0.34408292 -0.0196651590 -0.14195199 -0.36118484  
## 163 0.33299252 -0.0303122760 -0.11360054 -0.42752783  
## 164 0.31672153 -0.0239082550 -0.11075840 -0.42147434  
## 165 0.27425493 -0.0289537510 -0.15558324 -0.39644844  
## 166 0.26034404 -0.0336706900 -0.12730182 -0.43384531  
## 167 0.27771111 -0.0089315038 -0.08118135 -0.45755795  
## 168 0.22622757 -0.0537189430 -0.11252061 -0.35092567  
## 169 0.25960382 -0.0180971610 -0.11447381 -0.35222794  
## 170 0.34402821 -0.0358751280 -0.09423846 -0.39707126  
## 171 0.37052032 -0.0088810520 -0.15190137 -0.44266976  
## 172 0.27321360 -0.0125466310 -0.12786494 -0.44615460  
## 173 0.23124563 -0.0072225043 -0.03499555 -0.47091075  
## 174 0.25025528 0.0077234474 -0.05846276 -0.38835593  
## 175 0.23033751 -0.0218066970 -0.11877561 -0.36143839  
## 176 0.22969556 -0.0521657100 -0.11179085 -0.34368292  
## 177 0.26076161 -0.0353706960 -0.13730782 -0.97372342  
## tBodyAcc-std()-Y tBodyAcc-std()-Z tBodyAcc-mad()-X tBodyAcc-mad()-Y  
## 1 -0.983110610 -0.913526450 -0.9951120800 -0.983184570  
## 2 -0.975300220 -0.960321990 -0.9988071900 -0.974914370  
## 3 -0.967187010 -0.978943960 -0.9965199400 -0.963668370  
## 4 -0.983402700 -0.990675100 -0.9970994700 -0.982749840  
## 5 -0.980817270 -0.990481630 -0.9983211300 -0.979671870  
## 6 -0.990486810 -0.995420030 -0.9976274000 -0.990217690  
## 7 -0.967185930 -0.983117830 -0.9970026800 -0.966096710  
## 8 -0.966728430 -0.981585330 -0.9964852500 -0.966313150  
## 9 -0.961245320 -0.983671560 -0.9975957600 -0.957236230  
## 10 -0.972758400 -0.986243870 -0.9954046200 -0.973663220  
## 11 -0.973076920 -0.985357020 -0.9955092700 -0.973947960  
## 12 -0.987213760 -0.992726590 -0.9982512700 -0.985996540  
## 13 -0.984680040 -0.996274240 -0.9990765400 -0.982937020  
## 14 -0.990526380 -0.993365010 -0.9992113500 -0.990687250  
## 15 -0.816698600 -0.901906530 -0.9889579500 -0.794280420  
## 16 -0.974848120 -0.983385510 -0.9970938900 -0.973331930  
## 17 -0.981865620 -0.982576530 -0.9972199800 -0.981619640  
## 18 -0.987515670 -0.990407440 -0.9980143200 -0.987954480  
## 19 -0.993221970 -0.996127950 -0.9979030500 -0.992710720  
## 20 -0.990522300 -0.997621040 -0.9982052200 -0.989469830  
## 21 -0.994311290 -0.995951660 -0.9983651700 -0.993604470  
## 22 -0.989957270 -0.996585670 -0.9982908200 -0.989668700  
## 23 -0.990090760 -0.994592570 -0.9983334500 -0.989472660  
## 24 -0.987307840 -0.990831590 -0.9988685200 -0.986771310  
## 25 -0.988489010 -0.993183670 -0.9986743300 -0.988543920  
## 26 -0.986069830 -0.993424240 -0.9980591600 -0.985192390  
## 27 -0.993668880 -0.994188800 -0.9994065400 -0.993620140  
## 28 -0.181936540 -0.443150510 -0.9011001900 -0.110812680  
## 29 -0.891604890 -0.941438110 -0.9844178100 -0.891372960  
## 30 -0.940350410 -0.981492660 -0.9930923800 -0.936927060  
## 31 -0.749418000 -0.571898890 -0.8786815200 -0.776894630  
## 32 -0.586537350 -0.439110190 -0.7741181700 -0.555350300  
## 33 -0.572746190 -0.626415420 -0.8062129700 -0.533810700  
## 34 -0.838671550 -0.943009530 -0.9620059400 -0.844820830  
## 35 -0.963840530 -0.962505030 -0.9776306000 -0.959382050  
## 36 -0.993178700 -0.993470300 -0.9938780000 -0.992130860  
## 37 -0.995781520 -0.998221680 -0.9962868700 -0.996369950  
## 38 -0.994543850 -0.994543720 -0.9962383700 -0.994201250  
## 39 -0.866193410 -0.968290470 -0.9801787800 -0.882315870  
## 40 -0.935065150 -0.990721560 -0.9924978700 -0.928562620  
## 41 -0.984330220 -0.990995140 -0.9959775100 -0.982309370  
## 42 -0.984562780 -0.991985780 -0.9950502300 -0.984521950  
## 43 -0.981767480 -0.993473630 -0.9957063900 -0.980919070  
## 44 -0.970446310 -0.989266120 -0.9948176400 -0.965149780  
## 45 -0.979495660 -0.987961520 -0.9944187000 -0.977348990  
## 46 -0.989110700 -0.993413220 -0.9961413900 -0.988049090  
## 47 -0.982974820 -0.994797970 -0.9969497800 -0.981851780  
## 48 -0.984673120 -0.990682660 -0.9967377500 -0.983150670  
## 49 -0.988012930 -0.988425530 -0.9965430300 -0.986734080  
## 50 -0.980700750 -0.993403810 -0.9961011700 -0.979568750  
## 51 -0.978967230 -0.991394010 -0.9961042500 -0.976663000  
## 52 -0.895231120 -0.891748110 -0.9176958900 -0.924623540  
## 53 -0.991118370 -0.982111780 -0.9879845400 -0.990362280  
## 54 -0.996371660 -0.995615140 -0.9949011500 -0.996359920  
## 55 -0.995811560 -0.998689150 -0.9963933300 -0.995474490  
## 56 -0.997256360 -0.995421640 -0.9971668700 -0.997107660  
## 57 -0.998359050 -0.992011430 -0.9955863600 -0.998076620  
## 58 -0.994872630 -0.994885820 -0.9949387900 -0.993994210  
## 59 -0.994068760 -0.991861310 -0.9972949100 -0.994338380  
## 60 -0.992193940 -0.990204480 -0.9972546400 -0.992927090  
## 61 -0.991031320 -0.993187220 -0.9958898600 -0.990624880  
## 62 -0.995548040 -0.994000800 -0.9961503400 -0.995344130  
## 63 -0.995968750 -0.994888600 -0.9963750200 -0.995646340  
## 64 -0.995810090 -0.994430450 -0.9955146800 -0.995338140  
## 65 -0.713352570 -0.701155170 -0.6939481300 -0.706557510  
## 66 -0.908055820 -0.984669480 -0.9568549600 -0.898493850  
## 67 -0.189775030 -0.319336290 -0.6238043000 -0.199675260  
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## 147 -0.219161720 0.3432398600 0.008622833 -0.3213664200  
## 148 -0.276276370 0.1843531700 -0.075418581 -0.2770793200  
## 149 -0.261083670 0.1548170400 -0.179786360 -0.2770793200  
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## 151 0.087381154 -0.2209385000 -0.156306180 -0.1734842900  
## 152 -0.027792432 -0.3191361300 -0.156306180 -0.2850892500  
## 153 -0.028194046 -0.2695178100 -0.186506440 -0.2907416500  
## 154 0.027044075 -0.1698481800 -0.046241968 -0.1123823100  
## 155 0.097693296 -0.1698481800 -0.046241968 -0.1123823100  
## 156 0.094817271 -0.2329470900 -0.172488350 -0.1748224500  
## 157 0.089389785 -0.2329470900 -0.155299250 -0.1012032800  
## 158 0.051974091 -0.1609324100 -0.155299250 -0.1012032800  
## 159 -0.003288865 -0.0843499270 -0.140584060 -0.1489671300  
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## 161 -0.046491370 -0.2501009600 -0.103696640 -0.2637468100  
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## 164 0.065574401 -0.1978664300 -0.119477710 -0.2413949200  
## 165 0.010030572 -0.1978664300 -0.211335560 -0.2413949200  
## 166 -0.051791478 -0.2742241900 -0.215837290 -0.1997045100  
## 167 0.068844658 -0.4092425900 -0.215837290 -0.1997045100  
## 168 0.023588898 -0.0611878210 -0.092216233 -0.0572545590  
## 169 -0.034318676 -0.0611878210 -0.092216233 -0.2034331000  
## 170 -0.013183113 -0.1143630700 -0.080474276 -0.1553401500  
## 171 0.096208498 -0.2494750700 -0.010268523 -0.1553401500  
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## 173 0.008757936 -0.1330914700 -0.018965860 -0.0696922770  
## 174 0.101209930 -0.0819144360 -0.018965860 -0.0696922770  
## 175 -0.001755883 -0.0075010747 -0.247433040 -0.0826108350  
## 176 0.005103513 0.0807192740 -0.248092770 -0.2628381600  
## 177 -0.885369010 -0.9371733900 -0.555058400 -0.7171582000  
## tBodyAcc-min()-X tBodyAcc-min()-Y tBodyAcc-min()-Z tBodyAcc-sma()  
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## 22 0.849686270 0.68945922 0.84986038 -0.997651210  
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## 25 0.852528930 0.69354066 0.84726168 -0.994401500  
## 26 0.850440260 0.69188515 0.84156459 -0.995654540  
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## 28 0.716476230 0.65581306 0.80898559 -0.536972890  
## 29 0.826365550 0.65581306 0.80898559 -0.932711740  
## 30 0.847724930 0.66274101 0.83760928 -0.976273490  
## 31 0.503460780 0.66074284 0.56843660 -0.806564850  
## 32 0.503460780 0.66074284 0.56843660 -0.456423630  
## 33 0.566315760 0.68182878 0.80528959 -0.578948430  
## 34 0.801035790 0.67680924 0.80528959 -0.911972110  
## 35 0.842807570 0.67680924 0.81998135 -0.970097120  
## 36 0.842807570 0.69495193 0.84887263 -0.994365200  
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## 38 0.850257810 0.69609189 0.84248372 -0.997548970  
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## 108 0.165534010 -0.16290617 0.40683418 -0.042613154  
## 109 0.251780350 -0.16290617 0.43603360 -0.060869031  
## 110 0.251780350 -0.01070852 0.44651917 -0.089186604  
## 111 0.309447810 -0.01070852 0.45319139 -0.136891450  
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## 129 0.210398270 -0.22828834 0.46726714 -0.105280690  
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## 135 0.060543611 -0.04399357 0.06836439 0.154693670  
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## 143 -0.080068708 0.13961058 0.44911368 0.043607949  
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## 147 -0.083023253 0.05741544 0.42841653 0.021180007  
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## 149 -0.145450480 0.16428642 0.44211554 -0.038386541  
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## 151 0.145239960 0.11676394 0.37135921 -0.124637570  
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## 153 0.237048120 0.09134202 0.49329446 -0.111983060  
## 154 0.288252910 0.09134202 0.38349808 -0.093361317  
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## 83 -0.6996558 -0.738225830 -0.6516491  
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## 90 -0.7090227 -0.777616640 -0.7357045  
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## 93 -0.6842913 -0.706129370 -0.6776426  
## 94 -0.6943638 -0.736035220 -0.7193823  
## 95 -0.6823687 -0.762497790 -0.7182126  
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## 101 -0.6284922 -0.791504400 -0.7499626  
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## 103 -0.7076966 -0.710490730 -0.7306137  
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## 105 -0.7022418 -0.728065470 -0.6849633  
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## 118 -0.7256381 -0.784076300 -0.7419523  
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## 130 -0.4276110 -0.782024760 -0.7341452  
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## 2 -0.99915036 -0.9778655000 -0.948224780 -0.714891660  
## 3 -0.99713008 -0.9648098900 -0.974675000 -0.592235140  
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## 6 -0.99758385 -0.9918468100 -0.995413570 -0.751869080  
## 7 -0.99686258 -0.9724023600 -0.982863830 -0.637184960  
## 8 -0.99576798 -0.9758468700 -0.986828570 -0.633239420  
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## 15 -0.98937379 -0.7695368300 -0.869028710 -0.163202860  
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## 177 -0.97828984 -0.9277396500 -0.918530900 -0.458626270  
## tBodyAcc-entropy()-Y tBodyAcc-entropy()-Z tBodyAcc-arCoeff()-X,1  
## 1 -0.67933751 -0.6021218700 0.929293510  
## 2 -0.50093000 -0.5709790600 0.611627160  
## 3 -0.48582066 -0.5709790600 0.273024840  
## 4 -0.85093004 -0.9118715700 0.061435711  
## 5 -0.55947687 -0.7614338400 0.313275530  
## 6 -0.45477250 -0.5508815400 0.390052110  
## 7 -0.51475133 -0.5365527600 0.360460180  
## 8 -0.74387744 -0.8224081200 0.363063950  
## 9 -0.52481198 -0.7585241200 0.358267710  
## 10 -0.29455303 -0.4797107700 0.192862600  
## 11 -0.39674770 -0.4239002100 0.345507600  
## 12 -0.77507130 -0.6025762100 0.342965930  
## 13 -0.67399747 -0.7546591900 0.157461990  
## 14 -0.55377311 -0.5508815400 0.412097030  
## 15 0.05464478 0.0730028600 0.157862840  
## 16 -0.66763441 -0.7616251100 0.291043700  
## 17 -0.48190674 -0.6769158400 0.193144860  
## 18 -0.49609317 -0.5445591600 0.335716020  
## 19 -0.75322464 -0.6698117500 0.322572020  
## 20 -0.66103907 -0.7291389200 0.284945380  
## 21 -0.60838995 -0.6252615300 0.405067990  
## 22 -0.73493716 -0.6046132200 0.445365150  
## 23 -0.81314755 -0.6925983500 0.322554000  
## 24 -0.62171508 -0.6092054700 0.295756720  
## 25 -0.45340072 -0.4727479100 0.176466720  
## 26 -0.51727554 -0.5546308900 0.300732380  
## 27 -0.75315631 -0.5725111400 0.504025500  
## 28 0.55583606 0.1738077000 -0.041077609  
## 29 -0.48263791 -0.6928231100 0.092021479  
## 30 -0.39770723 -0.4734231900 0.323712230  
## 31 0.13570009 -0.2202206700 -0.343954990  
## 32 0.67312385 0.4934333400 -0.390833480  
## 33 0.72545068 0.2610604000 -0.185872800  
## 34 -0.21818565 -0.7228462000 -0.070904087  
## 35 -0.62233741 -0.5211628700 0.189093260  
## 36 -0.57831391 -0.5710668900 0.199256600  
## 37 -0.72337814 -0.7257973300 0.292179620  
## 38 -0.66445583 -0.6079623900 0.200566830  
## 39 0.08287955 -0.6466394100 0.017079776  
## 40 0.01436901 -0.6032063000 -0.022325008  
## 41 -0.61174758 -0.6344021900 0.029612674  
## 42 -0.66021127 -0.5762437400 0.057191441  
## 43 -0.37377648 -0.6116637100 0.148767900  
## 44 -0.45169492 -0.6746952600 0.191700270  
## 45 -0.61318133 -0.6193924600 0.225848040  
## 46 -0.45550397 -0.5618116300 0.182799630  
## 47 -0.54961143 -0.6324921500 0.222439520  
## 48 -0.62023971 -0.5225168000 0.204487100  
## 49 -0.51639401 -0.5078488400 0.245613210  
## 50 -0.64253876 -0.7294754900 0.295985110  
## 51 -0.57518399 -0.5162352600 0.298592390  
## 52 -0.40393562 -0.2687902600 -0.363920440  
## 53 -0.79809120 -0.2995051500 0.002718461  
## 54 -0.78410799 -0.6136930600 0.109425620  
## 55 -0.77437048 -0.6987927500 0.192407560  
## 56 -0.77437048 -0.6380496300 0.286518250  
## 57 -0.79877241 -0.6076725400 0.204485470  
## 58 -0.76878471 -0.6630663100 0.145169960  
## 59 -0.77748596 -0.5893517300 0.189229750  
## 60 -0.78192551 -0.5193342700 0.150169880  
## 61 -0.67236287 -0.5499224800 0.192201970  
## 62 -0.67668474 -0.6190153600 0.287750100  
## 63 -0.78614445 -0.5533773300 0.392567920  
## 64 -0.77437048 -0.6137056000 0.370626610  
## 65 -0.16670018 0.0959806810 -0.036349402  
## 66 -0.51040234 -0.4970811200 -0.185692640  
## 67 -0.17171626 0.3564189000 -0.481224240  
## 68 0.04512077 0.5761387700 -0.466783130  
## 69 0.42107625 -0.3887821000 -0.413736630  
## 70 0.62055374 -0.6325677000 -0.278009750  
## 71 0.03428017 0.3897210300 -0.254435340  
## 72 -0.95624852 0.9133893400 -0.268960010  
## 73 -0.57308512 0.1852226500 -0.396414960  
## 74 0.10707749 -0.6369990900 0.067963238  
## 75 0.11030984 -0.4598929800 0.129928850  
## 76 -0.32158971 -0.5192258000 0.184712730  
## 77 -0.35621467 -0.6498549200 0.181507390  
## 78 -0.45118231 -0.6733648100 0.188611880  
## 79 0.28635107 -0.0320073930 -0.591173970  
## 80 0.26495523 0.1012768100 -0.540624480  
## 81 0.48325410 -0.0359126260 -0.358261000  
## 82 0.42468923 -0.0275614640 -0.516604710  
## 83 0.39536522 0.0022025540 -0.623747140  
## 84 0.48573092 0.0757575350 -0.484377460  
## 85 0.41582094 0.2164453500 -0.568698140  
## 86 0.25655498 0.0911921860 -0.593228300  
## 87 0.38204084 0.0182221240 -0.354359420  
## 88 0.40761230 0.0339949690 -0.309839060  
## 89 0.40393269 -0.1061597700 -0.367341470  
## 90 0.44071518 -0.1519668200 -0.476275940  
## 91 0.37753839 0.0136448460 -0.540021220  
## 92 0.51925191 0.1995130100 -0.477016560  
## 93 0.49287166 0.1550421100 -0.249389840  
## 94 0.41025759 0.0341850470 -0.272955580  
## 95 0.47671299 0.0134919850 -0.433940240  
## 96 0.40857812 -0.0031555232 -0.519559750  
## 97 0.42362731 -0.0210265720 -0.347411990  
## 98 0.45187411 0.0784970170 -0.265973090  
## 99 0.42145870 -0.0740343860 -0.262225430  
## 100 0.46242807 0.1820406000 -0.099962929  
## 101 0.35408097 0.1821851100 -0.199466390  
## 102 0.43844100 -0.0095968208 -0.128394990  
## 103 0.50452885 -0.0546093560 -0.284371320  
## 104 0.42746130 -0.0036477533 -0.490218190  
## 105 0.44686067 0.1034204400 -0.450627230  
## 106 0.47501350 0.1833086300 -0.441665450  
## 107 0.47501350 0.0488814900 -0.299850350  
## 108 0.41558288 -0.0261546350 -0.135302340  
## 109 0.39906969 -0.0520209620 -0.108210660  
## 110 0.41998743 -0.0501206760 -0.113138890  
## 111 0.44466118 0.0790804640 -0.148221090  
## 112 0.32258277 0.0646412740 -0.274395050  
## 113 0.36932975 -0.0418132290 -0.190552140  
## 114 0.44141242 -0.0928738100 -0.311794870  
## 115 0.44676279 -0.0488003130 -0.522390360  
## 116 0.45706325 0.0747478180 -0.449174590  
## 117 0.43230608 0.2061698100 -0.441834490  
## 118 0.41982622 0.1016019400 -0.488369640  
## 119 0.39008629 -0.1379733700 -0.309385510  
## 120 0.46513035 -0.0845238080 -0.438267680  
## 121 0.55465083 -0.0448950800 -0.294024920  
## 122 0.43749521 -0.0539735790 -0.133616160  
## 123 0.35178419 -0.0663228970 -0.316763940  
## 124 0.37483750 0.0446844390 -0.418403090  
## 125 0.46693409 0.0988821870 -0.411298410  
## 126 0.35255745 0.2194424500 -0.293143250  
## 127 0.20892813 0.1846420900 -0.444154780  
## 128 0.28562890 0.1153448800 -0.455941940  
## 129 0.34777810 0.1001139500 -0.593795200  
## 130 0.47977839 0.1728482900 -0.412399190  
## 131 0.37460868 0.1620754900 -0.421978570  
## 132 0.30611561 0.2608363300 -0.482684980  
## 133 0.39065002 0.3237573600 -0.391228020  
## 134 0.33825446 0.1950677000 -0.585966580  
## 135 0.41256235 0.4877274000 -0.097506372  
## 136 0.32411717 0.1825891800 -0.410432700  
## 137 0.45655582 -0.0344534320 -0.350085150  
## 138 0.47958899 -0.0009498576 -0.134710840  
## 139 0.48627756 -0.0123743430 -0.308909010  
## 140 0.43263578 0.2064360800 -0.818455760  
## 141 0.34226897 0.3092265300 -0.413866820  
## 142 0.35030030 0.0521021390 -0.343882660  
## 143 0.39273158 0.3048596500 -0.504317760  
## 144 0.36847375 0.2027336600 -0.547478530  
## 145 0.24294618 0.0375585570 -0.487637500  
## 146 0.16895801 0.1680204400 -0.374674260  
## 147 0.34241874 0.0965528770 -0.219740960  
## 148 0.31866893 0.0840663040 -0.225823750  
## 149 0.45205337 0.3535869900 -0.231744200  
## 150 0.36552765 0.3139735300 -0.439111820  
## 151 0.15016008 0.1271431400 -0.239109050  
## 152 0.27355114 -0.0921892250 -0.409604790  
## 153 0.42345884 -0.0152623160 -0.532527870  
## 154 0.39314750 -0.0120416680 -0.597718620  
## 155 0.40867320 -0.0236134790 -0.681925190  
## 156 0.43775432 0.1368050800 -0.650261300  
## 157 0.28016993 0.0009848169 -0.407681670  
## 158 0.28111573 -0.1142156700 -0.270585570  
## 159 0.16572748 0.1692938700 -0.489026340  
## 160 0.31543503 0.0125566280 -0.682644720  
## 161 0.35699414 0.0034781290 -0.523938160  
## 162 0.33819620 -0.0365011660 -0.490941160  
## 163 0.30574344 -0.0936023070 -0.498781980  
## 164 0.36334551 -0.0960944580 -0.386907270  
## 165 0.19822373 -0.0242020180 -0.438680990  
## 166 0.10251750 0.0233953890 -0.608429720  
## 167 0.22907828 0.0138246600 -0.898101920  
## 168 0.17091661 -0.0567048630 -0.613807990  
## 169 0.34846479 -0.0727641950 -0.635166530  
## 170 0.38890416 -0.0319636780 -0.589611910  
## 171 0.41867725 -0.1146203100 -0.558701580  
## 172 0.30675626 -0.0924236970 -0.579889500  
## 173 0.38293855 -0.0209813690 -0.631871230  
## 174 0.42468923 0.0081106992 -0.703640170  
## 175 0.28404111 -0.0624176640 -0.470634960  
## 176 0.23797018 0.0110962410 -0.144525200  
## 177 -0.60368037 -0.5139643600 0.380895630  
## tBodyAcc-arCoeff()-X,2 tBodyAcc-arCoeff()-X,3 tBodyAcc-arCoeff()-X,4  
## 1 -0.853011140 0.359909760 -0.058526382  
## 2 -0.329548620 0.284213210 0.284594540  
## 3 -0.086308698 0.337201510 -0.164738700  
## 4 0.074839555 0.198204030 -0.264307330  
## 5 -0.131207730 0.191160850 0.086903625  
## 6 -0.182272380 0.158751500 0.187312560  
## 7 -0.233335090 0.226456710 0.069525313  
## 8 -0.300719100 0.346866580 -0.063693617  
## 9 -0.253308620 0.266929210 -0.124250260  
## 10 -0.021212436 0.037914663 0.190540170  
## 11 -0.173995630 0.178122810 0.169443890  
## 12 -0.323938110 0.371005910 -0.107567610  
## 13 -0.046057965 0.048849273 0.004906740  
## 14 -0.128236910 0.265079770 0.067705297  
## 15 -0.160336380 0.190318760 -0.321830340  
## 16 -0.160034290 0.144970720 0.067883442  
## 17 -0.040289908 0.109504970 -0.046524407  
## 18 -0.136045540 0.205666820 -0.047574216  
## 19 -0.135412570 -0.018095622 0.364225470  
## 20 -0.121780530 -0.074247996 0.536003280  
## 21 -0.217908430 0.176361910 0.255021920  
## 22 -0.249919670 0.282190170 -0.114231300  
## 23 -0.126927060 0.121102910 0.089860259  
## 24 -0.075732760 -0.027520221 0.238771700  
## 25 -0.011826038 -0.029310417 0.205731450  
## 26 -0.138537240 0.288761400 -0.089848413  
## 27 -0.195202460 0.266260620 -0.098672529  
## 28 0.013076571 0.073864994 -0.318717240  
## 29 -0.094523029 0.043629598 -0.163651590  
## 30 -0.275756360 0.143518800 -0.148109330  
## 31 0.212233630 -0.045386022 -0.033376283  
## 32 0.270712140 -0.030774429 -0.172074320  
## 33 0.166933740 0.017569638 -0.359703950  
## 34 -0.040270944 -0.054590187 0.097401421  
## 35 -0.086808630 -0.103538640 -0.138056050  
## 36 -0.148482760 -0.076110358 0.033457894  
## 37 -0.239373220 0.288675030 -0.360761420  
## 38 -0.160644950 0.255441040 -0.265838970  
## 39 0.029881469 -0.001446967 -0.293755040  
## 40 0.062825176 0.086942735 -0.310534020  
## 41 0.037375697 -0.040398082 0.218167510  
## 42 0.089458701 -0.245310350 0.417355880  
## 43 -0.024023285 -0.159301940 0.372665790  
## 44 -0.094974188 -0.178918110 0.311769880  
## 45 -0.090667000 -0.111683430 0.163934320  
## 46 0.016764152 -0.069466124 0.097918287  
## 47 0.073739020 -0.159330040 0.265688630  
## 48 0.055450248 -0.089250166 0.102674800  
## 49 -0.112750520 0.254890820 -0.292521780  
## 50 -0.193780100 0.228139980 -0.126825700  
## 51 -0.139160890 0.135872690 0.013412649  
## 52 0.317029510 -0.251313730 0.043180800  
## 53 -0.052910795 0.019408991 -0.044117436  
## 54 -0.049453623 -0.187832830 0.388618600  
## 55 -0.050628914 -0.031237388 0.401260570  
## 56 -0.135153280 0.057308621 0.392755650  
## 57 -0.031294075 -0.071679080 0.489052250  
## 58 0.004176386 -0.108410230 0.495194800  
## 59 -0.055480743 0.024945515 0.271965090  
## 60 -0.024122557 -0.051364175 0.312012330  
## 61 -0.012556749 -0.117735730 0.548150430  
## 62 -0.064772433 -0.063304191 0.588991820  
## 63 -0.185940770 0.217984280 0.364975680  
## 64 -0.153877340 0.156934520 0.285926940  
## 65 -0.117841300 0.060712407 0.027187625  
## 66 0.174121460 -0.279583460 0.132654040  
## 67 0.324892090 -0.206791490 0.120194550  
## 68 0.310922480 -0.211029070 0.137501630  
## 69 0.325654640 -0.307366600 0.165425580  
## 70 0.380699770 -0.546169280 0.249501470  
## 71 0.236801110 -0.184037950 -0.034750647  
## 72 0.205321380 -0.066560942 -0.127284020  
## 73 0.384982000 -0.125533900 -0.021215416  
## 74 -0.018980373 0.140465460 -0.338375920  
## 75 0.003840868 0.130168820 -0.237697540  
## 76 -0.081654752 -0.002233010 0.118187040  
## 77 -0.094858756 0.127913310 -0.025653212  
## 78 0.009761330 -0.050900430 0.251905980  
## 79 0.683983800 -0.557770190 0.348688700  
## 80 0.569795300 -0.369516240 0.171044700  
## 81 0.377803610 -0.288019180 0.236873040  
## 82 0.601612760 -0.563007550 0.391750950  
## 83 0.728816530 -0.761506100 0.536872780  
## 84 0.523175500 -0.575652300 0.531365950  
## 85 0.672865970 -0.628274320 0.436001800  
## 86 0.722126770 -0.595063330 0.312589850  
## 87 0.195413300 0.183952890 -0.112109160  
## 88 0.235180590 -0.018028955 0.050807906  
## 89 0.381181210 -0.286606910 0.239761360  
## 90 0.565515280 -0.528986600 0.381785720  
## 91 0.605052780 -0.595133720 0.467729780  
## 92 0.463486770 -0.365671050 0.324426210  
## 93 0.180936340 0.025768637 0.035541806  
## 94 0.207026260 0.145677280 -0.212714290  
## 95 0.442077920 -0.151952620 -0.025964285  
## 96 0.559812550 -0.307260110 0.091938147  
## 97 0.313735690 0.069717608 -0.187205940  
## 98 0.252183110 0.059798120 -0.098621961  
## 99 0.199957920 0.023418298 0.033717385  
## 100 -0.000296568 0.212866810 -0.018902183  
## 101 0.118289100 0.094814216 0.026381769  
## 102 0.067622570 0.130313470 -0.033672441  
## 103 0.289925560 -0.181360040 0.118996050  
## 104 0.570008210 -0.515714040 0.342494800  
## 105 0.473563480 -0.370034450 0.266231140  
## 106 0.437818150 -0.321074250 0.247230360  
## 107 0.316926400 -0.208392160 0.231341040  
## 108 0.096031586 0.102478070 -0.019376659  
## 109 0.020622529 0.211630930 -0.094788605  
## 110 0.059871689 0.159722870 -0.040398044  
## 111 0.127997570 0.074237982 0.013975387  
## 112 0.287745760 -0.296471720 0.393096860  
## 113 0.200520400 -0.134714380 0.211183110  
## 114 0.359476980 -0.309509360 0.275257700  
## 115 0.588291390 -0.533950440 0.388874860  
## 116 0.472036340 -0.358672410 0.243533800  
## 117 0.484235600 -0.361462890 0.240303390  
## 118 0.581030290 -0.478360470 0.310306240  
## 119 0.319794090 -0.167899090 0.115317500  
## 120 0.450063750 -0.179890060 0.045067124  
## 121 0.288959110 -0.037652155 0.029502472  
## 122 0.108636570 0.068942181 0.025369425  
## 123 0.341109390 -0.099724507 0.074865080  
## 124 0.419060180 -0.179617730 0.096209503  
## 125 0.458348230 -0.304195430 0.160889570  
## 126 0.229463380 -0.114496880 0.105618190  
## 127 0.432128590 -0.378887780 0.285895970  
## 128 0.498215320 -0.520628360 0.393765810  
## 129 0.647288590 -0.612513460 0.389275180  
## 130 0.383345810 -0.374085280 0.377599820  
## 131 0.446205350 -0.508139770 0.475390120  
## 132 0.591050980 -0.789742910 0.697456820  
## 133 0.409579520 -0.578256420 0.621914430  
## 134 0.630218840 -0.669075950 0.518975390  
## 135 0.061074712 -0.105104280 0.255578760  
## 136 0.387774570 -0.331766860 0.285901620  
## 137 0.292700300 -0.107002070 0.055744237  
## 138 0.055728804 -0.035137256 0.217298400  
## 139 0.240359600 -0.300679380 0.444082980  
## 140 0.916678850 -0.895520810 0.545080110  
## 141 0.365163780 -0.264482290 0.241515010  
## 142 0.244160470 -0.206885550 0.324315440  
## 143 0.391953620 -0.128738400 0.041415955  
## 144 0.543217230 -0.471579980 0.324462560  
## 145 0.529644120 -0.397568460 0.156998320  
## 146 0.360484380 -0.311340260 0.302404300  
## 147 0.078076163 -0.064348505 0.325747650  
## 148 0.090883749 0.156515790 -0.119747380  
## 149 0.156970920 -0.047146681 0.069141442  
## 150 0.413408380 -0.418311160 0.384174520  
## 151 0.011042400 0.322400720 -0.196053380  
## 152 0.196007360 0.127804580 -0.064948177  
## 153 0.314020740 0.003113331 0.025224810  
## 154 0.429118060 -0.127129610 0.046959369  
## 155 0.639045950 -0.429372190 0.186087950  
## 156 0.630620180 -0.460570190 0.235254890  
## 157 0.307785270 -0.068017371 0.008084339  
## 158 0.103740500 0.194482200 -0.174735140  
## 159 0.385898960 -0.128208540 0.027407828  
## 160 0.649145320 -0.491076010 0.283134850  
## 161 0.384887970 -0.128153110 0.094952254  
## 162 0.386307950 -0.170955630 0.140485550  
## 163 0.421714290 -0.230499390 0.130583380  
## 164 0.297268010 -0.100517110 0.051122023  
## 165 0.340330670 -0.165758490 0.131280110  
## 166 0.474863450 -0.259557110 0.191215290  
## 167 0.853048770 -0.631418900 0.313082780  
## 168 0.515689500 -0.297360490 0.152320470  
## 169 0.667339340 -0.654072740 0.437746540  
## 170 0.633658780 -0.729616430 0.597021770  
## 171 0.450593390 -0.225689050 0.125340070  
## 172 0.535804280 -0.331519990 0.109244040  
## 173 0.651930250 -0.547877660 0.273993330  
## 174 0.744597700 -0.700904200 0.441379710  
## 175 0.382185200 -0.241799390 0.191889440  
## 176 -0.101993230 0.536670670 -0.416208410  
## 177 -0.480753200 0.370982360 -0.272128960  
## tBodyAcc-arCoeff()-Y,1 tBodyAcc-arCoeff()-Y,2 tBodyAcc-arCoeff()-Y,3  
## 1 0.256891540 -0.2248476300 0.264105720  
## 2 0.115705420 -0.0909625290 0.294310410  
## 3 0.017150129 -0.0745069330 0.342256310  
## 4 0.072545240 -0.1553198300 0.323153950  
## 5 0.257615350 -0.2725046600 0.434727760  
## 6 0.259951040 -0.2432295800 0.421736150  
## 7 0.064297470 -0.0764385420 0.138057290  
## 8 0.144124230 -0.1323485200 0.083232381  
## 9 0.215323920 -0.1833617400 0.171744820  
## 10 0.039721557 0.0542831630 0.037268005  
## 11 -0.020162546 0.1360335500 -0.114405550  
## 12 0.235922600 -0.1293530200 0.019638015  
## 13 0.296516220 -0.1794091400 0.137175900  
## 14 0.289136320 -0.2406154500 0.315222780  
## 15 -0.315401540 0.2793659000 -0.307210570  
## 16 0.145616030 -0.1928500100 0.055579133  
## 17 0.339750700 -0.4080555000 0.428692340  
## 18 0.203594900 -0.2265879500 0.379312610  
## 19 0.201387330 -0.1142847700 0.279528990  
## 20 0.211987610 -0.2041487800 0.415982240  
## 21 0.294129430 -0.2519759000 0.356811300  
## 22 0.398447520 -0.1764248200 0.091882618  
## 23 0.340898190 -0.1410933000 0.146087330  
## 24 0.246238890 -0.1153847400 0.231171920  
## 25 0.213469490 -0.0983188850 0.087367711  
## 26 0.302416390 -0.1819083400 0.235430960  
## 27 0.491563350 -0.2709413200 0.390317470  
## 28 -0.278188480 -0.1041512100 0.460328950  
## 29 0.011063994 -0.1891503900 0.140096300  
## 30 0.071376294 -0.0987947740 0.121245860  
## 31 -0.330124390 0.1908590100 0.197532240  
## 32 -0.395643240 0.2474132900 0.129830950  
## 33 -0.382767480 0.2675858800 0.007159938  
## 34 -0.079986244 -0.0810142350 0.252911740  
## 35 0.227396010 -0.1164919900 0.020521702  
## 36 0.409985330 -0.2477613700 0.187653690  
## 37 0.548167910 -0.2600207800 0.335884780  
## 38 0.370014280 -0.1341372000 0.204989030  
## 39 -0.005336678 -0.1414161600 0.205519290  
## 40 0.187278850 -0.1363554400 -0.043027660  
## 41 0.133611040 -0.0090804460 -0.088710679  
## 42 0.174122500 -0.0626187900 0.142431740  
## 43 0.085742459 -0.0104302020 0.104622020  
## 44 0.126279480 -0.0984208730 0.200836130  
## 45 0.160953200 -0.1262682200 0.173531050  
## 46 0.088536874 -0.0192859120 -0.029191587  
## 47 0.158289630 -0.0800336960 0.160691440  
## 48 0.152621390 -0.0777623110 0.210891920  
## 49 0.031403406 0.0450463650 -0.008690351  
## 50 0.128943470 -0.0374806950 0.068094598  
## 51 0.285717630 -0.2161437100 0.352186590  
## 52 -0.100244130 0.2072715900 -0.066508561  
## 53 0.252844480 -0.1953368500 0.337589760  
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## 55 0.426478440 -0.1957671300 0.121385070  
## 56 0.521486740 -0.2398845600 0.162534190  
## 57 0.551478380 -0.1572222600 0.238561230  
## 58 0.371025210 -0.1708357600 0.335132840  
## 59 0.331136810 -0.1835558100 0.306873820  
## 60 0.400116850 -0.1755523400 0.200165900  
## 61 0.375964030 -0.1247687900 0.152171650  
## 62 0.294713640 -0.0865432510 0.128665020  
## 63 0.251510560 -0.0830417910 0.103853950  
## 64 0.316038130 -0.1595443100 0.229183560  
## 65 0.268714420 -0.1550531100 0.207974200  
## 66 0.018214905 -0.0535710050 0.096326304  
## 67 -0.439595110 0.1979092600 0.174966540  
## 68 -0.452208960 0.2177996900 0.149630160  
## 69 -0.582091400 0.4916594100 -0.223571500  
## 70 -0.182293670 0.1027110100 0.121860770  
## 71 0.124739470 -0.2590739200 0.190372940  
## 72 0.112903100 -0.2689744300 0.164318720  
## 73 -0.243696740 -0.0171006660 0.105608870  
## 74 -0.344951990 0.1849106000 -0.197277650  
## 75 0.019988252 -0.0428410350 0.023039236  
## 76 0.273450410 -0.2266677100 0.248239970  
## 77 0.176448590 -0.2009530100 0.284066430  
## 78 0.163669370 -0.1382942500 0.216841280  
## 79 -0.332824170 0.3472535900 0.021748796  
## 80 -0.272079630 0.3151566900 -0.018700378  
## 81 -0.227291630 0.2941444800 -0.056331793  
## 82 -0.284317090 0.2524097300 0.107313620  
## 83 -0.110085530 0.1033205300 0.182838030  
## 84 -0.038607873 0.0203432580 0.331436720  
## 85 -0.339112930 0.3054055500 0.107101820  
## 86 -0.294387020 0.3202738700 0.003213260  
## 87 -0.257976630 0.3126983000 -0.060445461  
## 88 -0.247183120 0.2970966800 -0.015439454  
## 89 -0.287710580 0.3109580400 -0.035570442  
## 90 -0.203726680 0.1972008000 0.117503040  
## 91 -0.105545340 0.1440038800 0.086517927  
## 92 -0.145109510 0.1850365900 0.101290150  
## 93 -0.163633770 0.1845414100 0.172140700  
## 94 -0.180753120 0.1795860900 0.169752360  
## 95 -0.174978090 0.1172829100 0.292726930  
## 96 -0.165293660 0.1003057000 0.265526830  
## 97 -0.258083620 0.2531429200 0.112156740  
## 98 -0.015831158 0.0293320320 0.373938080  
## 99 -0.121299950 0.0980179450 0.266272480  
## 100 -0.177667140 0.1825870300 0.126185560  
## 101 -0.087401519 0.1198354700 0.150945500  
## 102 0.006717813 0.0609450000 0.232754770  
## 103 -0.132175980 0.2354126700 0.012072938  
## 104 -0.246038000 0.3486361100 -0.104422270  
## 105 -0.181556770 0.2100914800 0.130293040  
## 106 -0.295012320 0.3454584400 -0.076575015  
## 107 -0.450456640 0.5449600800 -0.305119030  
## 108 -0.154433600 0.1384084700 0.251757590  
## 109 -0.098627211 0.1069889000 0.238732190  
## 110 -0.213215770 0.2542038400 0.007768695  
## 111 -0.217110450 0.2564765200 0.020288262  
## 112 0.025663163 -0.0004257475 0.349915180  
## 113 -0.110245860 0.1027229300 0.258088000  
## 114 -0.240059600 0.2873076100 -0.071521409  
## 115 -0.339057010 0.3506357600 -0.059986020  
## 116 -0.425973300 0.4337252700 -0.057460742  
## 117 -0.518035780 0.5823158400 -0.278740350  
## 118 -0.140911580 0.1483045900 0.209372710  
## 119 0.078179964 -0.1076578600 0.498984530  
## 120 0.022051555 -0.0696932010 0.442516860  
## 121 -0.163741650 0.1889557800 0.118791660  
## 122 0.280944450 -0.2670904200 0.588937910  
## 123 0.259370060 -0.2735552200 0.643523440  
## 124 -0.255967990 0.2346311000 0.184395140  
## 125 -0.400068310 0.3933364600 -0.001928335  
## 126 -0.184432830 0.2944643500 -0.182178970  
## 127 -0.116886560 0.2026681600 -0.041671669  
## 128 -0.187675540 0.2192000700 0.035220798  
## 129 -0.280602430 0.3511408900 -0.191763710  
## 130 -0.220700580 0.3066213800 -0.167624550  
## 131 -0.226891480 0.2893104900 -0.048568110  
## 132 -0.116922280 0.1521410500 0.171923750  
## 133 0.045983262 -0.0132058510 0.457431460  
## 134 -0.066195022 0.0622798030 0.386481850  
## 135 -0.043594722 0.1237666100 -0.043619384  
## 136 -0.075891847 0.1495233900 0.028593659  
## 137 -0.212919020 0.1757138900 0.195642300  
## 138 -0.318122800 0.2610644900 0.156473790  
## 139 -0.420374040 0.5399345900 -0.517418420  
## 140 -0.373329900 0.4866995700 -0.396968630  
## 141 -0.032483386 0.1600979200 -0.028353331  
## 142 0.057359241 0.0494426280 -0.001642887  
## 143 -0.136862130 0.1834983800 0.108167490  
## 144 -0.031529052 0.0401418040 0.281400580  
## 145 -0.123501890 0.0613505580 0.373007200  
## 146 -0.177954950 0.2041519500 0.104951110  
## 147 -0.030179831 -0.0131843460 0.294516980  
## 148 -0.257712810 0.2209989000 0.036561326  
## 149 -0.042191173 0.0457569200 0.196741560  
## 150 0.002861036 0.0718496940 0.253604490  
## 151 -0.115746230 -0.0301626490 0.184199060  
## 152 0.061950317 -0.2260980500 0.273869420  
## 153 -0.286479650 0.1534930700 0.080078707  
## 154 -0.267184850 0.1561435100 0.098751183  
## 155 -0.338030260 0.2373290700 0.110238880  
## 156 -0.539302140 0.4628698600 -0.125150540  
## 157 -0.509471880 0.4508486900 -0.219260070  
## 158 -0.271213490 0.2439986000 -0.077232648  
## 159 -0.367799060 0.2588590900 -0.016059795  
## 160 -0.351012950 0.2755848600 -0.123506650  
## 161 -0.242620320 0.0928894200 0.221633400  
## 162 -0.205943120 0.0241771740 0.313948120  
## 163 -0.453325310 0.3811530400 -0.134686050  
## 164 -0.232781630 0.1113115500 0.195538450  
## 165 -0.199136580 0.0700295010 0.245271520  
## 166 -0.430080310 0.3185192000 -0.019404992  
## 167 -0.283015450 0.1072774400 0.229423680  
## 168 -0.408156660 0.3836150300 -0.311423180  
## 169 -0.399492750 0.4045768600 -0.285487000  
## 170 -0.420701520 0.3907066900 -0.225654950  
## 171 -0.443625820 0.2973949800 0.046925047  
## 172 -0.498057340 0.4239923700 -0.077111727  
## 173 -0.513960430 0.4558338000 -0.115380450  
## 174 -0.478823680 0.3746423900 0.034431714  
## 175 -0.429142440 0.3062293000 0.111168950  
## 176 -0.233625800 0.1411219100 0.285041700  
## 177 0.263649570 -0.4028759900 0.581176130  
## tBodyAcc-arCoeff()-Y,4 tBodyAcc-arCoeff()-Z,1 tBodyAcc-arCoeff()-Z,2  
## 1 -0.095245630 0.278851430 -0.4650845700  
## 2 -0.281210570 0.085988430 -0.0221526940  
## 3 -0.332564480 0.239280530 -0.1362035900  
## 4 -0.170812960 0.294938390 -0.3060809900  
## 5 -0.315375070 0.439744370 -0.2690689500  
## 6 -0.418460050 0.558461370 -0.2183436400  
## 7 -0.036769477 0.231400820 -0.1145772800  
## 8 0.041631384 0.137191760 -0.0922898500  
## 9 -0.068957077 0.241830690 -0.1944194700  
## 10 0.081551086 0.172339930 0.0359950780  
## 11 0.243374640 0.300912390 -0.0764445390  
## 12 0.118295860 0.538257010 -0.2084456500  
## 13 -0.132036790 0.270602020 0.0343579120  
## 14 -0.152404110 0.180577600 0.0503658580  
## 15 0.342621200 -0.082974088 0.0273442900  
## 16 0.249270420 0.337573550 -0.2611671200  
## 17 -0.094966866 0.273914970 -0.2299320000  
## 18 -0.213396000 0.101400720 -0.0072708945  
## 19 -0.092519141 0.461361840 -0.2424503500  
## 20 -0.271716740 0.542898470 -0.3334753000  
## 21 -0.080195620 0.405044320 -0.0904448590  
## 22 0.180639090 0.467338930 -0.0741434560  
## 23 0.045064128 0.490784270 -0.2044076100  
## 24 -0.086456111 0.351227630 -0.1605728800  
## 25 -0.024368358 0.420898360 -0.1373397900  
## 26 -0.197368130 0.424560540 -0.0825305880  
## 27 -0.136461800 0.469383000 -0.1145901900  
## 28 -0.113998240 -0.199215080 -0.0983379910  
## 29 0.263917250 0.346852340 -0.3109658100  
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## 34 -0.115908860 -0.046817772 -0.0362247140  
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## 38 0.202021960 0.158442520 0.0209145010  
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## 41 0.087291085 0.542863900 -0.3659120000  
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## 43 -0.270504640 0.442195370 -0.1640573300  
## 44 -0.275738380 0.429979080 -0.2747942800  
## 45 -0.149182190 0.279916780 -0.2054861500  
## 46 0.060362799 0.279593410 -0.2128244200  
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## 92 0.077128123 -0.459848330 0.5263249100  
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## 111 0.080936992 -0.027525798 -0.0285421060  
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## 136 0.141032670 -0.019663977 0.1489371900  
## 137 -0.131103370 0.214289150 -0.0282579430  
## 138 -0.159882200 -0.146363820 0.3422565200  
## 139 0.567294120 -0.283577930 0.4549318500  
## 140 0.464013130 -0.109756390 0.1937679200  
## 141 0.207001780 0.157719210 0.0385445310  
## 142 0.185688650 0.175611290 0.0249746670  
## 143 -0.027739660 -0.085464475 0.1897842500  
## 144 -0.187341700 -0.001120027 0.1196990900  
## 145 -0.295364220 -0.341143780 0.4178201700  
## 146 -0.052918842 -0.288053200 0.3515502600  
## 147 -0.063430192 -0.209266620 0.2747174400  
## 148 0.072770942 -0.003707074 0.1079727800  
## 149 -0.064067725 0.204858880 -0.0678631230  
## 150 -0.185173360 0.154597260 -0.0524024260  
## 151 0.151481780 -0.791639360 0.6938141800  
## 152 0.277957020 -0.804012470 0.6685706900  
## 153 0.099290902 -0.562488060 0.3642503300  
## 154 0.038994057 -0.445146080 0.3474768600  
## 155 -0.086384109 -0.667968010 0.6023791100  
## 156 0.025775308 -0.717082360 0.6235328500  
## 157 0.207681570 -0.206249370 0.0078347186  
## 158 0.204334740 -0.227643020 0.0286060340  
## 159 0.102088770 -0.235240040 0.0655124200  
## 160 0.250969590 -0.612169940 0.4375746400  
## 161 -0.082850261 -0.801762220 0.7373444600  
## 162 -0.137282770 -0.533335950 0.4432709300  
## 163 0.098215626 -0.300581250 0.1141510800  
## 164 -0.121291290 -0.552492770 0.3655813300  
## 165 -0.151138170 -0.705009390 0.5665475800  
## 166 0.018831169 -0.539807290 0.3535893000  
## 167 -0.096823173 -0.342062680 0.1367191700  
## 168 0.391219810 -0.369402630 0.0571998980  
## 169 0.337467710 -0.386248640 0.1964214800  
## 170 0.266525740 -0.235485820 0.0940144090  
## 171 0.001476705 -0.254219820 0.0564540520  
## 172 -0.028484519 -0.376683240 0.2078236100  
## 173 -0.028878566 -0.426075060 0.2699612900  
## 174 -0.109842560 -0.234426680 -0.0029246991  
## 175 -0.153023670 -0.161968030 -0.0881849380  
## 176 -0.329475070 -0.412206980 0.3075624400  
## 177 -0.414252660 0.287904090 -0.3961197300  
## tBodyAcc-arCoeff()-Z,3 tBodyAcc-arCoeff()-Z,4 tBodyAcc-correlation()-X,Y  
## 1 0.4919359600 -0.1908835600 3.763139e-01  
## 2 -0.0166565350 -0.2206435000 -1.342866e-02  
## 3 0.1738631800 -0.2994927800 -1.246984e-01  
## 4 0.4821478300 -0.4701287100 -3.056930e-01  
## 5 0.1794141900 -0.0889519540 -1.558043e-01  
## 6 0.1651380700 0.0809201640 -2.099792e-01  
## 7 0.3192043600 -0.4877686300 -9.585211e-02  
## 8 0.3723690900 -0.7209128200 -1.616342e-01  
## 9 0.2167579800 -0.3380264600 -1.647907e-01  
## 10 -0.1849299800 0.3511563100 -1.762412e-01  
## 11 0.0819571560 0.1526787400 8.503662e-03  
## 12 0.3559463900 -0.1304113100 -2.672387e-01  
## 13 -0.0704393430 0.0992572330 -3.523584e-02  
## 14 -0.0398358070 -0.0099919957 4.361884e-02  
## 15 -0.0464711720 -0.0865416920 8.218719e-01  
## 16 0.1767284200 -0.2222396200 3.295932e-01  
## 17 0.0757292870 0.0059085062 2.804974e-01  
## 18 0.0764150620 -0.1536606100 1.533626e-01  
## 19 0.4173039100 -0.1549636600 1.908747e-01  
## 20 0.4021775900 -0.0091204808 1.109392e-01  
## 21 0.0351363290 0.1328816000 6.714224e-02  
## 22 0.0376235250 0.0379021180 1.161994e-01  
## 23 0.2276470000 -0.1967579900 -9.775865e-02  
## 24 0.1230979100 -0.0108207830 -4.120247e-02  
## 25 -0.0726038540 -0.0086808411 -2.237021e-01  
## 26 -0.1097924300 0.0540301000 1.319459e-01  
## 27 0.0496297950 0.0068977860 1.426626e-01  
## 28 0.0522281560 0.2625271500 -9.908432e-01  
## 29 0.2099489200 -0.2601296800 -9.293134e-01  
## 30 0.1842237800 -0.1718655100 -8.382442e-01  
## 31 -0.2609884700 0.3172446400 -2.631720e-02  
## 32 -0.3271514200 0.3160262600 -4.892716e-01  
## 33 -0.4860664900 0.3861566400 -9.611652e-01  
## 34 -0.0321262270 0.0118890680 -9.105816e-01  
## 35 0.2455276100 -0.2235954900 -9.451948e-01  
## 36 -0.0519341930 0.0334616650 -5.623617e-01  
## 37 -0.1674697000 0.0557440600 -4.251698e-01  
## 38 -0.0839147440 -0.0045875060 -3.349185e-01  
## 39 0.1062915400 -0.1298770600 9.110737e-02  
## 40 0.2772433400 -0.1681964300 -6.881026e-01  
## 41 0.4879536100 -0.1930705600 -6.803092e-02  
## 42 0.3537402800 -0.2504119000 -2.315565e-01  
## 43 0.1855428400 -0.1078811500 -2.289923e-01  
## 44 0.2391392800 -0.1466137700 -5.385251e-01  
## 45 0.2775709800 -0.3087187800 -5.766916e-01  
## 46 0.3921244600 -0.4336237300 -3.622969e-01  
## 47 0.3677397700 -0.2733398000 -2.837671e-01  
## 48 0.1027103300 0.0060812922 -1.916099e-01  
## 49 -0.1013955100 0.2084324800 -2.892202e-01  
## 50 -0.0159953090 -0.0153526560 -5.236563e-01  
## 51 0.4163129600 -0.5402690100 -4.481583e-01  
## 52 -0.0287789280 0.0128146290 4.925994e-01  
## 53 -0.0330752700 -0.0935487080 -3.881451e-01  
## 54 0.1591167500 0.2422421300 -1.994605e-01  
## 55 0.3261610000 -0.0387592710 -3.877175e-01  
## 56 0.0162145500 0.0156270060 -2.767338e-01  
## 57 0.0745028220 -0.0808127140 -5.694415e-04  
## 58 0.2103004200 0.0668922700 -3.353533e-02  
## 59 0.1480591500 0.1160284900 -1.883330e-01  
## 60 0.1015070100 -0.0275602460 -3.311530e-01  
## 61 0.1678713400 -0.0339976270 -3.658637e-01  
## 62 0.1770855900 0.0144263590 -2.719595e-01  
## 63 0.1198520700 0.0037223769 -2.070442e-01  
## 64 0.1344284200 -0.1509985600 -2.744124e-01  
## 65 0.1824384000 -0.1560980000 -8.649975e-01  
## 66 0.0831693480 -0.0304638580 -8.359855e-01  
## 67 -0.7042606300 0.6669891000 7.966513e-01  
## 68 -0.6809566900 0.6648192900 8.357193e-01  
## 69 -0.2161692500 0.3981980900 7.864741e-01  
## 70 -0.1017970400 0.0011950869 -2.549271e-01  
## 71 0.6713644400 -0.0603801020 6.580470e-01  
## 72 0.6807938600 -0.0687677270 2.399444e-01  
## 73 0.0809009070 -0.0914833480 3.300118e-01  
## 74 0.2341724000 -0.3718035000 -7.455521e-01  
## 75 0.4113344700 -0.4960309800 -4.057715e-01  
## 76 0.1097676300 0.0033595921 1.395107e-02  
## 77 0.3013578800 0.0222558070 2.427848e-01  
## 78 0.3187082700 -0.1143007500 1.611274e-02  
## 79 -0.1576192900 -0.0746068730 -1.248457e-01  
## 80 -0.2042059300 -0.0823224150 -2.121580e-01  
## 81 0.0376951070 -0.2759246900 -1.877042e-01  
## 82 -0.2120235000 -0.0317331370 -1.957822e-01  
## 83 -0.2297358500 -0.0092529195 -2.249659e-01  
## 84 -0.1038877300 -0.0732325830 -1.517764e-01  
## 85 -0.3865694700 0.1522166200 -4.230655e-02  
## 86 -0.0009630676 -0.1766156900 -4.756858e-02  
## 87 -0.0650766730 -0.1957878300 -2.038029e-01  
## 88 -0.3255126200 -0.0225411370 -2.104071e-01  
## 89 0.0648191620 -0.2339910400 -2.024814e-01  
## 90 0.1395022500 -0.3087620200 -1.955245e-01  
## 91 -0.3691926500 0.0001826986 -2.539221e-01  
## 92 -0.4780653800 0.0295739430 -2.397798e-01  
## 93 0.0434915880 -0.2708236900 -1.448785e-01  
## 94 0.3696232900 -0.4168269900 -1.211412e-01  
## 95 0.3627513900 -0.5266380000 -1.282992e-01  
## 96 0.1312837800 -0.2271152000 -1.194589e-01  
## 97 0.0793781760 -0.2269273000 -9.337665e-02  
## 98 -0.3465425000 0.0681288830 -3.242290e-02  
## 99 0.0681246290 -0.1848185900 -1.287626e-01  
## 100 0.2415308000 -0.2485343300 -2.196403e-01  
## 101 0.0773905880 -0.2038505700 -2.790335e-01  
## 102 -0.1140440900 -0.1642301400 -3.515681e-01  
## 103 -0.1830344600 -0.1797897200 -2.635498e-01  
## 104 -0.3045292300 -0.0909549910 -2.257563e-01  
## 105 -0.0370754150 -0.2397102900 -2.492598e-01  
## 106 -0.0747419570 0.0161344070 -1.625452e-01  
## 107 -0.4570654400 0.2370159300 -9.036127e-02  
## 108 -0.1982052900 0.0042301328 -8.775835e-02  
## 109 0.1716284100 -0.3559197500 -9.515534e-02  
## 110 0.1690989200 -0.2848542700 -1.086301e-01  
## 111 0.2331187100 -0.2898922600 -9.795726e-02  
## 112 0.0830339640 -0.2322868700 5.006771e-05  
## 113 0.5172938900 -0.4946185200 -1.706633e-01  
## 114 -0.0524966390 -0.0955234370 -2.054664e-01  
## 115 -0.0380736800 -0.0233619180 -3.005895e-01  
## 116 0.0051628872 -0.1785690200 -2.878529e-01  
## 117 -0.5878516600 0.1525981500 -1.252213e-01  
## 118 -0.5212030100 0.2385484700 -8.552456e-02  
## 119 -0.4726183800 0.2439408600 -1.206398e-01  
## 120 -0.7725431300 0.3400122700 -2.223586e-01  
## 121 -0.6530555800 0.3071236800 -1.374920e-01  
## 122 -0.5328418400 0.3430759200 -3.712748e-02  
## 123 -0.4328987300 0.0939083820 -7.622737e-02  
## 124 -0.2371259600 -0.0630533340 -8.712714e-02  
## 125 -0.0031563144 -0.1275783800 -1.265371e-01  
## 126 -0.0174529920 -0.3993340100 -5.871938e-01  
## 127 -0.2220307000 -0.0538405820 -6.596103e-01  
## 128 -0.1871316400 -0.0385648930 -5.753611e-01  
## 129 -0.1782515300 -0.0910097570 -4.923729e-01  
## 130 -0.2149386700 -0.0191101170 -3.377426e-01  
## 131 -0.2360264200 -0.1122121600 -2.651824e-01  
## 132 -0.1495702400 -0.2307625000 -3.612827e-01  
## 133 0.3475180800 -0.5080114800 -3.336542e-01  
## 134 0.3118637600 -0.3841874900 -3.953582e-01  
## 135 0.3026597700 -0.3317991900 -6.094743e-01  
## 136 0.0536147230 -0.2171496500 -3.820610e-01  
## 137 0.2760362100 -0.4243693500 -3.724306e-01  
## 138 -0.3518843300 0.0066161681 -4.865320e-01  
## 139 -0.5591216100 0.2166410300 -4.783699e-01  
## 140 0.0201547800 -0.3244115100 -4.367121e-01  
## 141 0.1458362200 -0.3213856600 -4.280787e-01  
## 142 0.1180420000 -0.2455756100 -5.220044e-01  
## 143 -0.1060551700 -0.2190495700 -6.762635e-01  
## 144 -0.0108645610 -0.2968996800 -6.200635e-01  
## 145 -0.1645274300 -0.2511849300 -4.855151e-01  
## 146 -0.1307255000 -0.2059653400 -4.099663e-01  
## 147 -0.1178965700 -0.2246371100 -3.733151e-01  
## 148 0.0976901300 -0.4067888800 -4.819404e-01  
## 149 0.3236749900 -0.5670279400 -5.570271e-01  
## 150 0.3752422600 -0.6058914100 -4.733197e-01  
## 151 -0.4964436300 0.0002531773 -3.359355e-01  
## 152 -0.4552497800 0.0340995950 -3.240915e-01  
## 153 -0.2081744000 0.0710996500 -1.982296e-01  
## 154 -0.4542314800 0.3476278000 -3.287347e-01  
## 155 -0.5664682600 0.1837341500 -3.642974e-01  
## 156 -0.5245986900 0.1212132400 -2.579861e-01  
## 157 0.1628089300 -0.1095510000 -3.052085e-01  
## 158 0.1484822700 -0.0978122300 -2.624055e-01  
## 159 0.0660600740 -0.0644211610 -4.141810e-01  
## 160 -0.2082051700 -0.0415364860 -5.370451e-01  
## 161 -0.6629277700 0.1900764600 -2.916280e-01  
## 162 -0.3872781400 0.1189593500 -2.549968e-01  
## 163 -0.0478693860 0.0688108540 -3.683786e-01  
## 164 -0.2220653200 0.0533876020 -3.404903e-01  
## 165 -0.5582636600 0.3124497500 -4.582023e-01  
## 166 -0.2665289000 0.1520805200 -4.795939e-01  
## 167 -0.0397797130 0.0562613880 -5.030460e-01  
## 168 0.2540648200 -0.1564583200 -3.493923e-01  
## 169 -0.0463825880 -0.0064542750 -3.951242e-01  
## 170 -0.0824709350 0.0925669680 -3.025821e-01  
## 171 0.0494732690 -0.0021022500 -2.911580e-01  
## 172 -0.1109792400 0.0445997120 -3.970664e-01  
## 173 -0.2462209700 0.1762448100 -3.177100e-01  
## 174 0.1212560000 0.0196167960 -2.993451e-01  
## 175 0.1570079200 0.0822624100 -3.921217e-01  
## 176 -0.3796028800 0.2657120700 -4.929229e-01  
## 177 0.3778852700 -0.2034921100 7.751888e-01  
## tBodyAcc-correlation()-X,Z tBodyAcc-correlation()-Y,Z tGravityAcc-mean()-X  
## 1 0.4351291900 0.660790330 0.96339614  
## 2 -0.0726918900 0.579381690 0.96656113  
## 3 -0.1811047900 0.608900140 0.96687810  
## 4 -0.3626540500 0.507458870 0.96761519  
## 5 -0.1897627100 0.599212960 0.96822440  
## 6 -0.1510636500 0.180424440 0.96794820  
## 7 -0.1357287500 0.610845430 0.96792950  
## 8 -0.0171201530 0.561421070 0.96849148  
## 9 -0.0337674930 0.724234330 0.96848115  
## 10 -0.4476509200 0.391866580 0.96841804  
## 11 -0.3559162100 0.227308620 0.96920266  
## 12 -0.1189710900 0.165559700 0.96925328  
## 13 -0.1563049500 0.113964530 0.96899630  
## 14 -0.1438525800 0.097965304 0.96904398  
## 15 0.7376562400 0.945344720 0.94489486  
## 16 0.2379994400 0.538730940 0.95201342  
## 17 0.1271124200 0.538345120 0.95272437  
## 18 -0.0975735370 0.128379300 0.95306401  
## 19 -0.0450073060 0.030811416 0.95360569  
## 20 0.0744527590 0.255497580 0.95359464  
## 21 -0.0393856530 0.205717490 0.95313551  
## 22 0.1088122700 0.119597260 0.95318325  
## 23 0.0844064520 0.107562320 0.95309294  
## 24 -0.0394245740 0.436502030 0.95273161  
## 25 -0.0466234400 0.265221870 0.95321880  
## 26 0.2785706400 0.281048870 0.95419361  
## 27 0.0793481940 0.256807040 0.95458893  
## 28 -0.9503355000 0.985945370 0.87409866  
## 29 -0.2998083800 0.438984800 0.83566368  
## 30 -0.7140091900 0.735455530 0.83695957  
## 31 -0.8579878700 -0.362711770 0.83878762  
## 32 -0.9089087700 0.325029660 0.81080506  
## 33 -0.9416896300 0.887389320 0.70308608  
## 34 -0.7060142100 0.373015880 0.61825810  
## 35 -0.9112514000 0.814631890 0.62206550  
## 36 -0.4679289900 0.308468120 0.62745102  
## 37 -0.2564186800 0.267577420 0.62532313  
## 38 -0.5646424600 0.120851880 0.62577398  
## 39 0.5857231800 0.049251575 0.89093772  
## 40 -0.0222095940 0.147510370 0.87653997  
## 41 -0.2792003400 -0.101087750 0.87482213  
## 42 -0.3338132900 0.103092620 0.87646180  
## 43 0.1080880400 0.088823542 0.87645385  
## 44 0.1242124000 0.206697500 0.87538094  
## 45 -0.2441089900 0.359774940 0.87579788  
## 46 -0.1043611500 0.007964409 0.87599536  
## 47 0.1016747400 -0.052470967 0.87478155  
## 48 -0.2662754100 0.204900100 0.87474639  
## 49 -0.2060593800 -0.173582140 0.87423160  
## 50 -0.2633436800 0.078122989 0.87324201  
## 51 -0.3518577300 0.633790140 0.87410872  
## 52 -0.5933367600 -0.618319770 -0.25504375  
## 53 0.5962099400 -0.476377820 -0.21014776  
## 54 0.0250798850 -0.233307950 -0.20876483  
## 55 0.1967152600 -0.428179090 -0.20956406  
## 56 -0.0395383950 -0.276611570 -0.20874807  
## 57 -0.1881217000 -0.075398299 -0.20871697  
## 58 -0.2156226000 -0.251328290 -0.20863346  
## 59 -0.1380708100 -0.283274690 -0.20856027  
## 60 -0.0677771880 -0.096512059 -0.20760682  
## 61 0.0241406570 -0.206230140 -0.20636268  
## 62 0.0269060960 -0.260664140 -0.20649916  
## 63 0.1487609600 -0.247479800 -0.20702615  
## 64 -0.0482352410 -0.177281500 -0.20699211  
## 65 -0.8984320900 0.691729760 0.04474389  
## 66 0.0295945210 -0.041688365 -0.04772783  
## 67 -0.7210751300 -0.461665340 -0.04169984  
## 68 -0.7336288200 -0.532594680 -0.18770377  
## 69 -0.9356094000 -0.914462910 -0.35145953  
## 70 -0.7239503500 0.094941460 -0.33939193  
## 71 -0.5159215700 -0.260423970 -0.36048000  
## 72 -0.3606972800 0.314430860 -0.57349604  
## 73 -0.5381249000 -0.825469120 -0.74182101  
## 74 -0.4760578400 0.332536210 -0.75672502  
## 75 -0.0631068440 -0.259137660 -0.75607738  
## 76 -0.1592971300 0.078549045 -0.75875146  
## 77 0.0072197632 0.157062240 -0.75643925  
## 78 -0.0512715210 -0.162162880 -0.75507694  
## 79 -0.0092711975 0.247024760 0.94530277  
## 80 -0.0600914350 0.239350960 0.94111300  
## 81 -0.0799682800 0.280470320 0.94636390  
## 82 -0.1583939700 0.446540470 0.95244515  
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## 84 -0.0490540000 0.465737800 0.94574875  
## 85 0.0252521420 0.334366090 0.95021213  
## 86 -0.0696981330 0.259616370 0.94913033  
## 87 -0.0330518080 0.347224970 0.94691727  
## 88 -0.0674707490 0.424385690 0.94686993  
## 89 -0.0612493110 0.358005120 0.94541890  
## 90 -0.1614084700 0.396404620 0.94193674  
## 91 -0.2604583400 0.452535810 0.93746757  
## 92 -0.1092546800 0.434800920 0.93719527  
## 93 -0.0656227310 0.389819050 0.94782306  
## 94 -0.1515387900 0.317656120 0.95736507  
## 95 -0.1807586400 0.252580010 0.95473147  
## 96 -0.1798802500 0.336067170 0.94502756  
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## tGravityAcc-mean()-Y tGravityAcc-mean()-Z tGravityAcc-std()-X  
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## 146 -0.91110726 -0.8637939 -0.8749914  
## 147 -0.90091162 -0.8905265 -0.9254110  
## 148 -0.94146904 -0.8068552 -0.8988002  
## 149 -0.94586130 -0.9116543 -0.9615243  
## 150 -0.94593098 -0.8497507 -0.9772517  
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## 176 -0.98595434 -0.8972809 -0.9802907  
## 177 -0.93673484 -0.8609530 -0.9421767  
## tGravityAcc-mad()-Y tGravityAcc-mad()-Z tGravityAcc-max()-X  
## 1 -0.98441622 -0.8946774 0.89205451  
## 2 -0.98961366 -0.9332404 0.89206031  
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## tGravityAcc-max()-Y tGravityAcc-max()-Z tGravityAcc-min()-X  
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## 5 -0.16678620 0.0916823890 0.98743352  
## 6 -0.16697042 0.0833471210 0.98772183  
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## 73 0.50525393 0.9923207200 -0.71024001  
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## 75 -0.07110420 0.9839122700 -0.70250277  
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## 111 -0.27087232 -0.0319476240 0.95842022  
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## 113 -0.28172208 -0.0381627410 0.94045396  
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## 150 -0.25926055 -0.0087032560 0.94962239  
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## 154 -0.33498294 -0.0495585700 0.91698645  
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## tGravityAcc-min()-Y tGravityAcc-min()-Z tGravityAcc-sma()  
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## 2 -0.11489334 0.10276411 -0.383429550  
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## 4 -0.12133575 0.09575265 -0.400278090  
## 5 -0.12183357 0.09405935 -0.400476520  
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## 7 -0.12009236 0.09408513 -0.416761170  
## 8 -0.12855866 0.08589826 -0.412938330  
## 9 -0.12976410 0.08320776 -0.409741760  
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## 15 -0.31953731 -0.04733557 -0.219787170  
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## 17 -0.23590783 -0.01077803 -0.316175690  
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## 137 -0.25598900 -0.05290340 -0.312724650  
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## tGravityAcc-energy()-X tGravityAcc-energy()-Y tGravityAcc-energy()-Z  
## 1 0.8994686 -0.970905210 -0.97551037  
## 2 0.9078289 -0.970582750 -0.97850045  
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## 4 0.9106207 -0.969399710 -0.98241965  
## 5 0.9122347 -0.967051150 -0.98436258  
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## 15 0.8509581 -0.852220070 -0.99777530  
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## 43 -0.83710607 -0.580574760 -1.000000000  
## 44 -0.69300335 -0.468387760 -0.979718640  
## 45 -0.68885425 -0.550023420 -0.692361880  
## 46 -0.70171731 -0.618063810 -1.000000000  
## 47 -0.83012354 -0.637745690 -1.000000000  
## 48 -1.00000000 -0.725713080 -1.000000000  
## 49 -1.00000000 -0.608021280 -0.716652920  
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## 52 0.33436646 -0.605803720 -0.007340266  
## 53 -0.35760208 -0.593231750 -0.337930930  
## 54 -0.78767400 -0.966824260 -0.693175260  
## 55 -1.00000000 -1.000000000 -0.714350130  
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## 60 -1.00000000 -1.000000000 -0.706328000  
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## 68 0.73789309 0.305524710 0.609886940  
## 69 0.51426485 0.330783810 0.531030300  
## 70 0.37914352 0.414118860 0.575106750  
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## 72 -0.21910371 0.840908420 0.828344510  
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## 102 -0.51781317 -1.000000000 -1.000000000  
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## 148 -0.25386075 -1.000000000 -0.839623990  
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## 150 -0.58888593 -1.000000000 -1.000000000  
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## 153 -0.39907559 -1.000000000 -1.000000000  
## 154 -0.16698265 -1.000000000 -1.000000000  
## 155 -0.15131935 -1.000000000 -1.000000000  
## 156 -0.18266643 -1.000000000 -1.000000000  
## 157 -0.35457660 -1.000000000 -1.000000000  
## 158 -0.31778380 -1.000000000 -1.000000000  
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## 165 -0.46680323 -1.000000000 -1.000000000  
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## 167 -0.54347768 -1.000000000 -1.000000000  
## 168 -0.11553473 -1.000000000 -1.000000000  
## 169 -0.35229482 -1.000000000 -1.000000000  
## 170 -0.32128724 -1.000000000 -1.000000000  
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## 172 -0.31021963 -1.000000000 -1.000000000  
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## 174 -0.29249040 -1.000000000 -1.000000000  
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## 176 -0.44327306 -1.000000000 -1.000000000  
## 177 -0.36108125 -1.000000000 -0.091360443  
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## 2 -0.410055520 0.41385634  
## 3 0.002234132 0.02748069  
## 4 -0.064934877 0.07542720  
## 5 -0.257266810 0.26891819  
## 6 -0.302224840 0.37903209  
## 7 -0.301410750 0.40146416  
## 8 -0.368427260 0.39013017  
## 9 -0.287902890 0.29184819  
## 10 -0.331392630 0.36132765  
## 11 -0.347249550 0.38440621  
## 12 -0.370415400 0.37605091  
## 13 -0.257626360 0.26148898  
## 14 -0.125757520 0.16816440  
## 15 -0.451156920 0.44635787  
## 16 -0.668010680 0.67166052  
## 17 -0.283175970 0.30319968  
## 18 -0.273751210 0.30426162  
## 19 -0.420627270 0.46972548  
## 20 -0.433655170 0.47801048  
## 21 -0.304252820 0.35550763  
## 22 -0.258874190 0.29814548  
## 23 -0.331669120 0.36414095  
## 24 -0.350987610 0.36617151  
## 25 -0.232491220 0.24204734  
## 26 -0.236854720 0.25745982  
## 27 -0.197826470 0.22163515  
## 28 -0.913934570 0.91331398  
## 29 -0.967754530 0.96834514  
## 30 -0.773262510 0.77328808  
## 31 -0.578453380 0.60866944  
## 32 -0.826844980 0.83111843  
## 33 -0.802409920 0.80031092  
## 34 -0.986745470 0.98710235  
## 35 -0.925089430 0.92518522  
## 36 -0.919186490 0.92446526  
## 37 -0.550903470 0.54987335  
## 38 -0.408494610 0.40933083  
## 39 -0.939601910 0.95036490  
## 40 -0.740346860 0.73839709  
## 41 -0.528463390 0.54212387  
## 42 -0.474997360 0.50269198  
## 43 -0.510003330 0.56064557  
## 44 -0.587324200 0.59610041  
## 45 -0.406096820 0.40703144  
## 46 -0.297173330 0.30093447  
## 47 -0.289272420 0.31540433  
## 48 -0.166725220 0.17984323  
## 49 -0.238321220 0.24958371  
## 50 -0.286249440 0.29321832  
## 51 -0.324279070 0.33456158  
## 52 -0.854568490 0.85469944  
## 53 -0.966091750 0.96717140  
## 54 -0.670225450 0.67030484  
## 55 -0.489818820 0.50388785  
## 56 -0.432104200 0.46109629  
## 57 -0.314554830 0.39091861  
## 58 -0.380755410 0.42820276  
## 59 -0.366913220 0.38887747  
## 60 -0.405209300 0.43914050  
## 61 -0.393028690 0.44573729  
## 62 -0.287537410 0.35036394  
## 63 -0.203677470 0.26572422  
## 64 -0.214596460 0.25862799  
## 65 -0.963251180 0.96276768  
## 66 -0.950994560 0.95950622  
## 67 -0.877099780 0.87918240  
## 68 -0.890156550 0.89047435  
## 69 -0.988121580 0.99068891  
## 70 -0.756701150 0.75909936  
## 71 -0.545465120 0.54860976  
## 72 -0.577951790 0.58105559  
## 73 -0.869452110 0.87035280  
## 74 -0.640931040 0.64100515  
## 75 -0.180659740 0.17834097  
## 76 -0.488575540 0.48844837  
## 77 -0.416202260 0.44210407  
## 78 -0.277629280 0.31581761  
## 79 -0.314796240 0.40712903  
## 80 -0.358047220 0.43125234  
## 81 -0.462728720 0.53365030  
## 82 -0.393350640 0.47235130  
## 83 -0.400750740 0.47400855  
## 84 -0.427516910 0.50791476  
## 85 -0.286943230 0.38519347  
## 86 -0.197558550 0.28393822  
## 87 -0.492371600 0.56787720  
## 88 -0.324075590 0.40409421  
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## 90 -0.300846100 0.37621191  
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## 92 -0.431832650 0.52090237  
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## 94 -0.288064860 0.36863133  
## 95 -0.223278420 0.31127102  
## 96 -0.258999670 0.34630937  
## 97 -0.174508010 0.27524324  
## 98 -0.190814730 0.27551170  
## 99 -0.296809140 0.38329917  
## 100 -0.467569750 0.55392779  
## 101 -0.479845960 0.56611074  
## 102 -0.350750980 0.43513527  
## 103 -0.444878050 0.51688424  
## 104 -0.360619050 0.43803412  
## 105 -0.450328060 0.52401226  
## 106 -0.469610400 0.55389697  
## 107 -0.264288550 0.37088712  
## 108 -0.195324250 0.28602035  
## 109 -0.326252900 0.40366683  
## 110 -0.288459670 0.37466362  
## 111 -0.242599070 0.33643484  
## 112 -0.565771770 0.64596649  
## 113 -0.494425260 0.57760342  
## 114 -0.347735620 0.43143655  
## 115 -0.244432600 0.32915651  
## 116 -0.193239820 0.27714724  
## 117 -0.209098830 0.30079797  
## 118 -0.237772870 0.33192182  
## 119 -0.287543580 0.36747554  
## 120 -0.061520469 0.15624053  
## 121 -0.222126630 0.31045335  
## 122 -0.354440660 0.43483460  
## 123 -0.186149130 0.28704377  
## 124 -0.251865470 0.34191301  
## 125 -0.223774710 0.30642740  
## 126 -0.675026260 0.71831361  
## 127 -0.614261190 0.66672427  
## 128 -0.308639080 0.36460785  
## 129 -0.489454070 0.54046837  
## 130 -0.549086330 0.60963773  
## 131 -0.541002830 0.59937062  
## 132 -0.540435570 0.59275448  
## 133 -0.504081010 0.56265834  
## 134 -0.427755110 0.48893105  
## 135 -0.566434090 0.62557390  
## 136 -0.548262310 0.60954239  
## 137 -0.558411890 0.62145750  
## 138 -0.657404930 0.71003887  
## 139 -0.689685110 0.75039303  
## 140 -0.591398970 0.65719938  
## 141 -0.585723300 0.65513657  
## 142 -0.615728620 0.67899622  
## 143 -0.613232030 0.67123531  
## 144 -0.504852250 0.56882660  
## 145 -0.525307610 0.58140220  
## 146 -0.641709900 0.69786243  
## 147 -0.693767640 0.75611985  
## 148 -0.639953240 0.69309217  
## 149 -0.551518860 0.60489810  
## 150 -0.520249010 0.58009806  
## 151 -0.711590370 0.74549269  
## 152 -0.691696370 0.74611330  
## 153 -0.689673390 0.73370248  
## 154 -0.738713880 0.77570897  
## 155 -0.700752550 0.74206418  
## 156 -0.659493690 0.69849569  
## 157 -0.609309690 0.65507854  
## 158 -0.602285080 0.64577203  
## 159 -0.694007500 0.73588676  
## 160 -0.664365490 0.71060955  
## 161 -0.643316850 0.68880634  
## 162 -0.632753050 0.67556424  
## 163 -0.645463100 0.69412773  
## 164 -0.600769200 0.64634149  
## 165 -0.622991410 0.66742360  
## 166 -0.693345800 0.73553943  
## 167 -0.676952110 0.71890130  
## 168 -0.742757900 0.78190413  
## 169 -0.655916750 0.69592184  
## 170 -0.681362900 0.72530748  
## 171 -0.700092000 0.73719057  
## 172 -0.666719960 0.70538486  
## 173 -0.627128740 0.66157765  
## 174 -0.631892930 0.66881889  
## 175 -0.662510840 0.70122988  
## 176 -0.473455610 0.51273804  
## 177 -0.964135940 0.96625316  
## tGravityAcc-arCoeff()-X,3 tGravityAcc-arCoeff()-X,4  
## 1 -0.59177346 0.59246928  
## 2 -0.41756716 0.42132499  
## 3 -0.05672816 0.08553324  
## 4 -0.08582296 0.09620771  
## 5 -0.28066510 0.29261602  
## 6 -0.45722246 0.53679840  
## 7 -0.50287889 0.60560442  
## 8 -0.41156951 0.43283287  
## 9 -0.29541259 0.29871189  
## 10 -0.39175904 0.42277310  
## 11 -0.42220843 0.46073208  
## 12 -0.38122979 0.38607061  
## 13 -0.26446874 0.26666447  
## 14 -0.21004093 0.25139520  
## 15 -0.44147083 0.43665655  
## 16 -0.67509047 0.67846138  
## 17 -0.32260500 0.34146445  
## 18 -0.33499689 0.36602841  
## 19 -0.51949425 0.56999098  
## 20 -0.52273333 0.56788474  
## 21 -0.40744318 0.46010008  
## 22 -0.33736856 0.37658596  
## 23 -0.39699222 0.43030029  
## 24 -0.38150015 0.39708530  
## 25 -0.25145250 0.26081044  
## 26 -0.27805190 0.29871416  
## 27 -0.24584944 0.27055286  
## 28 -0.91230496 0.91109911  
## 29 -0.96854914 0.96856111  
## 30 -0.77303734 0.77268879  
## 31 -0.63738602 0.66465920  
## 32 -0.83517288 0.83918453  
## 33 -0.79787764 0.79529481  
## 34 -0.98705964 0.98681407  
## 35 -0.92491384 0.92446702  
## 36 -0.92942809 0.93425586  
## 37 -0.54856258 0.54712853  
## 38 -0.41000953 0.41067237  
## 39 -0.96093440 0.97148450  
## 40 -0.73614716 0.73377586  
## 41 -0.55575604 0.56948891  
## 42 -0.53071067 0.55915506  
## 43 -0.61212863 0.66452057  
## 44 -0.60475073 0.61341861  
## 45 -0.40759922 0.40793550  
## 46 -0.30454438 0.30812661  
## 47 -0.34202382 0.36922108  
## 48 -0.19277661 0.20561324  
## 49 -0.26097663 0.27260833  
## 50 -0.30028301 0.30756559  
## 51 -0.34489949 0.35541030  
## 52 -0.85449568 0.85414262  
## 53 -0.96787663 0.96840111  
## 54 -0.67012313 0.66984828  
## 55 -0.51781959 0.53173504  
## 56 -0.49014427 0.51933487  
## 57 -0.46771931 0.54493536  
## 58 -0.47584310 0.52372005  
## 59 -0.41110633 0.43370130  
## 60 -0.47366337 0.50886561  
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## 63 -0.32893297 0.39332288  
## 64 -0.30242409 0.34600672  
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## 68 -0.89044929 0.89027057  
## 69 -0.99289579 0.99493808  
## 70 -0.76121314 0.76321478  
## 71 -0.55164421 0.55473779  
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## 73 -0.87092849 0.87136499  
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## 77 -0.46852326 0.49556468  
## 78 -0.35478642 0.39460570  
## 79 -0.49650202 0.58276324  
## 80 -0.50188202 0.56984258  
## 81 -0.60303819 0.67084382  
## 82 -0.54890319 0.62290681  
## 83 -0.54403881 0.61073404  
## 84 -0.58436483 0.65672637  
## 85 -0.47786096 0.56470456  
## 86 -0.36562617 0.44242333  
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## 89 -0.37215986 0.43763930  
## 90 -0.44731263 0.51399667  
## 91 -0.49346853 0.56129748  
## 92 -0.60711071 0.69032810  
## 93 -0.62047045 0.70476356  
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## 95 -0.39493393 0.47407723  
## 96 -0.43037509 0.51104240  
## 97 -0.37116752 0.46204374  
## 98 -0.35562685 0.43096726  
## 99 -0.46523447 0.54242999  
## 100 -0.63955734 0.72439801  
## 101 -0.65189355 0.73714237  
## 102 -0.51600117 0.59320284  
## 103 -0.58662278 0.65402037  
## 104 -0.51192705 0.58216862  
## 105 -0.59591872 0.66598455  
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## 121 -0.39471407 0.47472535  
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## 125 -0.38377180 0.45560283  
## 126 -0.76144298 0.80448855  
## 127 -0.71839454 0.76930150  
## 128 -0.41511621 0.46002377  
## 129 -0.58925471 0.63579281  
## 130 -0.66835732 0.72522062  
## 131 -0.65604491 0.71100915  
## 132 -0.64334493 0.69220294  
## 133 -0.61829838 0.67094561  
## 134 -0.54620993 0.59949567  
## 135 -0.68320710 0.73932326  
## 136 -0.66914423 0.72704590  
## 137 -0.68407759 0.74628220  
## 138 -0.76277200 0.81566281  
## 139 -0.81116922 0.87205650  
## 140 -0.72225039 0.78655027  
## 141 -0.72437742 0.79345148  
## 142 -0.74123622 0.80244741  
## 143 -0.72836498 0.78463570  
## 144 -0.63029521 0.68920250  
## 145 -0.63632152 0.69006690  
## 146 -0.75432776 0.81116079  
## 147 -0.81913524 0.88286995  
## 148 -0.74615641 0.79919661  
## 149 -0.65638368 0.70596580  
## 150 -0.63718451 0.69145652  
## 151 -0.77938582 0.81337304  
## 152 -0.80059347 0.85519390  
## 153 -0.77724696 0.82037178  
## 154 -0.81257406 0.84940495  
## 155 -0.78331129 0.82457777  
## 156 -0.73689015 0.77474670  
## 157 -0.69986039 0.74369386  
## 158 -0.68811490 0.72935231  
## 159 -0.77785598 0.82000141  
## 160 -0.75660158 0.80240536  
## 161 -0.73363168 0.77784467  
## 162 -0.71778719 0.75948070  
## 163 -0.74212562 0.78950158  
## 164 -0.69075024 0.73402869  
## 165 -0.71091702 0.75351606  
## 166 -0.77714942 0.81824246  
## 167 -0.75997241 0.80022278  
## 168 -0.82113872 0.86055913  
## 169 -0.73535291 0.77427790  
## 170 -0.76857044 0.81121055  
## 171 -0.77377165 0.80991595  
## 172 -0.74350090 0.78114088  
## 173 -0.69540036 0.72867284  
## 174 -0.70491359 0.74024225  
## 175 -0.73902774 0.77596631  
## 176 -0.54957027 0.58395054  
## 177 -0.96800937 0.96959603  
## tGravityAcc-arCoeff()-Y,1 tGravityAcc-arCoeff()-Y,2  
## 1 -0.745448780 0.720861670  
## 2 -0.196359290 0.125344640  
## 3 -0.329023040 0.270500250  
## 4 -0.295035970 0.228309730  
## 5 -0.166693110 0.089942719  
## 6 -0.198124800 0.127185220  
## 7 -0.422669540 0.373926320  
## 8 -0.470618290 0.421006680  
## 9 -0.328686860 0.263048380  
## 10 -0.362307510 0.316049520  
## 11 -0.285762790 0.238915140  
## 12 -0.484089070 0.441406300  
## 13 -0.400009460 0.346907510  
## 14 -0.317627660 0.255297740  
## 15 -0.964053110 0.964248120  
## 16 -0.964395330 0.967252180  
## 17 -0.791643830 0.778380140  
## 18 -0.470771380 0.428113150  
## 19 -0.337546380 0.296865180  
## 20 -0.244963350 0.187904870  
## 21 -0.062486800 -0.021620615  
## 22 0.109212830 -0.203790030  
## 23 0.230447550 -0.331849670  
## 24 0.183510460 -0.278260020  
## 25 0.008043701 -0.096987506  
## 26 -0.071545394 -0.013900581  
## 27 -0.260220910 0.202896400  
## 28 -0.984173670 0.984347690  
## 29 -0.982632160 0.984539100  
## 30 -0.929299700 0.922465910  
## 31 -0.577678190 0.553527820  
## 32 -0.711745000 0.685471210  
## 33 -0.895152380 0.884432260  
## 34 -0.961346620 0.956292800  
## 35 -0.919119570 0.917192290  
## 36 -0.781131310 0.765924380  
## 37 -0.122240760 0.046310231  
## 38 0.049578560 -0.098345762  
## 39 -0.969315550 0.972266790  
## 40 -0.938824820 0.933993560  
## 41 -0.897377210 0.895249560  
## 42 0.111910470 -0.220717980  
## 43 -0.075385241 -0.016772114  
## 44 -0.236466700 0.160594320  
## 45 -0.348545130 0.286844520  
## 46 -0.448433230 0.396281920  
## 47 -0.285944590 0.219814830  
## 48 -0.160870650 0.083256247  
## 49 -0.092961733 0.003779329  
## 50 -0.188019060 0.107825320  
## 51 -0.005762273 -0.092335612  
## 52 -0.187045890 0.135312860  
## 53 -0.339439020 0.281036420  
## 54 -0.038813065 -0.031135897  
## 55 -0.221348890 0.194995840  
## 56 -0.141526310 0.094176598  
## 57 0.306573700 -0.387297010  
## 58 0.181139060 -0.261908900  
## 59 -0.061545553 0.004389387  
## 60 0.184287290 -0.272260190  
## 61 0.286572690 -0.395193220  
## 62 0.032344474 -0.120984460  
## 63 -0.292445960 0.254737280  
## 64 -0.179061280 0.138426040  
## 65 -0.787071170 0.765285790  
## 66 -0.924224160 0.920132570  
## 67 -0.706948050 0.702555850  
## 68 -0.723882070 0.706616280  
## 69 -0.894215070 0.884753330  
## 70 -0.671358300 0.655275340  
## 71 -0.738727340 0.729112720  
## 72 -0.770309170 0.777454000  
## 73 -0.973143740 0.972444220  
## 74 -0.941330690 0.951245930  
## 75 -0.949635260 0.947537680  
## 76 -0.940253910 0.941027030  
## 77 -0.657268500 0.629280470  
## 78 -0.350607430 0.303475580  
## 79 -0.099754742 0.129245620  
## 80 -0.068161568 0.113535600  
## 81 -0.118568010 0.144400020  
## 82 -0.106952400 0.153137890  
## 83 0.047689646 0.028930751  
## 84 -0.046807442 0.131256960  
## 85 -0.041294148 0.122920470  
## 86 0.057596692 0.018359118  
## 87 -0.232992740 0.248712940  
## 88 0.038672294 0.020473143  
## 89 0.082676450 -0.010890732  
## 90 0.191663630 -0.130978680  
## 91 0.056898401 0.031283414  
## 92 0.066346150 0.011601381  
## 93 0.040677083 0.029603085  
## 94 0.019268084 0.051523262  
## 95 -0.008634217 0.070779344  
## 96 -0.047982991 0.100615250  
## 97 -0.078947975 0.159265960  
## 98 0.053353790 0.020551892  
## 99 0.087965479 -0.026423634  
## 100 0.036057375 0.042628683  
## 101 0.021924036 0.046105738  
## 102 0.315564410 -0.254688450  
## 103 0.461632640 -0.416612720  
## 104 0.151848070 -0.081305520  
## 105 0.105184800 -0.023129792  
## 106 0.002143357 0.069924373  
## 107 0.223262160 -0.149179100  
## 108 0.026574291 0.035516382  
## 109 -0.044242162 0.101364340  
## 110 -0.002453801 0.065772307  
## 111 0.006303383 0.053256821  
## 112 0.008839420 0.038701805  
## 113 -0.028187781 0.087414329  
## 114 0.098810188 -0.043192637  
## 115 -0.117287060 0.184314770  
## 116 -0.026230655 0.092896102  
## 117 0.093353524 -0.042780514  
## 118 0.054313332 0.001472635  
## 119 0.014168497 0.051578740  
## 120 -0.016158582 0.071039062  
## 121 0.004049538 0.067381677  
## 122 0.062633726 0.002303114  
## 123 0.064485903 -0.002643077  
## 124 -0.018115955 0.077219865  
## 125 -0.055949142 0.109888850  
## 126 -0.239431420 0.252144460  
## 127 -0.241560110 0.247717160  
## 128 -0.177332430 0.185051360  
## 129 -0.190714880 0.215902380  
## 130 -0.132669220 0.185587930  
## 131 -0.123046980 0.131700460  
## 132 -0.116312890 0.109293220  
## 133 0.052097774 -0.050635040  
## 134 0.100348170 -0.087986796  
## 135 -0.252398140 0.293727750  
## 136 -0.098365136 0.149467970  
## 137 -0.208108640 0.216393840  
## 138 -0.219652060 0.223576460  
## 139 -0.344726220 0.406524600  
## 140 -0.215138440 0.258673210  
## 141 -0.170697310 0.174565190  
## 142 -0.331851690 0.358675120  
## 143 -0.107886730 0.159722110  
## 144 -0.063413715 0.107095180  
## 145 -0.269236530 0.264203640  
## 146 -0.186713110 0.170621550  
## 147 -0.333020320 0.341825930  
## 148 -0.404590630 0.410926810  
## 149 -0.359451860 0.369963230  
## 150 -0.017718450 0.030087636  
## 151 -0.675263230 0.695023900  
## 152 -0.653510640 0.695237350  
## 153 -0.525950800 0.539059640  
## 154 -0.483135180 0.497218550  
## 155 -0.403206140 0.419332580  
## 156 -0.533047210 0.545892380  
## 157 -0.525518750 0.554254810  
## 158 -0.455740000 0.504439030  
## 159 -0.674239410 0.686755180  
## 160 -0.639490050 0.684405090  
## 161 -0.496573400 0.513107610  
## 162 -0.548078650 0.563487090  
## 163 -0.477202130 0.478616980  
## 164 -0.456337560 0.470627970  
## 165 -0.577843260 0.615866150  
## 166 -0.633427220 0.666494550  
## 167 -0.525991140 0.548281460  
## 168 -0.680887250 0.703767930  
## 169 -0.493417480 0.532944210  
## 170 -0.400648430 0.412985810  
## 171 -0.540357640 0.562191680  
## 172 -0.444868560 0.461486600  
## 173 -0.327843230 0.331439730  
## 174 -0.188826480 0.195864490  
## 175 -0.292753650 0.304753830  
## 176 -0.195520760 0.188603880  
## 177 -0.911654730 0.919289360  
## tGravityAcc-arCoeff()-Y,3 tGravityAcc-arCoeff()-Y,4  
## 1 -0.712372390 0.71130003  
## 2 -0.105567720 0.10909013  
## 3 -0.254490190 0.25759764  
## 4 -0.206281220 0.20480094  
## 5 -0.066326701 0.06713110  
## 6 -0.107553950 0.11136448  
## 7 -0.362168750 0.36714294  
## 8 -0.405063170 0.40461434  
## 9 -0.239881180 0.23635870  
## 10 -0.310721180 0.32333038  
## 11 -0.238750740 0.25912807  
## 12 -0.431859910 0.43728063  
## 13 -0.332099890 0.33473553  
## 14 -0.236385240 0.23733237  
## 15 -0.966960570 0.97066809  
## 16 -0.972787590 0.97927881  
## 17 -0.778726720 0.78502380  
## 18 -0.419318130 0.42565287  
## 19 -0.299682300 0.32152828  
## 20 -0.179250640 0.19196445  
## 21 0.045996210 -0.04312949  
## 22 0.227295810 -0.21856636  
## 23 0.354015470 -0.34030567  
## 24 0.296586980 -0.28042220  
## 25 0.121400070 -0.11633103  
## 26 0.040235434 -0.03945908  
## 27 -0.192802610 0.20356202  
## 28 -0.985637080 0.98737139  
## 29 -0.987790760 0.99150586  
## 30 -0.920114090 0.91983320  
## 31 -0.557018220 0.57240141  
## 32 -0.677575100 0.67810177  
## 33 -0.880330490 0.87931971  
## 34 -0.953600890 0.95205867  
## 35 -0.920745880 0.92654612  
## 36 -0.764869650 0.77002243  
## 37 -0.026527931 0.03224862  
## 38 0.077227879 -0.02626065  
## 39 -0.977558880 0.98366973  
## 40 -0.933121370 0.93403491  
## 41 -0.900135230 0.90790599  
## 42 0.259465170 -0.26595839  
## 43 0.050518082 -0.05714992  
## 44 -0.132850450 0.12736900  
## 45 -0.266113250 0.26403087  
## 46 -0.379129610 0.37807745  
## 47 -0.199123590 0.19929379  
## 48 -0.058475350 0.05762611  
## 49 0.028159998 -0.03366020  
## 50 -0.078919954 0.07375746  
## 51 0.127868130 -0.13457628  
## 52 -0.135889740 0.15887412  
## 53 -0.264605460 0.26718126  
## 54 0.038848688 -0.01895077  
## 55 -0.220454030 0.26721462  
## 56 -0.103037510 0.13595528  
## 57 0.382754840 -0.34117922  
## 58 0.266809720 -0.23882878  
## 59 -0.008803287 0.04008335  
## 60 0.283915310 -0.26177570  
## 61 0.422459420 -0.41352851  
## 62 0.143777150 -0.13682310  
## 63 -0.263853590 0.29319597  
## 64 -0.151889580 0.18833003  
## 65 -0.756920610 0.75481311  
## 66 -0.921031170 0.92407441  
## 67 -0.718037200 0.74146365  
## 68 -0.707378130 0.71599142  
## 69 -0.882036080 0.88239440  
## 70 -0.661118360 0.67641868  
## 71 -0.737086790 0.75248045  
## 72 -0.801194810 0.83134402  
## 73 -0.973573080 0.97546566  
## 74 -0.965888110 0.98206590  
## 75 -0.948810340 0.95151326  
## 76 -0.946012820 0.95264648  
## 77 -0.623367670 0.62743125  
## 78 -0.298647880 0.31272694  
## 79 -0.223488660 0.34239367  
## 80 -0.226374290 0.36396983  
## 81 -0.232804180 0.34475926  
## 82 -0.263108120 0.39569255  
## 83 -0.176860540 0.34588348  
## 84 -0.284854140 0.46079219  
## 85 -0.275167940 0.45125373  
## 86 -0.169733370 0.34602164  
## 87 -0.318730910 0.40964336  
## 88 -0.151332040 0.30552225  
## 89 -0.133331220 0.29867665  
## 90 -0.008113428 0.17061121  
## 91 -0.194174910 0.38028323  
## 92 -0.164395770 0.34097754  
## 93 -0.174811330 0.34563261  
## 94 -0.195928250 0.36549046  
## 95 -0.202519510 0.35723299  
## 96 -0.219619910 0.36079441  
## 97 -0.307564810 0.47874628  
## 98 -0.170924830 0.34763526  
## 99 -0.109138230 0.26805240  
## 100 -0.194944860 0.37105876  
## 101 -0.186409030 0.35061240  
## 102 0.108726010 0.06207405  
## 103 0.283110620 -0.12633581  
## 104 -0.070218144 0.24869322  
## 105 -0.139317320 0.32919298  
## 106 -0.212377770 0.37732983  
## 107 -0.007058513 0.18805830  
## 108 -0.171066670 0.33201456  
## 109 -0.227132840 0.37686275  
## 110 -0.198759090 0.35442966  
## 111 -0.183539150 0.33751013  
## 112 -0.158557190 0.30460422  
## 113 -0.216093360 0.36868764  
## 114 -0.085027304 0.23516800  
## 115 -0.315127890 0.46729285  
## 116 -0.229496040 0.38980803  
## 117 -0.081838560 0.23050332  
## 118 -0.130767200 0.28482365  
## 119 -0.189532380 0.35184135  
## 120 -0.194085410 0.33956825  
## 121 -0.211282790 0.37978048  
## 122 -0.143747020 0.31190275  
## 123 -0.134032530 0.29588387  
## 124 -0.206718420 0.36066776  
## 125 -0.231115910 0.37568530  
## 126 -0.318367270 0.40520519  
## 127 -0.306522580 0.38569402  
## 128 -0.249192070 0.33463838  
## 129 -0.298063020 0.40123905  
## 130 -0.301243710 0.43900665  
## 131 -0.200712440 0.29261960  
## 132 -0.162375010 0.23908412  
## 133 -0.023399090 0.12579405  
## 134 0.000424771 0.11519548  
## 135 -0.389846090 0.50609966  
## 136 -0.265746380 0.40528316  
## 137 -0.279282960 0.36290976  
## 138 -0.281024230 0.35896475  
## 139 -0.517414640 0.64494451  
## 140 -0.358172060 0.47720802  
## 141 -0.235850880 0.31948747  
## 142 -0.433563610 0.52635679  
## 143 -0.276344050 0.41617972  
## 144 -0.216146530 0.34774784  
## 145 -0.309005480 0.37341923  
## 146 -0.209425980 0.27033994  
## 147 -0.397261370 0.47066592  
## 148 -0.458836430 0.52285831  
## 149 -0.425467700 0.49827599  
## 150 -0.110719170 0.21744334  
## 151 -0.738623760 0.79086252  
## 152 -0.763810620 0.84134660  
## 153 -0.584278230 0.64065122  
## 154 -0.546627480 0.60853797  
## 155 -0.476012430 0.54689832  
## 156 -0.590870990 0.64735761  
## 157 -0.617456790 0.69291780  
## 158 -0.593696740 0.69677013  
## 159 -0.722821900 0.76778397  
## 160 -0.757229210 0.83923108  
## 161 -0.563931240 0.62657990  
## 162 -0.609977030 0.66734220  
## 163 -0.514356870 0.56235920  
## 164 -0.521222540 0.58413879  
## 165 -0.685090150 0.76474586  
## 166 -0.726824500 0.79638158  
## 167 -0.603181980 0.66899591  
## 168 -0.750338170 0.80538208  
## 169 -0.609394920 0.69833662  
## 170 -0.465091670 0.53080213  
## 171 -0.616037790 0.68084709  
## 172 -0.516306780 0.58469836  
## 173 -0.378604860 0.44081543  
## 174 -0.254203380 0.32917246  
## 175 -0.363575470 0.43855257  
## 176 -0.233526390 0.29706475  
## 177 -0.933570130 0.95017889  
## tGravityAcc-arCoeff()-Z,1 tGravityAcc-arCoeff()-Z,2  
## 1 -0.995111590 0.995674910  
## 2 -0.833882110 0.834271100  
## 3 -0.705039190 0.714392000  
## 4 -0.385410230 0.386372720  
## 5 -0.237474450 0.239267970  
## 6 -0.157905880 0.175374770  
## 7 -0.127792640 0.137692160  
## 8 -0.142798190 0.139172630  
## 9 -0.505323810 0.503643180  
## 10 -0.466952030 0.484212970  
## 11 -0.167370370 0.218620190  
## 12 0.021171526 -0.001330397  
## 13 0.006302991 0.011595614  
## 14 -0.106053030 0.133064460  
## 15 -0.951518250 0.957372130  
## 16 -0.940622460 0.952431630  
## 17 -0.639266830 0.647699600  
## 18 -0.301923450 0.300862110  
## 19 -0.183130920 0.198061610  
## 20 -0.162003400 0.195086090  
## 21 -0.123156250 0.157221090  
## 22 -0.022626448 0.073367805  
## 23 -0.190580670 0.225558840  
## 24 -0.316714240 0.342540240  
## 25 -0.388123010 0.413357490  
## 26 -0.208013600 0.219069060  
## 27 -0.004289382 0.010519388  
## 28 -0.998574600 0.999175350  
## 29 -0.956163560 0.964683370  
## 30 -0.691133420 0.688682950  
## 31 -0.869051870 0.889991130  
## 32 -0.910967570 0.917271440  
## 33 -0.872363150 0.871945870  
## 34 -0.983576080 0.984725700  
## 35 -0.869395760 0.868714960  
## 36 -0.777536020 0.788711090  
## 37 -0.085903518 0.087409964  
## 38 -0.168744750 0.174520780  
## 39 -0.780856090 0.790717570  
## 40 -0.449637920 0.451366990  
## 41 -0.203646010 0.224183710  
## 42 -0.186718130 0.207723600  
## 43 -0.109368400 0.141139310  
## 44 -0.453742780 0.500719930  
## 45 -0.481352030 0.487015640  
## 46 -0.444010780 0.446600500  
## 47 -0.398164540 0.416847700  
## 48 -0.362129490 0.376358590  
## 49 -0.360176730 0.369608370  
## 50 -0.409933230 0.421752860  
## 51 -0.146640730 0.147497000  
## 52 -0.832275950 0.831068260  
## 53 -0.808631410 0.812373780  
## 54 -0.579668580 0.596652930  
## 55 -0.140759880 0.197272460  
## 56 -0.271012940 0.295550510  
## 57 -0.206791610 0.226133220  
## 58 -0.139004550 0.163357160  
## 59 -0.350043960 0.379471320  
## 60 -0.371639970 0.389767000  
## 61 -0.253361690 0.264468310  
## 62 -0.281427940 0.304816590  
## 63 -0.171894740 0.200948920  
## 64 -0.023755959 0.034896525  
## 65 -0.922721540 0.922525040  
## 66 -0.754233710 0.795276590  
## 67 -0.874731860 0.885410200  
## 68 -0.881467210 0.883813320  
## 69 -0.966325290 0.966452210  
## 70 -0.813576390 0.821186720  
## 71 -0.712867330 0.721670240  
## 72 -0.713060070 0.718537400  
## 73 -0.676679350 0.672932780  
## 74 -0.933790090 0.944639830  
## 75 -0.408618480 0.405888090  
## 76 -0.285963840 0.297196390  
## 77 -0.021601562 0.066588285  
## 78 -0.051659786 0.090316481  
## 79 -0.606712110 0.622532570  
## 80 -0.492684780 0.523359330  
## 81 -0.329476750 0.353549930  
## 82 -0.380618660 0.410371510  
## 83 -0.378532500 0.408581420  
## 84 -0.286379910 0.313574730  
## 85 -0.196378910 0.221719880  
## 86 -0.212726510 0.236869720  
## 87 -0.687341680 0.699412040  
## 88 -0.590711950 0.621435120  
## 89 -0.453531020 0.479009740  
## 90 -0.468941590 0.493811040  
## 91 -0.328284740 0.354566650  
## 92 -0.173692890 0.200315390  
## 93 -0.069104361 0.097009331  
## 94 -0.117631080 0.142179830  
## 95 -0.179457720 0.203614540  
## 96 -0.258654190 0.285879260  
## 97 -0.347740870 0.377825130  
## 98 -0.307421080 0.332752830  
## 99 -0.615837730 0.639045540  
## 100 -0.576484920 0.600471680  
## 101 -0.445075170 0.471328320  
## 102 -0.102513960 0.129675480  
## 103 -0.100278190 0.125489930  
## 104 -0.209490240 0.241799230  
## 105 -0.312038090 0.340206120  
## 106 -0.436273250 0.458281860  
## 107 -0.290295850 0.319601980  
## 108 -0.301419900 0.336046630  
## 109 -0.295551900 0.322975940  
## 110 -0.350112840 0.374755040  
## 111 -0.450447980 0.473441050  
## 112 -0.330617380 0.366039030  
## 113 -0.474762880 0.504596260  
## 114 -0.396928360 0.423096740  
## 115 -0.358182110 0.386163640  
## 116 -0.384262170 0.408815090  
## 117 -0.313060750 0.340738020  
## 118 -0.358832620 0.388129390  
## 119 -0.355720290 0.378647930  
## 120 -0.360476390 0.382774870  
## 121 -0.432463430 0.459023120  
## 122 -0.523320830 0.552047150  
## 123 -0.529365850 0.556836560  
## 124 -0.416740200 0.440611700  
## 125 -0.554374750 0.580970180  
## 126 -0.428667270 0.443319770  
## 127 0.175934300 -0.163759170  
## 128 -0.130982920 0.148854710  
## 129 -0.139526090 0.155075740  
## 130 -0.044616092 0.063631082  
## 131 0.034258273 -0.013638855  
## 132 0.093149074 -0.079275363  
## 133 0.042772249 -0.028934846  
## 134 0.065077598 -0.039585949  
## 135 -0.253795890 0.278787530  
## 136 -0.277572790 0.299676590  
## 137 -0.117815560 0.136060400  
## 138 -0.098600452 0.109674810  
## 139 -0.258659260 0.273793330  
## 140 -0.310501680 0.331896350  
## 141 -0.211134260 0.239470160  
## 142 -0.246142380 0.274117050  
## 143 -0.491137950 0.514621630  
## 144 -0.461048850 0.484346610  
## 145 -0.105659110 0.123771100  
## 146 -0.297103480 0.319270570  
## 147 -0.439999330 0.458115650  
## 148 -0.317468760 0.336138470  
## 149 -0.348755470 0.372810560  
## 150 -0.284768590 0.303655040  
## 151 -0.747379540 0.758377300  
## 152 -0.607567520 0.629121000  
## 153 -0.585009400 0.596472430  
## 154 -0.738409440 0.749239100  
## 155 -0.710298550 0.723114840  
## 156 -0.792386000 0.804854500  
## 157 -0.747801050 0.761888770  
## 158 -0.750576900 0.765626900  
## 159 -0.739902760 0.753497510  
## 160 -0.650495130 0.667315350  
## 161 -0.605945900 0.622374980  
## 162 -0.614542430 0.629120390  
## 163 -0.681659030 0.695156190  
## 164 -0.710690210 0.723892700  
## 165 -0.818643290 0.833893560  
## 166 -0.823510440 0.835762060  
## 167 -0.712496360 0.723309070  
## 168 -0.783673880 0.797803170  
## 169 -0.694970760 0.710344420  
## 170 -0.794528820 0.810154990  
## 171 -0.782401720 0.797821360  
## 172 -0.740308280 0.752327780  
## 173 -0.838665140 0.850564300  
## 174 -0.805874290 0.818561020  
## 175 -0.716840380 0.730506590  
## 176 -0.748958660 0.760235280  
## 177 -0.915596860 0.937703380  
## tGravityAcc-arCoeff()-Z,3 tGravityAcc-arCoeff()-Z,4  
## 1 -0.995667590 0.9916526800  
## 2 -0.834184380 0.8304639000  
## 3 -0.723298850 0.7287554200  
## 4 -0.387119880 0.3852630600  
## 5 -0.241012110 0.2405685100  
## 6 -0.192767980 0.2079647400  
## 7 -0.146926820 0.1534755700  
## 8 -0.135434780 0.1296487800  
## 9 -0.501648760 0.4967645400  
## 10 -0.501090170 0.5149291700  
## 11 -0.270372270 0.3202432100  
## 12 -0.018672222 0.0370087210  
## 13 -0.029685494 0.0461286670  
## 14 -0.160370660 0.1858735000  
## 15 -0.962738430 0.9642205500  
## 16 -0.963825770 0.9714000900  
## 17 -0.655915240 0.6610358300  
## 18 -0.299503650 0.2956171300  
## 19 -0.212952260 0.2256588800  
## 20 -0.228459250 0.2598830000  
## 21 -0.191608250 0.2241376000  
## 22 -0.124665370 0.1743890600  
## 23 -0.260831410 0.2940952200  
## 24 -0.368328600 0.3916236100  
## 25 -0.438679290 0.4615166700  
## 26 -0.230046320 0.2387873800  
## 27 -0.016319652 0.0199127150  
## 28 -0.999206610 0.9952252400  
## 29 -0.972761390 0.9769686900  
## 30 -0.685776250 0.6795219400  
## 31 -0.910690350 0.9277793600  
## 32 -0.923119170 0.9251761100  
## 33 -0.870981160 0.8662498100  
## 34 -0.985315760 0.9819241300  
## 35 -0.867524820 0.8626137700  
## 36 -0.799348890 0.8063054500  
## 37 -0.088387918 0.0869538170  
## 38 -0.180013280 0.1831680500  
## 39 -0.800250910 0.8063196500  
## 40 -0.452747410 0.4512724100  
## 41 -0.244435100 0.2621744000  
## 42 -0.228229380 0.2460318600  
## 43 -0.171557230 0.1984566200  
## 44 -0.547100760 0.5900254500  
## 45 -0.492218710 0.4943685200  
## 46 -0.448742530 0.4479316900  
## 47 -0.435317050 0.4510280600  
## 48 -0.390435820 0.4019131800  
## 49 -0.378707420 0.3850626600  
## 50 -0.433298640 0.4420568200  
## 51 -0.148001090 0.1461728500  
## 52 -0.829360330 0.8240084300  
## 53 -0.815582320 0.8151159500  
## 54 -0.613329700 0.6268542300  
## 55 -0.253829690 0.3080469100  
## 56 -0.319717660 0.3411414200  
## 57 -0.244962900 0.2610549900  
## 58 -0.187325510 0.2087644300  
## 59 -0.408234240 0.4337825500  
## 60 -0.407229220 0.4215248100  
## 61 -0.275233880 0.2834177500  
## 62 -0.328216120 0.3492503300  
## 63 -0.230231640 0.2575152500  
## 64 -0.045917474 0.0549754570  
## 65 -0.921796880 0.9172301700  
## 66 -0.836111260 0.8734130600  
## 67 -0.895682390 0.9022435700  
## 68 -0.885667480 0.8837750000  
## 69 -0.966020610 0.9616457300  
## 70 -0.828452470 0.8321978500  
## 71 -0.730132850 0.7352435700  
## 72 -0.723689000 0.7255284800  
## 73 -0.668780380 0.6613662000  
## 74 -0.955078670 0.9616988900  
## 75 -0.402799530 0.3969500200  
## 76 -0.308424340 0.3173553600  
## 77 -0.111901860 0.1554537100  
## 78 -0.128986390 0.1655723000  
## 79 -0.637410590 0.6484640600  
## 80 -0.552376140 0.5769215500  
## 81 -0.375452750 0.3926931800  
## 82 -0.438228360 0.4615731700  
## 83 -0.436513360 0.4597097400  
## 84 -0.338306470 0.3581308000  
## 85 -0.244104770 0.2612491000  
## 86 -0.258241770 0.2745430800  
## 87 -0.710891760 0.7188364300  
## 88 -0.651822260 0.6789276800  
## 89 -0.503153730 0.5232626900  
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## 91 -0.378828500 0.3985654000  
## 92 -0.224235230 0.2431990300  
## 93 -0.121154500 0.1394392400  
## 94 -0.163425810 0.1792176900  
## 95 -0.225199570 0.2419723200  
## 96 -0.310771040 0.3309361600  
## 97 -0.405520390 0.4282589300  
## 98 -0.355764380 0.3739956300  
## 99 -0.661636520 0.6806838700  
## 100 -0.623768430 0.6434869900  
## 101 -0.495864500 0.5159817900  
## 102 -0.153653180 0.1723037600  
## 103 -0.147644430 0.1646196700  
## 104 -0.270851420 0.2942812800  
## 105 -0.365763610 0.3862122900  
## 106 -0.478536450 0.4943892200  
## 107 -0.346186740 0.3675805300  
## 108 -0.368014660 0.3947950500  
## 109 -0.348205680 0.3687827900  
## 110 -0.397356880 0.4153870600  
## 111 -0.494779050 0.5117767000  
## 112 -0.399772260 0.4292457700  
## 113 -0.532905590 0.5569133300  
## 114 -0.447578010 0.4677548900  
## 115 -0.411755950 0.4323838300  
## 116 -0.431418620 0.4494892900  
## 117 -0.366107650 0.3866819300  
## 118 -0.415033160 0.4369640300  
## 119 -0.399538270 0.4158725500  
## 120 -0.403194380 0.4192135500  
## 121 -0.483846940 0.5042659300  
## 122 -0.579394210 0.6025320800  
## 123 -0.582841040 0.6045343600  
## 124 -0.462875130 0.4808997300  
## 125 -0.606709800 0.6287190600  
## 126 -0.456962040 0.4670266500  
## 127 0.154714730 -0.1503460400  
## 128 -0.165080020 0.1775832700  
## 129 -0.169673290 0.1812426600  
## 130 -0.081530003 0.0963706790  
## 131 -0.005635923 0.0217528000  
## 132 0.066341130 -0.0560056730  
## 133 0.016402542 -0.0069305298  
## 134 0.017099742 0.0005580002  
## 135 -0.303333860 0.3251063200  
## 136 -0.320642960 0.3381734300  
## 137 -0.153267330 0.1673980900  
## 138 -0.119870190 0.1272198200  
## 139 -0.287847140 0.2985497500  
## 140 -0.352831050 0.3709028600  
## 141 -0.267664120 0.2934450200  
## 142 -0.300988540 0.3244371500  
## 143 -0.537463080 0.5569256100  
## 144 -0.506763450 0.5256260400  
## 145 -0.140616960 0.1541618300  
## 146 -0.341029010 0.3600236500  
## 147 -0.475356430 0.4891963800  
## 148 -0.354449210 0.3700180400  
## 149 -0.396527180 0.4174181300  
## 150 -0.321820780 0.3369271700  
## 151 -0.768719430 0.7753169900  
## 152 -0.649276050 0.6650901600  
## 153 -0.606724480 0.6129403600  
## 154 -0.759332080 0.7656135200  
## 155 -0.735118950 0.7432700100  
## 156 -0.816661560 0.8246365800  
## 157 -0.775255140 0.7848079100  
## 158 -0.779992490 0.7905554400  
## 159 -0.766319990 0.7752719100  
## 160 -0.683074190 0.6947971700  
## 161 -0.637560820 0.6486052500  
## 162 -0.642500220 0.6517838500  
## 163 -0.707593120 0.7159662000  
## 164 -0.736135420 0.7443694700  
## 165 -0.848512370 0.8592572600  
## 166 -0.847399400 0.8551929300  
## 167 -0.733234880 0.7392402100  
## 168 -0.811248760 0.8208357200  
## 169 -0.724745060 0.7351338300  
## 170 -0.825099100 0.8361552700  
## 171 -0.812505720 0.8232727400  
## 172 -0.763554160 0.7709008200  
## 173 -0.861947090 0.8695660500  
## 174 -0.830638270 0.8389079900  
## 175 -0.743232840 0.7519571300  
## 176 -0.770698650 0.7772508800  
## 177 -0.959486460 0.9776346300  
## tGravityAcc-correlation()-X,Y tGravityAcc-correlation()-X,Z  
## 1 0.57022164 0.439027350  
## 2 -0.83128389 -0.865711080  
## 3 -0.18108991 0.337935870  
## 4 -0.99130869 -0.968821390  
## 5 -0.40833042 -0.184840070  
## 6 -0.56395092 0.466470700  
## 7 0.72642714 0.939338110  
## 8 -0.93336652 -0.859225700  
## 9 0.34379322 0.552759260  
## 10 0.64495215 -0.029064172  
## 11 0.72373488 0.215376830  
## 12 -0.35521247 -0.911459530  
## 13 -0.52808146 -0.222183700  
## 14 0.39554996 0.960944310  
## 15 0.98203830 0.920221580  
## 16 0.58269297 0.640566720  
## 17 -0.58100374 -0.410601570  
## 18 0.95408754 0.427760150  
## 19 0.89428322 0.919807630  
## 20 0.95136401 0.995251970  
## 21 -0.35804548 0.877964080  
## 22 0.79214304 0.957080720  
## 23 0.97753979 0.775922980  
## 24 0.36635015 0.150877600  
## 25 0.69162658 0.570248940  
## 26 0.89179034 0.959901960  
## 27 0.62263572 0.258733200  
## 28 -0.98517456 -0.945233300  
## 29 -0.95834322 -0.278069980  
## 30 -0.99885647 -0.936168000  
## 31 0.02585089 -0.728764920  
## 32 -0.96909418 -0.866791920  
## 33 -0.99852677 -0.996976970  
## 34 -0.89581954 -0.671243120  
## 35 -0.97138089 -0.990379070  
## 36 -0.86852325 -0.944639600  
## 37 -0.53069350 -0.767875990  
## 38 -0.94810473 -0.952270690  
## 39 -0.30719120 0.799268600  
## 40 -0.89131478 0.918474940  
## 41 0.61938879 -0.760497080  
## 42 -0.76603311 -0.946097870  
## 43 -0.90959587 -0.791576230  
## 44 -0.97755058 -0.311321020  
## 45 -0.99001829 -0.904479640  
## 46 -0.92829374 -0.377198760  
## 47 -0.93743229 -0.677298440  
## 48 -0.87399669 -0.554137560  
## 49 -0.95427973 -0.835273220  
## 50 -0.98835405 -0.264882550  
## 51 -0.99700436 -0.861551320  
## 52 0.71344010 -0.833204750  
## 53 -0.62610554 0.679239450  
## 54 0.91064228 -0.914827150  
## 55 -0.97220071 -0.695651880  
## 56 -0.35166469 0.092731035  
## 57 0.27118998 0.377904520  
## 58 0.29181903 -0.555117510  
## 59 -0.48241492 0.414333670  
## 60 -0.64717130 0.051824751  
## 61 -0.47441130 0.629329100  
## 62 -0.69568082 0.310742600  
## 63 -0.92878609 0.873693690  
## 64 -0.70337247 0.819300640  
## 65 -0.96295314 -0.993694420  
## 66 -0.88146847 -0.836711230  
## 67 0.51011115 -0.967858160  
## 68 0.98876634 -0.997552910  
## 69 0.71191550 -0.970028810  
## 70 0.99127114 -0.993942020  
## 71 0.89506685 -0.728421370  
## 72 0.94547065 -0.962165970  
## 73 0.75185900 -0.926334000  
## 74 -0.93818175 -0.361188150  
## 75 -0.97701425 0.113494580  
## 76 0.08318704 0.235487630  
## 77 0.97611743 0.494528610  
## 78 -0.20880065 0.281598180  
## 79 -0.87349292 0.239456570  
## 80 0.44531729 -0.600650870  
## 81 0.41248045 0.320266980  
## 82 0.66525584 0.255814490  
## 83 0.31343582 -0.057588718  
## 84 0.66276173 0.023355027  
## 85 0.73906445 0.116705590  
## 86 0.43451894 0.171703860  
## 87 0.71172858 0.727250570  
## 88 0.32183430 0.033600534  
## 89 0.44108521 -0.863327770  
## 90 0.17348556 0.289327590  
## 91 0.69239516 0.297806810  
## 92 -0.67805898 0.435077410  
## 93 0.83920104 -0.004006592  
## 94 0.88510266 0.062120950  
## 95 -0.55384003 -0.495752520  
## 96 0.04022618 -0.130761620  
## 97 0.93883707 0.604117640  
## 98 0.80691160 -0.298653240  
## 99 -0.84847859 -0.525171250  
## 100 0.89779553 -0.151142620  
## 101 0.90084112 -0.927033950  
## 102 0.59841340 0.080005908  
## 103 -0.45287074 -0.161664620  
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## 105 0.35216295 0.512658810  
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## 108 -0.72015327 -0.199947980  
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## 110 0.72059285 0.659739100  
## 111 0.83727363 0.635741710  
## 112 0.87494398 0.902083700  
## 113 0.75452628 0.620291710  
## 114 -0.38226714 0.721941400  
## 115 -0.14600036 -0.465935210  
## 116 -0.42798921 -0.705118080  
## 117 0.68729290 -0.399465090  
## 118 0.84484609 -0.075888355  
## 119 0.56627034 -0.517643810  
## 120 -0.44440783 -0.370949200  
## 121 0.54330432 -0.205541080  
## 122 -0.17878686 0.428122070  
## 123 0.49664501 -0.142182270  
## 124 0.44906327 -0.259309540  
## 125 0.88543089 -0.352648320  
## 126 0.71524040 -0.091057486  
## 127 0.87050378 0.187198350  
## 128 0.39342479 -0.186650520  
## 129 0.42504082 0.629553250  
## 130 0.55000463 -0.188316560  
## 131 0.94437565 -0.047818796  
## 132 0.91198261 0.202728440  
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## 136 -0.23882202 0.849711940  
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## 139 -0.65797078 -0.897171080  
## 140 -0.38613342 -0.922121840  
## 141 -0.78373962 -0.918658850  
## 142 0.24988127 -0.191714220  
## 143 0.22725026 0.714952030  
## 144 0.87173358 0.837799090  
## 145 -0.07839806 -0.942720700  
## 146 0.64025948 -0.885901970  
## 147 0.31579481 -0.705501730  
## 148 0.24110468 -0.912397980  
## 149 0.15866611 -0.547409670  
## 150 0.11076980 0.084307029  
## 151 0.98651233 -0.862856940  
## 152 0.93183045 0.354264290  
## 153 0.43183190 -0.713109960  
## 154 0.89569747 0.124088250  
## 155 0.84115587 -0.041473117  
## 156 0.06010632 -0.658902840  
## 157 0.26464963 0.086925372  
## 158 0.70677488 0.530102670  
## 159 0.99209148 -0.901002160  
## 160 0.84790318 -0.384687140  
## 161 0.80064701 -0.842538160  
## 162 0.90625510 -0.407668600  
## 163 0.61816113 -0.524591540  
## 164 0.44915050 -0.531252010  
## 165 0.60537139 0.056029641  
## 166 0.90642551 0.349217640  
## 167 0.68870615 -0.443331740  
## 168 0.98684675 -0.768665820  
## 169 0.83130464 -0.352632930  
## 170 0.86715669 -0.953762220  
## 171 0.76504049 -0.402676860  
## 172 0.01354760 0.131007640  
## 173 0.51487177 -0.362473390  
## 174 -0.35165731 -0.349386420  
## 175 -0.05925671 -0.841905640  
## 176 0.67969938 -0.463183230  
## 177 0.80565264 -0.672227670  
## tGravityAcc-correlation()-Y,Z tBodyAccJerk-mean()-X tBodyAccJerk-mean()-Y  
## 1 0.986913120 0.077996345 0.0050008031  
## 2 0.974385620 0.074006709 0.0057711041  
## 3 0.643416990 0.073635962 0.0031040366  
## 4 0.984255520 0.077320614 0.0200576420  
## 5 0.964796510 0.073444363 0.0191215740  
## 6 0.443097110 0.077932436 0.0186840460  
## 7 0.879101780 0.082170765 -0.0170146700  
## 8 0.982184820 0.072364228 0.0087478559  
## 9 0.968300300 0.075284365 0.0307627040  
## 10 -0.536138930 0.076369318 0.0125189060  
## 11 0.821874820 0.071396860 0.0168424410  
## 12 0.245477790 0.076084514 -0.0023115579  
## 13 0.882135060 0.077102002 0.0170271670  
## 14 0.384975110 0.077612380 0.0194892230  
## 15 0.974533900 0.066656163 -0.0683670840  
## 16 0.961074840 0.074659313 -0.0012810862  
## 17 0.830744770 0.076711586 0.0122518650  
## 18 0.167302200 0.075254470 0.0154195350  
## 19 0.990297720 0.075021356 0.0042103143  
## 20 0.962633710 0.076113384 0.0184277100  
## 21 0.102623770 0.075342269 0.0180557180  
## 22 0.852433970 0.073413536 0.0045245992  
## 23 0.681226220 0.076943687 0.0054829780  
## 24 0.968837730 0.078642693 0.0165033420  
## 25 0.973541910 0.074924981 0.0099539071  
## 26 0.979830540 0.074219489 0.0044872377  
## 27 0.466436050 0.073460968 0.0183722900  
## 28 0.987133020 0.138057620 -0.3477709900  
## 29 0.540735820 0.089548399 -0.0343179740  
## 30 0.950806810 0.071215441 0.0442441190  
## 31 -0.639333980 -0.013591322 0.1206858500  
## 32 0.717182600 0.050456562 0.0908303650  
## 33 0.990836480 0.178438080 -0.1196644300  
## 34 0.271506460 0.098998778 -0.0746125650  
## 35 0.929377380 0.062975489 0.0341588900  
## 36 0.666802380 0.075591498 0.0116948920  
## 37 -0.128923090 0.072773826 0.0035293806  
## 38 0.973579370 0.076218027 0.0094053857  
## 39 0.268684510 0.075301588 0.0826503270  
## 40 -0.646515620 0.084520112 -0.0189467350  
## 41 -0.024223901 0.082081964 -0.0058534975  
## 42 0.812565330 0.072683070 0.0197391120  
## 43 0.874763930 0.072130253 0.0199205290  
## 44 0.242171380 0.076807626 -0.0042927307  
## 45 0.945952940 0.077934405 0.0148880200  
## 46 0.569817180 0.071543556 0.0196472980  
## 47 0.392944760 0.074515662 0.0092694454  
## 48 0.086551571 0.078187780 0.0090189325  
## 49 0.654329420 0.078228258 0.0054201733  
## 50 0.153320440 0.073647802 0.0083841697  
## 51 0.877167310 0.068868220 0.0202240210  
## 52 -0.898543550 0.023446864 0.0008133385  
## 53 -0.996068180 0.067178002 0.0156378930  
## 54 -0.955034480 0.082498475 0.0083569472  
## 55 0.775027790 0.073995503 0.0137821200  
## 56 -0.746061530 0.077122435 0.0113804070  
## 57 -0.180067970 0.075608951 0.0123352010  
## 58 -0.721079260 0.075657984 0.0050748365  
## 59 -0.988800920 0.073531787 0.0108241420  
## 60 -0.648336420 0.073964485 0.0149245390  
## 61 -0.970849660 0.078027424 0.0085359751  
## 62 -0.897687630 0.079217587 0.0138712920  
## 63 -0.720809110 0.074492793 0.0154218820  
## 64 -0.936930860 0.072594696 0.0102755190  
## 65 0.981097850 0.334817790 -0.0873422420  
## 66 0.906745080 0.071098045 0.0268274720  
## 67 -0.548424810 -0.043507411 -0.0537663920  
## 68 -0.994614660 0.113142680 0.0748063110  
## 69 -0.859921620 0.208875360 0.1137279700  
## 70 -0.996457210 -0.048777316 0.1454851700  
## 71 -0.943775260 0.020624221 -0.2687057200  
## 72 -0.994245840 0.170611230 -0.3848919000  
## 73 -0.939956150 0.111612640 0.3056408000  
## 74 0.048449226 0.067194990 0.2242566400  
## 75 -0.310577430 0.077417432 -0.0373598080  
## 76 0.904180110 0.080899203 -0.0004153396  
## 77 0.312249470 0.067279115 0.0083881751  
## 78 -0.941668150 0.071901676 0.0187174500  
## 79 -0.534151790 -0.156485650 -0.1428529600  
## 80 -0.627843410 -0.207554100 0.3578428400  
## 81 0.252241800 0.201604470 0.4170822900  
## 82 -0.133809850 0.336084530 -0.4641435800  
## 83 0.645216400 -0.235623390 -0.1117772300  
## 84 0.382390370 0.115929910 0.2346673100  
## 85 0.509550280 0.304833180 -0.0949930430  
## 86 0.351213560 -0.209168400 0.1750054800  
## 87 0.645322810 -0.094394668 0.0130173540  
## 88 -0.054385473 -0.174053690 -0.0443091430  
## 89 -0.574076020 0.314329000 -0.0372607860  
## 90 -0.045858428 0.467070360 -0.3792151900  
## 91 0.256652900 -0.233325630 0.0265853330  
## 92 -0.851399720 0.019032962 0.0742491220  
## 93 -0.191256020 0.165116690 -0.2504743500  
## 94 0.082660132 -0.241610750 0.4464715300  
## 95 0.602097130 0.407987300 0.3678247900  
## 96 0.275045700 0.398623910 -0.3450005200  
## 97 0.696189220 -0.168554860 0.0119773580  
## 98 0.161180140 -0.343985330 0.1807708000  
## 99 0.481707640 -0.190761150 -0.1583020400  
## 100 -0.361134430 0.339357550 0.4257825400  
## 101 -0.778051520 0.211715740 -0.2848952700  
## 102 0.113480380 -0.190437770 -0.1273733200  
## 103 -0.086856164 0.188408430 -0.0879396530  
## 104 0.491346450 -0.084283367 0.1847861400  
## 105 0.663215600 0.010782856 0.4406822900  
## 106 0.644840960 0.417746730 -0.3286508400  
## 107 -0.601808030 -0.003779975 -0.1876454800  
## 108 0.168341230 -0.075184253 0.2401121600  
## 109 0.804548380 0.214735190 0.0021294310  
## 110 0.752382030 0.258650270 0.1510203900  
## 111 0.641621310 -0.052428623 0.1236930500  
## 112 0.712506880 0.118254500 -0.0594443710  
## 113 0.405014100 -0.016628142 0.5689210800  
## 114 -0.142386980 0.548094300 -0.3875254600  
## 115 0.596167480 -0.219411530 0.0067696189  
## 116 0.805479120 -0.137826910 0.4212174900  
## 117 0.055347045 0.103059910 -0.0848261910  
## 118 0.310775340 -0.107255220 -0.1873341500  
## 119 0.092635442 0.214080770 0.3603799200  
## 120 0.226054650 0.217744060 0.2127059300  
## 121 0.453672010 0.209887130 -0.1347085800  
## 122 -0.201568730 0.286666310 -0.3148356000  
## 123 0.545848530 -0.122078530 -0.0434879800  
## 124 0.596735810 -0.211966890 0.4013102700  
## 125 -0.005902113 0.363110680 0.1096555800  
## 126 0.547209130 0.235245310 -0.0872843120  
## 127 -0.044879171 0.064722433 0.0191436880  
## 128 -0.894905430 -0.050868561 0.1660133700  
## 129 -0.176293750 0.050938870 -0.1113879200  
## 130 0.548787320 0.040674030 0.1021472600  
## 131 0.011255252 0.080449991 0.0184962280  
## 132 0.363778400 0.061859802 -0.2050451900  
## 133 0.077000456 0.095443820 0.1689441200  
## 134 0.433582350 0.151735920 0.1446437700  
## 135 0.906917770 0.687953240 -0.4419585300  
## 136 -0.423227280 -0.256898380 0.5372408400  
## 137 0.545577710 -0.559407300 0.4256903500  
## 138 0.387152240 0.980744870 -0.2800604600  
## 139 0.527258700 -0.034196065 0.0597933390  
## 140 0.052119243 -0.704677250 0.0864354670  
## 141 0.780254940 0.428841110 -0.1376142400  
## 142 0.834842200 0.118043190 0.1139529100  
## 143 0.659360170 0.089117723 -0.0845591730  
## 144 0.847371130 -0.362161060 0.3708422100  
## 145 0.089188313 0.685996950 0.2129494100  
## 146 -0.313314120 0.015294316 -0.0498282800  
## 147 0.407317270 -0.590869370 -0.3249653700  
## 148 0.136803510 -0.044109007 -0.0635900920  
## 149 0.667920020 0.357621140 0.0197793620  
## 150 0.966676110 0.403938740 -0.1718263000  
## 151 -0.906091640 0.258792030 0.1193859600  
## 152 0.415180250 0.148659380 0.0586346650  
## 153 -0.710356770 0.089970801 -0.2916739600  
## 154 -0.048501791 0.176722150 -0.3540711200  
## 155 -0.278620680 0.044047372 0.0344983470  
## 156 0.259165960 0.086751502 0.5604675500  
## 157 0.506763160 0.194654920 0.2603176700  
## 158 0.906318440 0.070654620 0.0705395350  
## 159 -0.911449270 0.267437420 -0.0705667480  
## 160 -0.057737008 0.086863388 -0.0267594190  
## 161 -0.701384190 0.008066030 0.1379564000  
## 162 -0.456865870 0.039049000 0.0284653910  
## 163 -0.359810660 0.274269550 -0.1399973400  
## 164 0.220448990 0.325674940 -0.1275652100  
## 165 0.594359980 0.110696690 0.0317080250  
## 166 0.624397820 0.101271960 0.0457763380  
## 167 -0.247222870 0.052027741 -0.1042386200  
## 168 -0.768951830 0.010085806 0.1191370700  
## 169 -0.233242460 0.016190236 -0.0161323150  
## 170 -0.852560540 0.108216930 0.0416162090  
## 171 -0.108168090 0.147267310 -0.1237184300  
## 172 -0.680209530 0.229583240 -0.1810039400  
## 173 -0.743767540 0.574636930 0.0801532080  
## 174 -0.655597380 0.488786420 -0.0399668480  
## 175 -0.208683570 -0.160199340 0.0569312770  
## 176 -0.472478830 -0.425138080 0.2854096400  
## 177 -0.105152830 0.091262612 0.0324653990  
## tBodyAccJerk-mean()-Z tBodyAccJerk-std()-X tBodyAccJerk-std()-Y  
## 1 -0.0678308080 -0.993519060 -0.988359990  
## 2 0.0293766330 -0.995548140 -0.981063630  
## 3 -0.0090456308 -0.990742810 -0.980955610  
## 4 -0.0098647722 -0.992697370 -0.987552750  
## 5 0.0167799790 -0.996420170 -0.988358710  
## 6 0.0093444336 -0.994813600 -0.988714460  
## 7 -0.0157981660 -0.995205610 -0.984830790  
## 8 -0.0044681354 -0.995272810 -0.981291220  
## 9 0.0112119500 -0.996478920 -0.980051270  
## 10 0.0030843751 -0.991155610 -0.969200300  
## 11 0.0010303821 -0.991233560 -0.973264340  
## 12 -0.0076736296 -0.998179330 -0.989788340  
## 13 -0.0009852394 -0.999191610 -0.990138390  
## 14 0.0152076830 -0.996985350 -0.992369560  
## 15 -0.0336076010 -0.990271120 -0.984291370  
## 16 -0.0266366720 -0.995055280 -0.995274560  
## 17 0.0100573250 -0.994814890 -0.992430020  
## 18 0.0166259460 -0.994978810 -0.991455080  
## 19 -0.0051048322 -0.995768510 -0.992451390  
## 20 -0.0060482131 -0.996673670 -0.992759960  
## 21 -0.0049718288 -0.996116980 -0.993432650  
## 22 -0.0058944060 -0.995506170 -0.986806620  
## 23 0.0016020823 -0.995691600 -0.982921260  
## 24 -0.0000485152 -0.996716670 -0.985917240  
## 25 0.0006878857 -0.996835710 -0.986723190  
## 26 0.0069293456 -0.996053380 -0.986718160  
## 27 0.0014363240 -0.996564060 -0.989278050  
## 28 -0.3352723300 -0.981223570 -0.966142280  
## 29 0.0030597368 -0.992434530 -0.988256470  
## 30 0.0203581570 -0.994612200 -0.992919650  
## 31 0.2287041500 -0.883830410 -0.854606770  
## 32 0.0053317431 -0.858030370 -0.840024830  
## 33 -0.2591403400 -0.922428320 -0.936468880  
## 34 -0.0073366086 -0.989699990 -0.981159620  
## 35 0.0331706110 -0.993580120 -0.991023010  
## 36 -0.0072211967 -0.997407150 -0.992114490  
## 37 -0.0006003336 -0.996468410 -0.991192520  
## 38 -0.0080907158 -0.994884130 -0.990503540  
## 39 -0.0089599647 -0.984343970 -0.971826610  
## 40 0.0076682065 -0.990514610 -0.990763450  
## 41 0.0032024153 -0.994473930 -0.992275590  
## 42 0.0040143460 -0.992640490 -0.990641980  
## 43 -0.0014860567 -0.993879160 -0.990245100  
## 44 -0.0069884353 -0.995206100 -0.990595580  
## 45 0.0120860990 -0.993581830 -0.990723860  
## 46 -0.0037668634 -0.992373120 -0.993282680  
## 47 -0.0102917220 -0.992774130 -0.990433650  
## 48 0.0128729720 -0.992763620 -0.989421000  
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## 57 0.0013993239 -0.992366820 -0.992718160  
## 58 -0.0012262263 -0.991940150 -0.990565450  
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## 66 0.0401078460 -0.982586510 -0.984591270  
## 67 0.1950341900 -0.877628090 -0.650658420  
## 68 -0.1038263700 -0.872571160 -0.642571010  
## 69 -0.2230381700 -0.964188900 -0.915076730  
## 70 0.1047531500 -0.838929220 -0.795810290  
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## 75 0.0074256146 -0.975668680 -0.980063760  
## 76 -0.0171794540 -0.992719750 -0.989945920  
## 77 0.0005915270 -0.991557230 -0.992394840  
## 78 0.0076429677 -0.987959580 -0.989340570  
## 79 -0.1130786900 -0.183759390 -0.170461310  
## 80 -0.4524009300 -0.108350280 -0.018692846  
## 81 0.1390781700 -0.177694590 -0.029600637  
## 82 -0.0050257445 -0.120486230 0.028659631  
## 83 0.1726546000 -0.192433450 0.053981333  
## 84 0.3615051800 -0.245777010 -0.020566631  
## 85 -0.3623950100 -0.101732920 -0.053477323  
## 86 -0.4204220700 -0.015193506 0.005125592  
## 87 -0.3057948900 -0.306508850 -0.068948743  
## 88 -0.3165089400 -0.203232890 0.071281747  
## 89 -0.1085885700 -0.172193860 -0.068312343  
## 90 -0.1268068900 -0.100570230 -0.033826936  
## 91 0.3406615700 -0.155911050 0.058591159  
## 92 0.2957863500 -0.166518850 0.170015210  
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## 98 0.3183324700 -0.165296320 0.072032833  
## 99 0.2725886000 -0.067573384 0.066278536  
## 100 0.6341734700 0.015954634 0.020949223  
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## 103 -0.3554996400 -0.138967400 0.283866530  
## 104 0.1706285300 -0.132180330 0.293927460  
## 105 0.4735210900 -0.154281980 0.162978860  
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## 109 -0.1875924800 -0.149044530 0.224881110  
## 110 0.1489838700 -0.134061310 0.148574720  
## 111 0.4027455800 -0.132332080 0.068705955  
## 112 -0.2554362700 -0.099484175 0.272819950  
## 113 0.1096554600 -0.077463994 -0.003454965  
## 114 -0.2793576300 -0.107695090 -0.059884818  
## 115 0.3014996000 -0.161299810 -0.021850877  
## 116 0.5068525800 -0.136236910 0.042694630  
## 117 -0.1039181400 -0.050928555 0.070493893  
## 118 -0.1942098500 -0.075799301 0.026487096  
## 119 -0.0535014130 -0.279295880 -0.044155705  
## 120 -0.0285857280 -0.206294530 -0.135876080  
## 121 -0.2499206800 -0.194930900 -0.119798090  
## 122 -0.1748524100 -0.298516860 0.023000125  
## 123 0.1870542800 -0.165196810 0.052213118  
## 124 0.3730073200 -0.175027750 -0.023292222  
## 125 0.2532334300 -0.224437300 -0.052707475  
## 126 -0.2325005900 -0.200001900 -0.217835180  
## 127 -0.0376538540 -0.102357440 -0.180603160  
## 128 0.0862155460 -0.108034870 -0.084011354  
## 129 -0.0045744093 -0.146832720 0.018746928  
## 130 -0.0359838610 -0.020238208 -0.020301028  
## 131 -0.0373983150 0.076303518 0.037586901  
## 132 0.0576146700 -0.018679711 -0.039541143  
## 133 -0.0010016119 -0.158220380 -0.165005660  
## 134 0.0303200370 -0.150928110 -0.173251580  
## 135 -0.5896136700 0.143107700 -0.012389883  
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## 138 0.0131591090 0.028711668 0.105997820  
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## 140 0.1433560800 -0.032614521 -0.115825330  
## 141 0.1692343900 0.089649652 -0.134942280  
## 142 -0.3050968000 0.067093081 -0.252803890  
## 143 -0.2150997600 -0.038407463 -0.112307600  
## 144 0.2295983000 -0.024438340 -0.140536010  
## 145 0.4817403800 -0.020320637 0.049889701  
## 146 0.1198283400 0.034117539 0.114344220  
## 147 -0.1579199300 -0.066281915 -0.174801490  
## 148 0.1629078500 -0.078617141 -0.323372130  
## 149 -0.2232394100 -0.064489453 -0.290836610  
## 150 -0.3988958200 -0.117084990 -0.171491800  
## 151 -0.2051499200 -0.445288550 -0.479707450  
## 152 -0.1544199200 -0.477078070 -0.505366460  
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## 154 -0.2084566700 -0.537405680 -0.314792730  
## 155 0.0775574880 -0.441187420 -0.313745790  
## 156 0.0915130980 -0.464719770 -0.415281870  
## 157 -0.0287421350 -0.441904390 -0.430465180  
## 158 -0.0064084210 -0.409538290 -0.397628100  
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## 160 0.0999811450 -0.434754270 -0.493728490  
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## 165 -0.0341938690 -0.473883900 -0.439507770  
## 166 0.0126269120 -0.581873170 -0.570266590  
## 167 -0.0909498880 -0.617957660 -0.557041940  
## 168 -0.0111471950 -0.500078590 -0.436610550  
## 169 0.0782427890 -0.448210670 -0.279975790  
## 170 -0.1501772800 -0.494364750 -0.246542850  
## 171 -0.2547978100 -0.545926780 -0.351948320  
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## 5 -0.99245490 -0.996597350 -0.986536990  
## 6 -0.99226635 -0.995241850 -0.986846750  
## 7 -0.98842507 -0.995813340 -0.982681080  
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## 10 -0.98861504 -0.991767830 -0.965863980  
## 11 -0.98501751 -0.991621520 -0.972164390  
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## 16 -0.99513244 -0.995218180 -0.993546800  
## 17 -0.99605297 -0.994166340 -0.990707000  
## 18 -0.99562514 -0.994772090 -0.990169370  
## 19 -0.99513475 -0.995752520 -0.990875480  
## 20 -0.99654064 -0.997025640 -0.991220920  
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## 143 -0.48921284 0.052083080 -0.061863966  
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## 148 -0.45925625 -0.015210065 -0.286592880  
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## 112 -0.3710055 -0.35008075 -0.25415063  
## 113 -0.5122473 -0.34275649 -0.41999057  
## 114 -0.5104075 -0.34275649 -0.52703583  
## 115 -0.4941730 -0.40537118 -0.45230143  
## 116 -0.5202040 -0.42356597 -0.37855848  
## 117 -0.5322122 -0.38845101 -0.37855848  
## 118 -0.5527739 -0.32701207 -0.39259101  
## 119 -0.5687547 -0.32701207 -0.40305336  
## 120 -0.6003559 -0.38089258 -0.44272582  
## 121 -0.5916750 -0.38089258 -0.27900840  
## 122 -0.5558728 -0.47447891 -0.27900840  
## 123 -0.5194774 -0.32486730 -0.32194558  
## 124 -0.4827715 -0.32486730 -0.36325319  
## 125 -0.5336260 -0.42564908 -0.34493891  
## 126 -0.5850775 -0.26159043 -0.62823204  
## 127 -0.4939178 -0.26159043 -0.64487583  
## 128 -0.3954582 -0.26787509 -0.23488483  
## 129 -0.3664351 -0.34279405 -0.23488483  
## 130 -0.2673108 -0.23386025 -0.31755471  
## 131 -0.1735573 -0.23281895 -0.02505667  
## 132 -0.1830403 -0.23281895 -0.02505667  
## 133 -0.3051025 -0.36839257 -0.50111415  
## 134 -0.3171377 -0.35974377 -0.49560662  
## 135 -0.1237127 0.17834918 -0.32076725  
## 136 -0.1665892 -0.01963152 -0.32076725  
## 137 -0.2398596 -0.12204693 -0.01482018  
## 138 -0.3133644 -0.09181548 -0.01482018  
## 139 -0.3023049 -0.09181548 -0.54204811  
## 140 -0.3628504 -0.33274189 -0.54204811  
## 141 -0.2150903 0.04058993 -0.56033587  
## 142 -0.1731104 0.04058993 -0.49936927  
## 143 -0.4322852 -0.33515996 -0.42328946  
## 144 -0.4492545 -0.33515996 -0.42328946  
## 145 -0.3940612 -0.17127700 -0.15003887  
## 146 -0.3792830 -0.17127700 -0.15003887  
## 147 -0.4667090 -0.23084151 -0.62201923  
## 148 -0.4352706 -0.27938224 -0.62201923  
## 149 -0.3430935 -0.35448004 -0.59480577  
## 150 -0.3510571 -0.40778880 -0.48408555  
## 151 -0.6289048 -0.61574060 -0.68917327  
## 152 -0.6613004 -0.68827705 -0.68917327  
## 153 -0.7113611 -0.68827705 -0.69192763  
## 154 -0.6872192 -0.66031559 -0.58334046  
## 155 -0.6413824 -0.61121108 -0.53436071  
## 156 -0.6780854 -0.61121108 -0.53436071  
## 157 -0.6329123 -0.60421481 -0.59653857  
## 158 -0.6115673 -0.60421481 -0.71351149  
## 159 -0.6563646 -0.54248098 -0.73026797  
## 160 -0.6741640 -0.65089155 -0.76074724  
## 161 -0.6770433 -0.61234216 -0.56504386  
## 162 -0.6744152 -0.61234216 -0.56504386  
## 163 -0.7399919 -0.67004089 -0.69261621  
## 164 -0.7364113 -0.67444656 -0.69261621  
## 165 -0.7236182 -0.67444656 -0.76651817  
## 166 -0.7308760 -0.71665746 -0.80839658  
## 167 -0.7249840 -0.75301971 -0.75050762  
## 168 -0.7074920 -0.62273421 -0.76532503  
## 169 -0.7113382 -0.62203931 -0.50059527  
## 170 -0.7057432 -0.62203931 -0.50059527  
## 171 -0.6966326 -0.59632315 -0.59471059  
## 172 -0.7021313 -0.58269188 -0.59471059  
## 173 -0.7137773 -0.58269188 -0.60607052  
## 174 -0.6774659 -0.65879336 -0.60607052  
## 175 -0.7181236 -0.70042297 -0.65988337  
## 176 -0.7318741 -0.55287733 -0.40047736  
## 177 -0.9836292 -0.99698682 -0.98904775  
## tBodyAccJerk-max()-Z tBodyAccJerk-min()-X tBodyAccJerk-min()-Y  
## 1 -0.9931189 0.989834710 0.991956860  
## 2 -0.9922574 0.992577100 0.991808360  
## 3 -0.9922574 0.988390200 0.991808360  
## 4 -0.9897689 0.988390200 0.992543780  
## 5 -0.9897689 0.994303220 0.992543780  
## 6 -0.9926493 0.994303220 0.993346310  
## 7 -0.9815525 0.993886060 0.990807750  
## 8 -0.9815525 0.993886060 0.990653180  
## 9 -0.9909583 0.996722830 0.979198700  
## 10 -0.9849359 0.991509330 0.979198700  
## 11 -0.9849359 0.991509330 0.983485070  
## 12 -0.9932593 0.996883750 0.993560660  
## 13 -0.9952027 0.998195760 0.994153720  
## 14 -0.9920750 0.991827310 0.995803040  
## 15 -0.9846937 0.990677640 0.983445260  
## 16 -0.9940144 0.990677640 0.996146420  
## 17 -0.9940144 0.994913890 0.993859380  
## 18 -0.9930734 0.995082110 0.993859380  
## 19 -0.9930734 0.995781560 0.995866370  
## 20 -0.9982634 0.996090180 0.993448770  
## 21 -0.9927162 0.996553410 0.993448770  
## 22 -0.9923386 0.993943990 0.987837690  
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## 30 -0.9920298 0.991520570 0.994654580  
## 31 -0.9181798 0.880506830 0.852422790  
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## 33 -0.9681588 0.911754310 0.958461720  
## 34 -0.9931429 0.992172870 0.980339180  
## 35 -0.9983304 0.992172870 0.991768010  
## 36 -0.9955290 0.995489520 0.991882960  
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## 38 -0.9966170 0.991493150 0.993172820  
## 39 -0.9767455 0.981772810 0.978824240  
## 40 -0.9936586 0.986377220 0.989177140  
## 41 -0.9934565 0.987996700 0.994265030  
## 42 -0.9908065 0.987996700 0.991085240  
## 43 -0.9908065 0.989094330 0.991085240  
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## 46 -0.9964354 0.993219080 0.992276420  
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## 48 -0.9925797 0.988665180 0.990932490  
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## 57 -0.9873928 0.988164770 0.992920080  
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## 59 -0.9902091 0.993782670 0.993141260  
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## 67 -0.8443538 0.847475680 0.512480740  
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## 69 -0.9603982 0.975661250 0.948966620  
## 70 -0.9146230 0.818604400 0.823172060  
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## 81 -0.7636397 0.081418339 0.304754220  
## 82 -0.6938932 0.062456876 0.266562080  
## 83 -0.6910975 0.062456876 0.092174750  
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## 85 -0.7129575 0.074248764 0.188919570  
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## 87 -0.8142413 0.164330010 0.085692605  
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## 90 -0.7481007 0.095275567 0.325888110  
## 91 -0.6642370 0.095275567 0.303156510  
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## 94 -0.7352587 -0.094900524 0.042888223  
## 95 -0.5866489 -0.094900524 0.286614450  
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## 97 -0.6694737 0.215940490 0.181445260  
## 98 -0.6727138 0.118948140 0.181445260  
## 99 -0.6778359 -0.126011190 0.128075500  
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## 105 -0.7251758 0.049784047 -0.212533140  
## 106 -0.7782788 0.125017160 0.246110050  
## 107 -0.7720667 0.107225100 0.188924670  
## 108 -0.7574420 0.107225100 -0.040435590  
## 109 -0.7504179 0.187054700 -0.040435590  
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## 112 -0.5866414 0.262831450 -0.147941300  
## 113 -0.6110585 0.003402648 0.244187080  
## 114 -0.7445811 0.003402648 0.148593220  
## 115 -0.7724406 0.110405310 0.148593220  
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## 120 -0.8007668 -0.103987180 0.378980440  
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## 126 -0.6391775 -0.088961570 0.249131160  
## 127 -0.5601865 -0.035760022 0.249131160  
## 128 -0.5601865 -0.045803030 0.267758880  
## 129 -0.5507054 -0.045803030 0.171168490  
## 130 -0.4664555 -0.187452810 0.171168490  
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## 132 -0.3763638 -0.311054920 0.331432060  
## 133 -0.3763638 -0.129812710 0.294535390  
## 134 -0.4445106 -0.014211190 0.294535390  
## 135 -0.1069466 -0.239635940 0.225979740  
## 136 -0.3161443 0.064521813 0.282600050  
## 137 -0.3533375 0.064521813 0.184507280  
## 138 -0.3851646 0.035023783 0.184507280  
## 139 -0.4198520 -0.100480670 0.435253320  
## 140 -0.4974162 -0.100480670 0.307115150  
## 141 -0.4795338 -0.096468129 0.307115150  
## 142 -0.4737933 -0.013496325 0.174324230  
## 143 -0.6544326 0.094730255 0.287785700  
## 144 -0.6400989 -0.007871244 0.456041550  
## 145 -0.3632093 -0.007871244 0.167597590  
## 146 -0.3632093 0.116639820 0.167597590  
## 147 -0.6024191 0.116639820 0.414589410  
## 148 -0.6024191 0.159973830 0.513983250  
## 149 -0.6216436 0.159973830 0.288305630  
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## 151 -0.7571216 0.411556690 0.492501150  
## 152 -0.7571216 0.474549170 0.631651420  
## 153 -0.8676494 0.474549170 0.587817400  
## 154 -0.8311574 0.463901500 0.587817400  
## 155 -0.6709607 0.448387730 0.609967530  
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## 157 -0.7915389 0.238939540 0.573236910  
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## 159 -0.8167085 0.212301580 0.674960420  
## 160 -0.8204676 0.234950780 0.686001140  
## 161 -0.7282862 0.298816990 0.577122540  
## 162 -0.7282862 0.277694580 0.577122540  
## 163 -0.8816753 0.277694580 0.539804730  
## 164 -0.8561981 0.174209280 0.358645700  
## 165 -0.8561981 0.174209280 0.358645700  
## 166 -0.8440265 0.650818760 0.697300190  
## 167 -0.8440265 0.655094690 0.746369170  
## 168 -0.8123364 0.424923440 0.483723460  
## 169 -0.8594833 0.210963670 0.337388450  
## 170 -0.8355221 0.210963670 0.337388450  
## 171 -0.8254868 0.566829820 0.600969990  
## 172 -0.8254868 0.549826410 0.433374810  
## 173 -0.8529871 0.320812520 0.433374810  
## 174 -0.8552891 0.320812520 0.451937930  
## 175 -0.8557550 0.394231460 0.515291940  
## 176 -0.8553088 0.122538900 0.379889080  
## 177 -0.9893276 0.995562340 0.988395060  
## tBodyAccJerk-min()-Z tBodyAccJerk-sma() tBodyAccJerk-energy()-X  
## 1 0.9905192 -0.993522010 -0.9999349  
## 2 0.9885391 -0.991393740 -0.9999597  
## 3 0.9885391 -0.988147670 -0.9998942  
## 4 0.9932176 -0.992868350 -0.9999236  
## 5 0.9856091 -0.993831980 -0.9999692  
## 6 0.9856091 -0.993473030 -0.9999512  
## 7 0.9890016 -0.991759810 -0.9999557  
## 8 0.9890016 -0.991268510 -0.9999566  
## 9 0.9888335 -0.993453350 -0.9999698  
## 10 0.9872201 -0.985589420 -0.9999008  
## 11 0.9872201 -0.985010030 -0.9999019  
## 12 0.9900018 -0.993499830 -0.9999859  
## 13 0.9904475 -0.995525690 -0.9999942  
## 14 0.9937316 -0.995795580 -0.9999749  
## 15 0.9811695 -0.990798150 -0.9998863  
## 16 0.9886633 -0.996362260 -0.9999541  
## 17 0.9991108 -0.995614330 -0.9999512  
## 18 0.9915035 -0.995904840 -0.9999532  
## 19 0.9915035 -0.995779160 -0.9999622  
## 20 0.9959881 -0.996620620 -0.9999718  
## 21 0.9950578 -0.995739270 -0.9999660  
## 22 0.9918249 -0.993222560 -0.9999593  
## 23 0.9918249 -0.992248840 -0.9999613  
## 24 0.9943356 -0.993474500 -0.9999722  
## 25 0.9927062 -0.993743940 -0.9999734  
## 26 0.9927062 -0.992606640 -0.9999653  
## 27 0.9912408 -0.993827830 -0.9999706  
## 28 0.9762039 -0.974423620 -0.9996843  
## 29 0.9909137 -0.992597390 -0.9999193  
## 30 0.9909137 -0.994486370 -0.9999487  
## 31 0.9116812 -0.910478260 -0.9924909  
## 32 0.9116812 -0.861857590 -0.9890376  
## 33 0.9241798 -0.941830270 -0.9964529  
## 34 0.9878790 -0.990594270 -0.9998753  
## 35 0.9928848 -0.996594210 -0.9999351  
## 36 0.9952404 -0.998002290 -0.9999790  
## 37 0.9948379 -0.996755440 -0.9999697  
## 38 0.9948379 -0.996063050 -0.9999521  
## 39 0.9870027 -0.983354410 -0.9997715  
## 40 0.9923017 -0.992584890 -0.9998903  
## 41 0.9923017 -0.993539500 -0.9999470  
## 42 0.9871500 -0.992887790 -0.9999228  
## 43 0.9871500 -0.993858750 -0.9999396  
## 44 0.9879407 -0.994499120 -0.9999558  
## 45 0.9879407 -0.995253090 -0.9999357  
## 46 0.9947800 -0.995848900 -0.9999190  
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## 48 0.9883325 -0.993776440 -0.9999246  
## 49 0.9848264 -0.995280420 -0.9999230  
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## 51 0.9924620 -0.993735600 -0.9999290  
## 52 0.9638570 -0.959366430 -0.9982633  
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## 54 0.9887806 -0.995325510 -0.9999520  
## 55 0.9917189 -0.996367000 -0.9999461  
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## 57 0.9870507 -0.994146010 -0.9999189  
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## 65 0.8712981 -0.919267480 -0.9960550  
## 66 0.9710811 -0.983417040 -0.9997306  
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## 69 0.9473619 -0.942328930 -0.9990618  
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## 74 0.9938027 -0.975665120 -0.9995075  
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## 76 0.9914669 -0.994272130 -0.9999239  
## 77 0.9914669 -0.992873770 -0.9999067  
## 78 0.9943446 -0.990318350 -0.9998458  
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## 80 0.4667948 -0.115729590 -0.5995911  
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## 83 0.2329761 -0.158003010 -0.6709258  
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## 85 0.2982924 -0.136851850 -0.5937663  
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## 87 0.4372565 -0.280199750 -0.7567976  
## 88 0.3079328 -0.145669420 -0.6796998  
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## 90 0.3782765 -0.138600030 -0.5923939  
## 91 0.2802467 -0.097015159 -0.6407827  
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## 93 0.4300675 -0.038241793 -0.6072810  
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## 95 0.6028893 -0.070429007 -0.4901602  
## 96 0.6028893 -0.110395510 -0.5483782  
## 97 0.5129640 -0.095701990 -0.5740106  
## 98 0.4911101 -0.137224550 -0.6483927  
## 99 0.4985373 -0.082204732 -0.5624769  
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## 101 0.4374668 -0.116246250 -0.5255380  
## 102 0.2899028 -0.043864789 -0.5261558  
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## 104 0.4221319 -0.075072587 -0.6207137  
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## 106 0.5778952 -0.203558650 -0.6392320  
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## 109 0.4690392 -0.074793666 -0.6352161  
## 110 0.4475343 -0.100891280 -0.6223175  
## 111 0.4475343 -0.150482740 -0.6208753  
## 112 0.1982914 0.008038110 -0.5919114  
## 113 0.6394747 -0.117413410 -0.5718420  
## 114 0.4787569 -0.160371540 -0.5985414  
## 115 0.4787569 -0.162907920 -0.6453416  
## 116 0.3581562 -0.166056370 -0.6241576  
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## 118 0.4611959 -0.146116440 -0.5702253  
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## 120 0.6265161 -0.275170510 -0.6822724  
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## 123 0.5544455 -0.141746540 -0.6487573  
## 124 0.5456500 -0.149790720 -0.6567693  
## 125 0.5456500 -0.234793420 -0.6963040  
## 126 0.5347397 -0.312080180 -0.6772416  
## 127 0.4800786 -0.185474740 -0.5944972  
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## 129 0.3564094 -0.127756170 -0.6333938  
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## 131 0.4074474 0.006382802 -0.4184813  
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## 134 0.2178388 -0.187241350 -0.6368603  
## 135 -0.2721582 0.072678122 -0.3433153  
## 136 0.2163107 0.050761336 -0.3925728  
## 137 0.3182481 0.068267742 -0.3710934  
## 138 0.3182481 -0.014823773 -0.4657870  
## 139 0.3965959 -0.091850563 -0.4907036  
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## 141 0.2366838 -0.006365281 -0.4036559  
## 142 0.2366838 -0.021201241 -0.4283232  
## 143 0.4471754 -0.089758305 -0.5351296  
## 144 0.5318820 -0.118573620 -0.5209962  
## 145 0.2832166 -0.044396425 -0.5163885  
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## 147 0.5809535 -0.157723840 -0.5600544  
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## 149 0.4772456 -0.120261060 -0.5595735  
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## 151 0.6813350 -0.449711540 -0.8435885  
## 152 0.7079163 -0.485570060 -0.8608771  
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## 156 0.7273195 -0.490371850 -0.8543278  
## 157 0.6823264 -0.463935650 -0.8417620  
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## 160 0.7057009 -0.470585880 -0.8377779  
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## 162 0.7306103 -0.456322570 -0.8336963  
## 163 0.7853666 -0.536717470 -0.8694227  
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## 169 0.6629527 -0.452310740 -0.8453087  
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## 171 0.7303792 -0.495165270 -0.8946874  
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## 173 0.7079265 -0.510839720 -0.8920081  
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## 175 0.7269184 -0.497539630 -0.8599517  
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## 3 -0.9996364 -0.9997950 -0.9878456800  
## 4 -0.9998029 -0.9998829 -0.9946779500  
## 5 -0.9998203 -0.9998599 -0.9958878300  
## 6 -0.9998278 -0.9998560 -0.9952809400  
## 7 -0.9997372 -0.9997625 -0.9959603300  
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## 15 -0.9997069 -0.9998267 -0.9930590300  
## 16 -0.9999429 -0.9999154 -0.9923619300  
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## 18 -0.9998813 -0.9999254 -0.9927337900  
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## 87 -0.5617780 -0.9175564 -0.1967048100  
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## 89 -0.5611777 -0.8730582 -0.0775482680  
## 90 -0.5279788 -0.8908119 -0.0916345500  
## 91 -0.4348945 -0.8664655 -0.0162128910  
## 92 -0.3108488 -0.8370169 0.0722799670  
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## 94 -0.3900517 -0.8601031 0.1692642400  
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## 96 -0.5063007 -0.8668144 -0.0336471450  
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## 102 -0.2063765 -0.8602732 -0.0257164150  
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## 104 -0.1583936 -0.8649863 -0.0446351140  
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## 108 -0.2228228 -0.8651902 -0.0008565236  
## 109 -0.2452679 -0.8786648 -0.0547163810  
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## 113 -0.4976818 -0.8979298 0.1140676200  
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## 147 -0.6545071 -0.8672019 -0.0017541881  
## 148 -0.7667534 -0.8479315 0.2375788400  
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## 150 -0.6520079 -0.8129427 0.0077704512  
## 151 -0.8608988 -0.9352463 -0.2540570100  
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## 156 -0.8241384 -0.9505701 -0.4727307200  
## 157 -0.8336961 -0.9415476 -0.3909154500  
## 158 -0.8145036 -0.9357353 -0.3629763400  
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## 161 -0.7990126 -0.9461017 -0.4681397600  
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## 164 -0.8105821 -0.9695834 -0.4430497600  
## 165 -0.8390319 -0.9682073 -0.4190036200  
## 166 -0.9044057 -0.9695374 -0.4534642500  
## 167 -0.8985265 -0.9646536 -0.4628706600  
## 168 -0.8373572 -0.9596562 -0.3896719600  
## 169 -0.7363377 -0.9590669 -0.3979309500  
## 170 -0.7116213 -0.9574257 -0.4578523200  
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## 176 -0.7858246 -0.9661240 -0.5011878100  
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## tBodyAccJerk-iqr()-Y tBodyAccJerk-iqr()-Z tBodyAccJerk-entropy()-X  
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## 92 0.029653189 -0.4541257 0.61333629  
## 93 0.005671277 -0.4629586 0.67297340  
## 94 0.105656260 -0.4072933 0.67942592  
## 95 -0.004367996 -0.3569925 0.72371922  
## 96 -0.077313042 -0.4023619 0.72861307  
## 97 -0.082205803 -0.4508332 0.64415754  
## 98 -0.055785998 -0.4807557 0.56484580  
## 99 0.035557437 -0.4425090 0.57298668  
## 100 -0.071740361 -0.5260149 0.64088325  
## 101 -0.122708270 -0.6087183 0.67129156  
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## 103 -0.123797470 -0.4431641 0.71082888  
## 104 -0.058420561 -0.4226178 0.69652707  
## 105 -0.160396170 -0.5387630 0.65066355  
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## 112 0.172181350 -0.3991189 0.59980105  
## 113 0.014293502 -0.5140662 0.69716766  
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## 124 -0.150862340 -0.4190914 0.49191531  
## 125 -0.306642550 -0.5003610 0.61441106  
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## 135 -0.331329040 -0.3032914 0.65747119  
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## 137 -0.132944580 -0.3556450 0.54116473  
## 138 -0.306487420 -0.3475695 0.76579616  
## 139 -0.427911220 -0.3220186 0.61467429  
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## 142 -0.370257240 -0.1894109 0.44353611  
## 143 -0.208212650 -0.3575760 0.49738373  
## 144 -0.145107950 -0.4278202 0.52993711  
## 145 -0.087139099 -0.4497149 0.69195549  
## 146 0.043712284 -0.4140038 0.70271988  
## 147 -0.179111440 -0.4667454 0.53847287  
## 148 -0.386766940 -0.5171033 0.59614301  
## 149 -0.235500730 -0.4173987 0.70599001  
## 150 -0.224423960 -0.3945074 0.59033389  
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## 152 -0.506050090 -0.6559480 0.62903251  
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## 159 -0.327050870 -0.6174600 0.73070800  
## 160 -0.404466070 -0.6426826 0.60749531  
## 161 -0.381684920 -0.6929946 0.40073920  
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## 167 -0.488237540 -0.7153209 0.38847335  
## 168 -0.456798280 -0.6711167 0.53462552  
## 169 -0.354902910 -0.6898739 0.54042158  
## 170 -0.279508650 -0.6800016 0.56912045  
## 171 -0.465241550 -0.7118531 0.55461252  
## 172 -0.466000890 -0.6872936 0.50717566  
## 173 -0.421829200 -0.6651396 0.60961917  
## 174 -0.373253960 -0.6231283 0.66157946  
## 175 -0.445202240 -0.7041059 0.56803428  
## 176 -0.540495280 -0.7261402 0.50027599  
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## 2 -0.655362100 -7.673809e-01  
## 3 -0.673273630 -7.471068e-01  
## 4 -0.754968190 -8.252786e-01  
## 5 -0.746257780 -7.969596e-01  
## 6 -0.754968190 -7.908859e-01  
## 7 -0.726265920 -7.489310e-01  
## 8 -0.671549710 -7.779456e-01  
## 9 -0.660921410 -8.680572e-01  
## 10 -0.529134930 -7.672079e-01  
## 11 -0.576344100 -6.614924e-01  
## 12 -0.806635980 -7.349045e-01  
## 13 -0.797235060 -7.837896e-01  
## 14 -0.826455640 -7.901516e-01  
## 15 -0.900225450 -8.042210e-01  
## 16 -0.982791790 -7.983270e-01  
## 17 -0.858955890 -8.247193e-01  
## 18 -0.836902840 -8.581997e-01  
## 19 -0.870601650 -8.178386e-01  
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## 21 -0.870601650 -7.603533e-01  
## 22 -0.767836030 -7.939587e-01  
## 23 -0.704918580 -8.138585e-01  
## 24 -0.713080210 -7.489599e-01  
## 25 -0.732818060 -7.305823e-01  
## 26 -0.762750800 -7.608953e-01  
## 27 -0.762750800 -8.030115e-01  
## 28 -0.872837650 -9.531813e-01  
## 29 -0.895252580 -8.330005e-01  
## 30 -0.847730010 -7.704034e-01  
## 31 -0.279221960 -1.911947e-01  
## 32 -0.043095302 -9.454345e-02  
## 33 -0.460453240 -5.978266e-01  
## 34 -0.803439760 -8.856721e-01  
## 35 -0.847730010 -8.855542e-01  
## 36 -0.836902840 -8.486859e-01  
## 37 -0.816371680 -8.322179e-01  
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## 39 -0.522597540 -7.049338e-01  
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## 67 0.040662221 -1.427880e-01  
## 68 0.288804040 -9.706434e-02  
## 69 -0.104688830 -4.640838e-01  
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## 72 0.336770660 5.635064e-02  
## 73 0.007538485 -4.542578e-01  
## 74 -0.302419140 -6.428556e-01  
## 75 -0.704918580 -7.054469e-01  
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## 84 0.756441700 6.037296e-01  
## 85 0.681835550 5.393220e-01  
## 86 0.751961540 5.571775e-01  
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## 15 0.32987626 0.141028980  
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## 155 -0.59394920 0.347862830  
## 156 -0.61718983 0.453379540  
## 157 -0.35036635 0.142937640  
## 158 -0.17124085 -0.040781127  
## 159 -0.39656574 0.105040670  
## 160 -0.61710694 0.387968050  
## 161 -0.49064545 0.212389380  
## 162 -0.48147272 0.258104100  
## 163 -0.43615920 0.236371810  
## 164 -0.32099066 0.194309940  
## 165 -0.38289081 0.185543300  
## 166 -0.54318830 0.170086240  
## 167 -0.80853637 0.465843570  
## 168 -0.52445816 0.219970170  
## 169 -0.58901508 0.509112120  
## 170 -0.61804119 0.568376030  
## 171 -0.50142896 0.225314200  
## 172 -0.45805393 0.252647400  
## 173 -0.56425979 0.462984640  
## 174 -0.71816450 0.640154320  
## 175 -0.41143533 0.191291180  
## 176 -0.01552825 -0.211962680  
## 177 0.53667609 -0.213353530  
## tBodyAccJerk-arCoeff()-X,3 tBodyAccJerk-arCoeff()-X,4  
## 1 0.6368307500 0.3876435600  
## 2 0.3627145000 0.5273034200  
## 3 0.4645834600 0.3717178800  
## 4 0.4574450400 0.1934143400  
## 5 0.2969029200 0.2871847000  
## 6 0.2597405100 0.2019467600  
## 7 0.3075537500 0.2398078600  
## 8 0.3868415700 0.3938711700  
## 9 0.3778990000 0.3264202600  
## 10 0.2874711200 -0.0410566920  
## 11 0.3553933000 -0.0263765460  
## 12 0.4536623700 0.3021264000  
## 13 0.1925204700 0.3030984300  
## 14 0.4131011900 0.2663655900  
## 15 0.4191842700 0.2137465400  
## 16 0.2624911400 0.2556551500  
## 17 0.3709259400 0.0925224680  
## 18 0.4489232600 0.1368102500  
## 19 0.0760574450 0.1800706100  
## 20 -0.0851846990 0.3094016800  
## 21 0.2524917800 0.2138521300  
## 22 0.5068819500 0.2716051700  
## 23 0.2883479700 0.2753508100  
## 24 0.1318131400 0.2365885900  
## 25 0.1226478700 0.3477145800  
## 26 0.4267007900 0.2465956900  
## 27 0.5154723000 0.3388826300  
## 28 0.3388770500 0.0897615260  
## 29 0.3086440400 -0.0288059010  
## 30 0.3734040300 0.1166641500  
## 31 -0.1742742600 0.4425313500  
## 32 -0.0118170700 0.2210037100  
## 33 0.5320310500 -0.2944957900  
## 34 0.0436900510 -0.0550871240  
## 35 0.2534965700 0.2287725600  
## 36 0.0454901990 0.3360114400  
## 37 0.5911247800 0.0112112360  
## 38 0.4814131400 0.0427159390  
## 39 0.2752184200 0.2226867200  
## 40 0.4178460700 0.0332446000  
## 41 -0.0490547650 0.3159595200  
## 42 -0.1570708300 0.3160765500  
## 43 -0.0540793650 0.1657360300  
## 44 -0.0324816330 0.1363163700  
## 45 0.1100551500 0.1134100300  
## 46 0.2834623800 -0.0493282160  
## 47 0.2042978400 -0.0038976727  
## 48 0.2488027900 0.0796377670  
## 49 0.5159953400 0.2127099900  
## 50 0.3832411100 0.2477260700  
## 51 0.3876845200 0.0432060230  
## 52 -0.0837859120 0.0907945170  
## 53 0.1773690200 0.0382331470  
## 54 -0.2228036800 0.3686109500  
## 55 0.0399028610 0.1946455700  
## 56 0.1139044900 0.1916982400  
## 57 0.0748770480 0.0070728761  
## 58 0.0103701970 0.0568996080  
## 59 0.0589082280 0.2618039500  
## 60 0.0006850445 0.2821787100  
## 61 -0.2319261600 0.4838833900  
## 62 -0.1385761000 0.4770801500  
## 63 0.1770801900 0.4380306600  
## 64 0.1947616600 0.3683922700  
## 65 0.2898407400 -0.4186177700  
## 66 -0.1393791400 0.1918205800  
## 67 -0.2066142100 0.0897760370  
## 68 -0.1675541400 0.0363189470  
## 69 0.1068004500 -0.3558524000  
## 70 -0.0003802128 -0.1995181900  
## 71 0.1072777100 -0.0295758590  
## 72 0.1535966800 0.0164979800  
## 73 0.2169462700 -0.0947344900  
## 74 0.4498609700 0.1345516300  
## 75 0.3741423100 0.2693922600  
## 76 0.0945136680 0.3180784200  
## 77 0.2259050000 0.1830539800  
## 78 0.1449930700 0.1337493900  
## 79 -0.2701345200 0.0693237610  
## 80 -0.0134092710 -0.0541877160  
## 81 0.0092629302 -0.0871090320  
## 82 -0.1729227900 -0.0854016280  
## 83 -0.3175713600 -0.0953275810  
## 84 -0.1399797000 -0.2560091300  
## 85 -0.0267525900 -0.2939990900  
## 86 -0.1256046500 -0.0752099330  
## 87 0.3070157900 -0.0792269970  
## 88 0.1577205100 -0.0282269920  
## 89 -0.1151895500 0.0636361680  
## 90 -0.4004866400 0.1916363500  
## 91 -0.4953709100 0.2194376400  
## 92 -0.0343058900 -0.1422962400  
## 93 0.3097484900 -0.2016398900  
## 94 0.4583068400 -0.1635309100  
## 95 0.2064957100 -0.0993482010  
## 96 0.0939890800 -0.0875575870  
## 97 0.4353635000 -0.1502634200  
## 98 0.3433742800 -0.0814428170  
## 99 0.3313707400 -0.1464630000  
## 100 0.3835098400 -0.1464024000  
## 101 0.2606511200 -0.0971497480  
## 102 0.2984216900 -0.0530336390  
## 103 0.3409066300 -0.4098060800  
## 104 -0.0763713160 -0.1454724600  
## 105 -0.0547638450 -0.0672833120  
## 106 -0.1574575100 0.0653275690  
## 107 0.0529141990 -0.0780719490  
## 108 0.3157471200 -0.0989606470  
## 109 0.3127901800 0.0139026880  
## 110 0.2516966500 0.0937764860  
## 111 0.2612250700 -0.0293549420  
## 112 -0.1211593500 -0.0183671540  
## 113 0.0336517270 0.0094750445  
## 114 -0.0686247930 -0.0009385069  
## 115 -0.2892424900 0.0653438980  
## 116 -0.0227406480 -0.0970976410  
## 117 -0.0152414860 -0.1056108700  
## 118 -0.1926928100 0.0540440220  
## 119 0.0467710710 0.0354932700  
## 120 0.0019213023 0.1210659300  
## 121 0.0686445470 0.1529265200  
## 122 0.2579489500 -0.0431174380  
## 123 0.1204215600 0.0330179540  
## 124 0.0717568370 0.0145404430  
## 125 0.0673753550 -0.1079256600  
## 126 0.1376407000 -0.1511527700  
## 127 0.0450785440 -0.2233714000  
## 128 -0.0617892450 -0.2352374900  
## 129 -0.0688536760 -0.2601838500  
## 130 -0.0209925240 -0.2252382200  
## 131 -0.1339152900 -0.1991325600  
## 132 -0.5626332700 0.1004198400  
## 133 -0.4983785400 0.1335157300  
## 134 -0.2796343900 -0.1237498600  
## 135 0.0546959830 -0.0916886980  
## 136 -0.0328080960 -0.0993660010  
## 137 0.1771691500 -0.1479953000  
## 138 0.0505906680 -0.0642061320  
## 139 -0.1609001300 -0.0972469610  
## 140 -0.3133016900 -0.2078303200  
## 141 0.0006119561 -0.1137971400  
## 142 0.0059548178 -0.1593316900  
## 143 0.3013196700 -0.3793565200  
## 144 0.0031007289 -0.2582981400  
## 145 0.0424009870 -0.2458876600  
## 146 -0.1255758500 0.0100051480  
## 147 -0.1580625900 0.1404411700  
## 148 0.3281983300 -0.1150013800  
## 149 0.1598383700 -0.0950691810  
## 150 -0.1326198400 -0.1259669200  
## 151 0.2668999500 0.0678286520  
## 152 0.1801007700 -0.0448739700  
## 153 0.0967238480 -0.0624486680  
## 154 0.0640996210 -0.1778441800  
## 155 0.1085483200 -0.2967958600  
## 156 -0.1278178700 -0.0930582920  
## 157 0.2025849700 -0.1758092600  
## 158 0.3753878500 -0.1548287500  
## 159 0.3588287300 -0.3817174600  
## 160 -0.0255171540 -0.2196429300  
## 161 -0.0456794520 0.0261950350  
## 162 -0.0952232130 0.0437843320  
## 163 0.0727073940 -0.1514687100  
## 164 0.0927574720 -0.0527575840  
## 165 0.0569734000 -0.1143251900  
## 166 0.1300933000 -0.2787317400  
## 167 -0.0257770880 -0.2852343800  
## 168 0.1552234700 -0.3029350900  
## 169 -0.2399116900 -0.1367516400  
## 170 -0.4742873800 -0.0202033970  
## 171 0.0589593940 -0.1685111800  
## 172 0.2420350300 -0.3585305400  
## 173 -0.0804182170 -0.2108796100  
## 174 -0.3910388700 -0.0310670780  
## 175 0.0553585130 -0.2210542100  
## 176 0.4188277800 0.1454781200  
## 177 0.5126463800 -0.0690345540  
## tBodyAccJerk-arCoeff()-Y,1 tBodyAccJerk-arCoeff()-Y,2  
## 1 0.241401460 -0.052252848  
## 2 0.149395650 0.062925097  
## 3 0.082664878 -0.004621675  
## 4 0.102404660 -0.099103220  
## 5 0.318970470 -0.143364120  
## 6 0.350577430 -0.077269461  
## 7 0.078529161 -0.003967417  
## 8 0.163174080 0.025849130  
## 9 0.221569260 0.059024589  
## 10 -0.029588552 0.225281100  
## 11 -0.118344030 0.324212490  
## 12 0.206131030 0.138315030  
## 13 0.345095610 0.084757574  
## 14 0.312518210 -0.084436666  
## 15 -0.328382950 0.307775510  
## 16 0.161936910 -0.153452580  
## 17 0.358362260 -0.321456560  
## 18 0.231516970 -0.133470190  
## 19 0.165810790 -0.016961690  
## 20 0.226249940 -0.089899440  
## 21 0.257431750 -0.064085740  
## 22 0.286837420 0.186661860  
## 23 0.245150000 0.285326160  
## 24 0.220965570 0.168206030  
## 25 0.161469250 0.248112730  
## 26 0.337995330 0.150662810  
## 27 0.440567070 -0.003316526  
## 28 -0.198949600 -0.507492740  
## 29 0.085944987 -0.362223200  
## 30 0.117375350 0.050277191  
## 31 -0.309518240 0.186053310  
## 32 -0.329126790 0.220969840  
## 33 -0.325674350 0.208573460  
## 34 -0.019749876 -0.164158680  
## 35 0.243782040 0.242229580  
## 36 0.429364440 0.055447773  
## 37 0.446524200 0.006127840  
## 38 0.206383930 0.077654537  
## 39 0.038968665 -0.225066250  
## 40 0.237350430 0.042105723  
## 41 0.084875061 0.332940100  
## 42 0.258944220 0.290219070  
## 43 0.207382150 0.305820820  
## 44 0.196834170 0.185070560  
## 45 0.202601610 0.109460490  
## 46 0.072676512 0.248209360  
## 47 0.205066350 0.146681380  
## 48 0.184327590 0.153712250  
## 49 0.053420561 0.300586450  
## 50 0.170068880 0.234325200  
## 51 0.399597580 0.120196790  
## 52 -0.184274330 0.358529580  
## 53 0.236109730 0.019613715  
## 54 0.197024050 0.167965390  
## 55 0.374830000 0.062844185  
## 56 0.459198930 0.124804250  
## 57 0.354059960 0.202442680  
## 58 0.281516420 0.010214388  
## 59 0.287044080 -0.005824570  
## 60 0.316827260 0.168817100  
## 61 0.255960830 0.253903900  
## 62 0.223182400 0.206454500  
## 63 0.116758620 0.179467980  
## 64 0.234184340 -0.021003262  
## 65 0.403206880 -0.013086799  
## 66 0.102569100 -0.054936179  
## 67 -0.470674970 0.022751067  
## 68 -0.486786980 0.056245454  
## 69 -0.511887320 0.279168880  
## 70 -0.107877520 0.044223966  
## 71 0.117324140 -0.351300410  
## 72 0.132622780 -0.379256850  
## 73 -0.336288040 -0.139099170  
## 74 -0.267423520 -0.088636745  
## 75 0.089581547 -0.005826052  
## 76 0.375877020 -0.084441899  
## 77 0.270941280 -0.077471070  
## 78 0.194804450 0.076653390  
## 79 -0.440670140 0.347768660  
## 80 -0.391608190 0.353942160  
## 81 -0.386635090 0.381152160  
## 82 -0.352896560 0.205226520  
## 83 -0.256008390 0.087072352  
## 84 -0.155056240 -0.007437817  
## 85 -0.432218920 0.226976750  
## 86 -0.458840930 0.448830930  
## 87 -0.412718680 0.377455590  
## 88 -0.346841520 0.286512400  
## 89 -0.427591410 0.336143120  
## 90 -0.325069240 0.231015350  
## 91 -0.323562930 0.215601350  
## 92 -0.327395270 0.224020430  
## 93 -0.273797180 0.168899240  
## 94 -0.266375400 0.161391530  
## 95 -0.269441810 0.024480417  
## 96 -0.249549050 0.037436611  
## 97 -0.411429830 0.322652720  
## 98 -0.093902565 -0.033498865  
## 99 -0.233861550 0.057988709  
## 100 -0.305144690 0.194583360  
## 101 -0.222079730 0.193832110  
## 102 -0.104497520 0.133708550  
## 103 -0.307827790 0.312086010  
## 104 -0.427978090 0.440865170  
## 105 -0.276696100 0.198616970  
## 106 -0.456864090 0.447657300  
## 107 -0.663381120 0.804934880  
## 108 -0.240256550 0.088162965  
## 109 -0.186850590 0.075246625  
## 110 -0.385243840 0.369809750  
## 111 -0.343594000 0.354985920  
## 112 -0.071088994 -0.023550783  
## 113 -0.232815530 0.025872634  
## 114 -0.424012210 0.445010500  
## 115 -0.494297950 0.422927390  
## 116 -0.541181700 0.399999210  
## 117 -0.645448950 0.686082730  
## 118 -0.232738720 0.204201300  
## 119 0.020360455 -0.161137980  
## 120 -0.065707342 -0.111250000  
## 121 -0.290252860 0.189820130  
## 122 0.170780200 -0.298162690  
## 123 0.160903520 -0.346278130  
## 124 -0.364960960 0.183631670  
## 125 -0.486090370 0.387964580  
## 126 -0.333942150 0.474071240  
## 127 -0.227050380 0.317501420  
## 128 -0.304825560 0.206273300  
## 129 -0.495415960 0.483169310  
## 130 -0.423039700 0.490535800  
## 131 -0.344908720 0.409752080  
## 132 -0.177035930 0.175942560  
## 133 -0.005740916 -0.040956806  
## 134 -0.112464670 -0.012372456  
## 135 -0.224345310 0.297322750  
## 136 -0.186774680 0.242329030  
## 137 -0.290179150 0.051275070  
## 138 -0.380308500 0.119962450  
## 139 -0.592211990 0.601587800  
## 140 -0.548637380 0.539615300  
## 141 -0.158799430 0.213735220  
## 142 -0.020262547 0.144141230  
## 143 -0.235715170 0.238798270  
## 144 -0.070675325 0.079097642  
## 145 -0.180080470 0.044885075  
## 146 -0.240876010 0.197353850  
## 147 -0.110459570 -0.075870562  
## 148 -0.362169040 0.183177610  
## 149 -0.092953961 0.017603879  
## 150 -0.042388252 0.141170030  
## 151 -0.193595500 -0.163371590  
## 152 -0.081602462 -0.348138020  
## 153 -0.375867320 0.092753004  
## 154 -0.307966160 0.088210120  
## 155 -0.380809210 0.098897016  
## 156 -0.602377150 0.301592620  
## 157 -0.566390030 0.350292740  
## 158 -0.376075790 0.183028520  
## 159 -0.413559210 0.106498720  
## 160 -0.405041190 0.135252580  
## 161 -0.251888380 -0.142254600  
## 162 -0.208529730 -0.212856290  
## 163 -0.482965480 0.285580020  
## 164 -0.223157960 -0.036827961  
## 165 -0.184504800 -0.120284840  
## 166 -0.422591400 0.034581290  
## 167 -0.290051500 -0.098533294  
## 168 -0.501261350 0.361067750  
## 169 -0.499464940 0.385580770  
## 170 -0.513063920 0.348333440  
## 171 -0.491598570 0.128378750  
## 172 -0.498077110 0.285477090  
## 173 -0.518326380 0.256883760  
## 174 -0.508794480 0.152916050  
## 175 -0.448287120 0.179942980  
## 176 -0.198783740 0.022195846  
## 177 0.392786620 -0.431960510  
## tBodyAccJerk-arCoeff()-Y,3 tBodyAccJerk-arCoeff()-Y,4  
## 1 0.264177200 0.37343945  
## 2 0.370493430 0.41354814  
## 3 0.327470230 0.43762317  
## 4 0.194678850 0.48424363  
## 5 0.477454490 0.41796623  
## 6 0.562664630 0.35197600  
## 7 0.170514180 0.17978786  
## 8 0.122561430 0.27401695  
## 9 0.177102180 0.48265016  
## 10 0.063532105 0.38970210  
## 11 -0.078466281 0.32016688  
## 12 0.094012813 0.35596286  
## 13 0.365988540 0.22053782  
## 14 0.401130710 0.35107044  
## 15 -0.306064130 0.15318688  
## 16 0.025143376 0.07363486  
## 17 0.321205190 0.44336005  
## 18 0.348308620 0.45729766  
## 19 0.380940510 0.34605810  
## 20 0.390967250 0.50693909  
## 21 0.235572140 0.73832650  
## 22 0.128128150 0.59065141  
## 23 0.127656490 0.84921665  
## 24 0.253968820 0.63930153  
## 25 0.109234160 0.55601852  
## 26 0.336286560 0.62326976  
## 27 0.523132290 0.54548582  
## 28 0.255790880 -0.05601575  
## 29 0.073697878 -0.19508083  
## 30 0.119841670 0.36294314  
## 31 0.002515317 0.46428771  
## 32 -0.018027448 0.42218320  
## 33 0.039548081 0.18795733  
## 34 0.161349530 0.19301084  
## 35 0.208305390 0.34083253  
## 36 0.434531500 0.20861416  
## 37 0.517677820 0.37636100  
## 38 0.249185150 0.45630173  
## 39 0.142134140 0.04502327  
## 40 0.103389480 0.05921153  
## 41 -0.013547524 0.40535728  
## 42 0.349213680 0.50069516  
## 43 0.295967890 0.53811411  
## 44 0.241547880 0.59611885  
## 45 0.220016260 0.49040338  
## 46 0.011517831 0.41140965  
## 47 0.404491230 0.24818433  
## 48 0.406200010 0.30388781  
## 49 0.110128690 0.37916558  
## 50 0.307594670 0.26656133  
## 51 0.558709190 0.51665502  
## 52 0.013519784 0.32225892  
## 53 0.261846490 0.71653632  
## 54 0.186458020 0.66852309  
## 55 0.316140290 0.20964690  
## 56 0.356784250 0.42905740  
## 57 0.353180710 0.61192892  
## 58 0.450614160 0.38813878  
## 59 0.429230020 0.38796825  
## 60 0.229579280 0.65618972  
## 61 0.171952370 0.76082060  
## 62 0.248748280 0.46571841  
## 63 0.049019432 0.57888528  
## 64 0.320540610 0.35807227  
## 65 0.714477700 -0.23129159  
## 66 0.307972530 -0.09073992  
## 67 -0.244171430 0.52487077  
## 68 -0.248508510 0.49140003  
## 69 0.118277190 -0.10705541  
## 70 0.323140800 -0.02841846  
## 71 0.050962263 0.02301193  
## 72 0.008112599 -0.03756946  
## 73 -0.533991210 0.64749924  
## 74 -0.069830164 -0.30226853  
## 75 0.182164350 -0.03870774  
## 76 0.522096530 0.03149619  
## 77 0.382114330 0.28335533  
## 78 0.215983270 0.54494466  
## 79 0.052838987 0.35293063  
## 80 0.010456336 0.37066398  
## 81 -0.107648180 0.43757424  
## 82 0.053152622 0.46538243  
## 83 0.079688871 0.44932482  
## 84 0.253048210 0.41441040  
## 85 0.172951690 0.28874743  
## 86 -0.284087910 0.69597703  
## 87 -0.075324418 0.38717181  
## 88 0.068581978 0.34023065  
## 89 -0.074949745 0.40571892  
## 90 -0.016453487 0.53592508  
## 91 -0.153233880 0.64309390  
## 92 0.022084421 0.43448498  
## 93 0.247510980 0.28100995  
## 94 0.178210430 0.37763997  
## 95 0.190756160 0.47185163  
## 96 0.074680105 0.58979179  
## 97 -0.024621510 0.35336951  
## 98 0.511400200 0.23514129  
## 99 0.206040390 0.41752494  
## 100 0.057467365 0.43352545  
## 101 0.009361732 0.54740297  
## 102 0.190367320 0.50759658  
## 103 0.024310556 0.37297986  
## 104 -0.085333025 0.38037716  
## 105 0.204210530 0.33968781  
## 106 -0.204492190 0.50725188  
## 107 -0.610244720 0.72167858  
## 108 0.309449590 0.29602253  
## 109 0.303870840 0.29604945  
## 110 -0.122567360 0.50325349  
## 111 -0.103543640 0.54366044  
## 112 0.390569490 0.36068749  
## 113 0.229161460 0.37719138  
## 114 -0.341929890 0.66952249  
## 115 -0.238989650 0.54517475  
## 116 0.042951985 0.26107156  
## 117 -0.303309150 0.43795080  
## 118 0.048324847 0.61604424  
## 119 0.332077320 0.65911154  
## 120 0.269952590 0.56456378  
## 121 0.102122360 0.40809845  
## 122 0.481847400 0.59282318  
## 123 0.483142110 0.67066350  
## 124 0.134124750 0.42587634  
## 125 0.016420750 0.36022508  
## 126 -0.256295120 0.50545192  
## 127 -0.029859174 0.37921140  
## 128 0.115866060 0.24512103  
## 129 -0.357054810 0.52318003  
## 130 -0.427950220 0.70676361  
## 131 -0.160718630 0.57496295  
## 132 0.215039130 0.38203730  
## 133 0.636810860 0.23672223  
## 134 0.554886180 0.22747767  
## 135 -0.271311360 0.71100720  
## 136 0.033831559 0.41421321  
## 137 0.373043080 0.09976587  
## 138 0.349247810 0.09552600  
## 139 -0.386194400 0.14863545  
## 140 -0.263505600 0.19138238  
## 141 0.105656800 0.19264949  
## 142 0.130638590 0.15559415  
## 143 0.128257160 0.36897034  
## 144 0.277243470 0.41965093  
## 145 0.232367330 0.53542706  
## 146 0.175982320 0.33956829  
## 147 0.251911340 0.32459247  
## 148 0.028288065 0.25417489  
## 149 0.314187480 0.16054196  
## 150 0.374506640 0.33440217  
## 151 -0.002442738 0.29836294  
## 152 -0.054573395 0.42307537  
## 153 -0.112035170 0.33256994  
## 154 -0.067520101 0.41792301  
## 155 0.185756910 0.12523494  
## 156 0.039912308 0.03947994  
## 157 -0.161370260 0.22209186  
## 158 -0.020979194 0.12024824  
## 159 0.039436209 0.08875714  
## 160 -0.027884770 0.04383722  
## 161 0.396355980 -0.09979715  
## 162 0.414487050 -0.04442288  
## 163 -0.066880698 0.14570074  
## 164 0.268496790 0.10494152  
## 165 0.410844150 -0.04566949  
## 166 0.379935320 -0.27572003  
## 167 0.238781800 0.13644867  
## 168 -0.308771900 0.17637221  
## 169 -0.204746240 0.15108311  
## 170 -0.192948280 0.18883605  
## 171 0.035091153 0.17968393  
## 172 0.074810302 0.16894136  
## 173 0.279344010 -0.15993388  
## 174 0.305879840 -0.03982643  
## 175 0.124288990 0.25224139  
## 176 0.432502790 0.16227792  
## 177 0.626171320 0.12292654  
## tBodyAccJerk-arCoeff()-Z,1 tBodyAccJerk-arCoeff()-Z,2  
## 1 0.341777520 -0.569791190  
## 2 0.122215680 0.180613040  
## 3 0.257890870 0.070029640  
## 4 0.357657140 -0.187032480  
## 5 0.389537120 -0.030309087  
## 6 0.368688950 0.043385337  
## 7 0.292929790 0.155419740  
## 8 0.290997430 0.169373530  
## 9 0.279285520 -0.018772526  
## 10 -0.027805781 0.184722390  
## 11 0.108127000 0.053048033  
## 12 0.379700910 0.011049791  
## 13 0.120245250 0.251561920  
## 14 0.053632484 0.276308850  
## 15 -0.063728765 0.123007330  
## 16 0.358838870 -0.058505796  
## 17 0.221146300 -0.043595976  
## 18 0.071740053 0.194483230  
## 19 0.316234350 -0.056543124  
## 20 0.345484110 -0.148923330  
## 21 0.223935870 0.132405630  
## 22 0.337353970 0.183389420  
## 23 0.438246470 0.074144120  
## 24 0.258648430 0.015136761  
## 25 0.382405140 0.121737560  
## 26 0.315168050 0.256598910  
## 27 0.376621900 0.197245610  
## 28 -0.136791980 -0.389470070  
## 29 0.404561570 -0.152035850  
## 30 0.295589980 -0.024267349  
## 31 -0.601662930 0.095366401  
## 32 -0.597748940 0.121848180  
## 33 -0.466013740 0.111892790  
## 34 -0.040690532 0.001166918  
## 35 0.163912450 -0.118887810  
## 36 0.167704680 0.183135000  
## 37 0.158226460 0.351536160  
## 38 0.116361920 0.222114850  
## 39 0.227140460 -0.037222516  
## 40 0.297450810 -0.008035883  
## 41 0.431633230 -0.174837080  
## 42 0.331259990 -0.001149236  
## 43 0.331334250 0.115178090  
## 44 0.384246530 -0.061855240  
## 45 0.277690880 -0.096574425  
## 46 0.234454590 -0.061155888  
## 47 0.353126740 -0.063430113  
## 48 0.197176700 0.012985808  
## 49 -0.033125360 0.174984960  
## 50 0.108162310 0.119425070  
## 51 0.618408910 -0.025992448  
## 52 -0.010499295 -0.092176186  
## 53 0.166111170 0.164941100  
## 54 0.230790600 -0.056355264  
## 55 0.560960930 -0.094518340  
## 56 0.264499120 0.195171090  
## 57 0.229480240 0.089001259  
## 58 0.426723310 -0.060558795  
## 59 0.346281180 -0.097567312  
## 60 0.266407040 -0.058316226  
## 61 0.430748570 -0.039583095  
## 62 0.393163600 -0.001549568  
## 63 0.332368750 0.072924952  
## 64 0.325285090 0.161587950  
## 65 0.193873510 -0.232786760  
## 66 0.202160130 0.093601545  
## 67 -0.567292250 0.408558910  
## 68 -0.545875330 0.363875150  
## 69 -0.256493610 -0.122696610  
## 70 -0.239910410 0.002862870  
## 71 0.149120210 -0.782782290  
## 72 0.166368390 -0.799068630  
## 73 0.109095270 0.042768558  
## 74 0.155644040 -0.034376868  
## 75 0.236519470 -0.054174817  
## 76 0.144585650 0.056124257  
## 77 0.376491920 0.048974172  
## 78 0.404704360 0.048476494  
## 79 -0.219078860 0.148345200  
## 80 -0.298628700 0.239686140  
## 81 -0.102995470 0.063646258  
## 82 -0.267334170 0.242754750  
## 83 -0.291857170 0.237659230  
## 84 -0.152788320 0.159225680  
## 85 -0.293088930 0.330194530  
## 86 -0.025844437 0.047515602  
## 87 -0.324280580 0.140679280  
## 88 -0.294216720 0.366464510  
## 89 0.038875884 0.066204138  
## 90 0.068917299 -0.010508735  
## 91 -0.338221640 0.380483980  
## 92 -0.477662530 0.547027270  
## 93 0.018457498 0.145305590  
## 94 0.212407010 -0.064375168  
## 95 0.002574833 -0.056989411  
## 96 -0.072427468 0.016070451  
## 97 -0.123483920 0.030593440  
## 98 -0.255169660 0.269698440  
## 99 -0.054106094 -0.003825680  
## 100 0.168118570 -0.118563540  
## 101 0.053938603 0.040569052  
## 102 -0.153306880 0.243392460  
## 103 -0.262372590 0.234864090  
## 104 -0.370386100 0.221122920  
## 105 -0.260741730 0.076982268  
## 106 -0.095883296 0.071659717  
## 107 -0.290577850 0.348369140  
## 108 -0.206580700 0.186435690  
## 109 -0.073545406 0.047627141  
## 110 -0.002947852 0.019715642  
## 111 -0.017944351 -0.079218283  
## 112 0.069093644 0.070368161  
## 113 0.322906470 -0.307555350  
## 114 0.041568912 0.064812051  
## 115 0.009329724 0.025649026  
## 116 -0.085272320 0.023486832  
## 117 -0.487112190 0.502060410  
## 118 -0.433028080 0.426959620  
## 119 -0.397574180 0.379164940  
## 120 -0.691117130 0.689192710  
## 121 -0.653371460 0.583158680  
## 122 -0.419225370 0.368184770  
## 123 -0.431140010 0.388114270  
## 124 -0.427171120 0.233569540  
## 125 -0.192804500 0.029483917  
## 126 -0.094357760 0.276481300  
## 127 0.062552648 0.381373850  
## 128 0.092101755 0.363212890  
## 129 0.075517371 0.323840710  
## 130 -0.027505144 0.433782550  
## 131 -0.250045010 0.615391900  
## 132 -0.053525441 0.504901290  
## 133 0.296395100 0.090697993  
## 134 0.434694680 0.115027850  
## 135 0.271708240 0.024794932  
## 136 -0.073813857 0.333810050  
## 137 0.135553780 0.209244980  
## 138 -0.234082010 0.590222330  
## 139 -0.296963410 0.622172670  
## 140 -0.095135266 0.315152450  
## 141 0.121749340 0.223046260  
## 142 0.125363550 0.172438680  
## 143 -0.019334812 0.298902650  
## 144 0.015247058 0.304817180  
## 145 -0.336423750 0.466478250  
## 146 -0.279274570 0.389452010  
## 147 -0.211375970 0.387127870  
## 148 0.044728051 0.211304740  
## 149 0.249025190 0.057415677  
## 150 0.189686520 0.052065784  
## 151 -0.678289740 0.266563230  
## 152 -0.734217840 0.393520160  
## 153 -0.549194090 0.148329090  
## 154 -0.429729930 0.195809910  
## 155 -0.607530830 0.367175180  
## 156 -0.636118950 0.295394310  
## 157 -0.172828700 -0.176481590  
## 158 -0.200980430 -0.164919980  
## 159 -0.200414850 -0.120364070  
## 160 -0.541306150 0.111408390  
## 161 -0.719620180 0.427561030  
## 162 -0.510747130 0.250827270  
## 163 -0.263571090 -0.099781607  
## 164 -0.451004730 0.036601581  
## 165 -0.613706900 0.191006300  
## 166 -0.485026150 0.032244392  
## 167 -0.304131020 -0.117830390  
## 168 -0.308749240 -0.298065250  
## 169 -0.341265500 -0.039080990  
## 170 -0.209148100 -0.079305006  
## 171 -0.200610600 -0.166245420  
## 172 -0.346175290 0.067420362  
## 173 -0.378151450 0.015951072  
## 174 -0.168009940 -0.314427610  
## 175 -0.130779410 -0.342894630  
## 176 -0.349283050 0.064317371  
## 177 0.342757310 -0.390783550  
## tBodyAccJerk-arCoeff()-Z,3 tBodyAccJerk-arCoeff()-Z,4  
## 1 0.265398820 -0.477874890  
## 2 0.047423999 0.166572680  
## 3 0.186972990 0.246799660  
## 4 0.298068720 0.451869550  
## 5 0.163261250 0.180188860  
## 6 0.147311490 0.299171950  
## 7 0.243546920 0.611886550  
## 8 0.331684350 0.530159430  
## 9 0.200535100 0.171020520  
## 10 -0.224846040 0.213398800  
## 11 0.019117653 0.222991870  
## 12 0.342493500 0.324147080  
## 13 0.019340305 0.188900140  
## 14 -0.034907489 0.315414730  
## 15 -0.202965690 0.300392270  
## 16 0.172559460 0.167273770  
## 17 -0.075016918 0.362965970  
## 18 0.001854289 0.378439300  
## 19 0.226576370 0.608030450  
## 20 0.164761800 0.564865090  
## 21 0.057648496 0.236142420  
## 22 0.193148100 0.166368680  
## 23 0.340347630 0.287029100  
## 24 0.119021970 0.172278280  
## 25 0.149600960 -0.119699130  
## 26 0.057758330 0.144313370  
## 27 0.181551570 0.316971150  
## 28 -0.217090790 -0.368110800  
## 29 0.208434370 0.064044182  
## 30 0.131697930 0.261898000  
## 31 -0.656709250 0.244492350  
## 32 -0.589910080 0.085652898  
## 33 -0.372541440 -0.368244890  
## 34 -0.225457400 0.228731170  
## 35 -0.011818866 0.418732690  
## 36 -0.071092449 0.345690250  
## 37 -0.023786403 0.263300270  
## 38 0.013048376 0.159716530  
## 39 0.077581665 0.088580315  
## 40 0.209837710 0.327291970  
## 41 0.298267910 0.519130760  
## 42 0.309074350 0.378865610  
## 43 0.182360400 0.377971300  
## 44 0.209918570 0.244593140  
## 45 0.273471020 0.007414692  
## 46 0.261142490 0.310387800  
## 47 0.257837470 0.321496150  
## 48 0.003283997 0.280920970  
## 49 -0.275327990 0.439246380  
## 50 0.037704871 0.144589870  
## 51 0.527183740 0.235231260  
## 52 -0.046172202 -0.210219240  
## 53 -0.058063542 0.224156110  
## 54 0.099691735 0.063886900  
## 55 0.320587590 0.196632340  
## 56 0.034509841 0.372380850  
## 57 0.220033190 -0.055327553  
## 58 0.230288150 0.068526722  
## 59 0.093478652 0.157796920  
## 60 0.195399700 -0.195557580  
## 61 0.229150170 0.015283233  
## 62 0.190624860 0.130724300  
## 63 0.163949420 0.162266930  
## 64 0.219367340 0.231811580  
## 65 0.147475740 -0.274497470  
## 66 0.114724620 -0.146075430  
## 67 -0.955494460 0.332696510  
## 68 -0.916994500 0.271343940  
## 69 -0.385066260 -0.213843150  
## 70 -0.027366440 -0.260678990  
## 71 -0.059026150 0.499374060  
## 72 -0.088951502 0.608015290  
## 73 -0.193943610 0.642379700  
## 74 0.197623980 0.150929730  
## 75 0.387368710 0.157623260  
## 76 0.074547278 0.220995850  
## 77 0.235329520 0.444356820  
## 78 0.260861120 0.476306060  
## 79 -0.044109892 -0.123718280  
## 80 -0.013087758 -0.148445370  
## 81 0.235085640 -0.279975690  
## 82 -0.028220360 -0.154872890  
## 83 -0.049578837 -0.150802140  
## 84 -0.013636186 -0.068493218  
## 85 -0.222562730 -0.033473286  
## 86 0.194080600 -0.255411290  
## 87 0.061217451 -0.237263950  
## 88 -0.097122929 -0.056045647  
## 89 0.185895010 -0.118253280  
## 90 0.287282200 -0.231963200  
## 91 -0.086145746 -0.160494720  
## 92 -0.227211380 -0.080933778  
## 93 0.152725730 0.054577011  
## 94 0.249558340 0.297513310  
## 95 0.367104690 -0.028478777  
## 96 0.110833630 0.062291063  
## 97 0.161452280 -0.165123970  
## 98 -0.042344707 -0.281744110  
## 99 0.147643410 -0.198959810  
## 100 0.209248600 -0.049894534  
## 101 0.130929870 -0.045264810  
## 102 0.057867089 -0.096017211  
## 103 0.127659700 -0.364748940  
## 104 0.196564510 -0.544616390  
## 105 0.270400360 -0.440378950  
## 106 -0.101342120 0.038186894  
## 107 -0.271546920 -0.075403675  
## 108 -0.019746938 -0.159437040  
## 109 0.200510360 -0.022897394  
## 110 0.143061690 0.036578780  
## 111 0.179754690 -0.044012601  
## 112 0.217131460 -0.098654517  
## 113 0.490171390 -0.189280870  
## 114 0.122688430 -0.229509330  
## 115 0.041526437 -0.174262890  
## 116 0.184824490 -0.313740620  
## 117 -0.242512260 -0.181002270  
## 118 -0.339921840 -0.035101812  
## 119 -0.343544360 -0.028920438  
## 120 -0.581113320 0.049911381  
## 121 -0.560252030 0.083279677  
## 122 -0.411492480 -0.050968284  
## 123 -0.219273760 -0.152186270  
## 124 -0.007277154 -0.233373470  
## 125 0.095888449 -0.176758210  
## 126 0.199904260 -0.090559593  
## 127 -0.032552730 0.196617040  
## 128 0.030227880 0.177813490  
## 129 0.060966958 -0.024145777  
## 130 -0.067708584 0.223325930  
## 131 -0.183481020 0.364460040  
## 132 0.041757094 0.336853760  
## 133 0.436771140 0.202742550  
## 134 0.433612470 0.276334490  
## 135 0.341329290 0.155760800  
## 136 -0.037230609 0.474236900  
## 137 0.194105490 0.459677510  
## 138 -0.273211910 0.263305580  
## 139 -0.363971810 0.325461280  
## 140 0.065167608 0.236428070  
## 141 0.235120290 0.205564290  
## 142 0.233500060 0.106566370  
## 143 0.080182524 0.197279950  
## 144 0.066301473 0.234095580  
## 145 -0.030767912 0.127296260  
## 146 -0.033190503 0.158247930  
## 147 -0.064935533 0.192310420  
## 148 0.263591280 0.047602302  
## 149 0.491778760 -0.022048109  
## 150 0.472738600 0.044097734  
## 151 0.143305280 -0.640772640  
## 152 -0.236270010 -0.211716550  
## 153 -0.248342580 -0.152990270  
## 154 -0.421349810 -0.084729178  
## 155 -0.241508360 -0.327543450  
## 156 -0.102922510 -0.467725410  
## 157 -0.038134311 -0.047729068  
## 158 -0.035500504 -0.067001274  
## 159 -0.034946868 -0.137212540  
## 160 -0.012827324 -0.345616850  
## 161 -0.189675580 -0.399881270  
## 162 -0.195848950 -0.295188970  
## 163 -0.133497310 -0.193581560  
## 164 -0.066157572 -0.376547260  
## 165 -0.203327200 -0.528722250  
## 166 -0.047405960 -0.511715150  
## 167 -0.040739458 -0.362549710  
## 168 0.046198183 -0.176272080  
## 169 -0.106541300 -0.160328550  
## 170 -0.089753897 -0.310505100  
## 171 -0.032232152 -0.266766720  
## 172 -0.227624840 -0.024186171  
## 173 -0.150465820 -0.396655490  
## 174 0.114761180 -0.554547370  
## 175 -0.020119451 -0.329285460  
## 176 -0.174702790 -0.448000450  
## 177 0.174989520 -0.092535098  
## tBodyAccJerk-correlation()-X,Y tBodyAccJerk-correlation()-X,Z  
## 1 -0.385300500 0.033643943  
## 2 -0.208772180 0.084103799  
## 3 -0.120104660 -0.110025630  
## 4 -0.127495150 -0.083278359  
## 5 -0.272883600 0.103064750  
## 6 -0.374610950 0.041825695  
## 7 0.108143230 0.254551660  
## 8 0.209936320 0.303799460  
## 9 -0.301465540 -0.060574147  
## 10 0.106665680 0.136307120  
## 11 0.205178850 0.256964840  
## 12 -0.262583610 0.115339800  
## 13 -0.093111521 -0.184569230  
## 14 -0.218120130 0.030357820  
## 15 -0.235410180 -0.038076262  
## 16 -0.002551633 -0.074397453  
## 17 -0.097228401 0.047331418  
## 18 -0.098731431 0.060070412  
## 19 0.031554035 0.159745430  
## 20 -0.053548189 0.375932970  
## 21 -0.158677720 0.239963290  
## 22 -0.131843120 0.474658650  
## 23 -0.209320550 0.406195270  
## 24 -0.162668880 0.263444930  
## 25 -0.129360610 0.305137030  
## 26 -0.101277660 0.432370290  
## 27 -0.092575488 0.369454710  
## 28 0.063643890 0.119027570  
## 29 -0.363540450 -0.240163420  
## 30 -0.437101210 -0.132440740  
## 31 -0.547728250 -0.254727620  
## 32 -0.465716320 -0.242341860  
## 33 -0.214261830 -0.154990610  
## 34 -0.498964020 -0.036378221  
## 35 -0.508495140 0.107459460  
## 36 -0.157222170 0.373563710  
## 37 -0.235739310 0.256845460  
## 38 -0.162545820 -0.023392231  
## 39 0.056420447 0.030212806  
## 40 -0.259052820 -0.036388908  
## 41 -0.355717250 0.019556596  
## 42 -0.182918030 -0.099165656  
## 43 0.010472500 0.232837940  
## 44 -0.049165008 0.520191020  
## 45 -0.131069230 0.255001820  
## 46 -0.304279450 0.356131670  
## 47 -0.161880000 0.300205190  
## 48 -0.026581153 0.123732890  
## 49 0.023903090 0.145420180  
## 50 0.048057130 0.071610674  
## 51 -0.090188720 0.281259730  
## 52 0.815406500 0.184348570  
## 53 0.028894766 0.280025040  
## 54 -0.269252230 0.499018670  
## 55 -0.487434860 0.669506610  
## 56 -0.242978590 0.457454050  
## 57 0.173867190 0.224301860  
## 58 0.049467893 0.071982262  
## 59 -0.290174370 0.113465760  
## 60 -0.275149550 0.163374390  
## 61 -0.204722000 0.152413390  
## 62 -0.157766990 0.214927550  
## 63 -0.166440740 0.188578450  
## 64 -0.194117650 -0.020017427  
## 65 -0.131715090 -0.547200640  
## 66 -0.082276665 0.189547810  
## 67 0.539830510 0.364180620  
## 68 0.531973990 0.301641800  
## 69 0.093499711 -0.274417700  
## 70 0.098248049 -0.329882660  
## 71 0.485130380 0.290926460  
## 72 0.536875270 0.358317940  
## 73 0.293819860 -0.161137960  
## 74 -0.063109724 -0.072455945  
## 75 -0.023996426 -0.008259743  
## 76 -0.095351327 0.125335380  
## 77 0.117638810 0.069478334  
## 78 0.111349770 0.134363740  
## 79 -0.367091900 -0.192283360  
## 80 -0.301345110 -0.269860910  
## 81 -0.221572180 -0.279838700  
## 82 -0.151880510 -0.269317390  
## 83 -0.203931150 -0.154448070  
## 84 -0.159566540 -0.053069215  
## 85 0.080299512 -0.087217493  
## 86 0.025644476 -0.263396180  
## 87 -0.282677940 -0.207079370  
## 88 -0.237256990 -0.243976650  
## 89 -0.103874750 -0.147424760  
## 90 -0.017096531 -0.180570700  
## 91 -0.091910876 -0.175821840  
## 92 -0.165264550 -0.195871240  
## 93 -0.030151665 -0.225084380  
## 94 -0.049771890 -0.297461940  
## 95 -0.121584490 -0.409550890  
## 96 0.025660366 -0.240842690  
## 97 -0.048464463 -0.253305750  
## 98 -0.162549300 -0.255019990  
## 99 -0.021996143 -0.143448640  
## 100 -0.174122330 -0.272164330  
## 101 -0.243525890 -0.198722060  
## 102 -0.376025560 -0.309908730  
## 103 -0.303746390 -0.319631070  
## 104 -0.243031650 -0.249786880  
## 105 -0.207386320 -0.185581470  
## 106 -0.015885416 -0.026360987  
## 107 0.034068108 -0.057197510  
## 108 0.039892134 -0.137543630  
## 109 -0.039496952 -0.213296420  
## 110 -0.097537775 -0.131092250  
## 111 -0.152900820 -0.131503590  
## 112 0.006629045 -0.141784600  
## 113 -0.046440592 -0.269314190  
## 114 0.048377337 -0.139615990  
## 115 -0.117016980 -0.065315989  
## 116 -0.285013790 -0.279160780  
## 117 -0.177311610 -0.256913530  
## 118 -0.023716902 -0.144586770  
## 119 0.013310384 -0.025309559  
## 120 -0.263201470 -0.087956434  
## 121 -0.228404290 -0.157196160  
## 122 -0.073647621 -0.113284490  
## 123 -0.023037179 -0.260822800  
## 124 -0.032043427 -0.253312530  
## 125 -0.202682920 -0.107926410  
## 126 -0.325414600 -0.520593860  
## 127 -0.532470890 -0.223866290  
## 128 -0.574609320 -0.217664990  
## 129 -0.381924240 -0.293633080  
## 130 -0.073408328 -0.310543680  
## 131 -0.100068850 -0.487030660  
## 132 -0.205623040 -0.558401880  
## 133 -0.277257000 -0.318813200  
## 134 -0.461440450 -0.418870300  
## 135 -0.375365970 -0.665121630  
## 136 -0.311439230 -0.439138570  
## 137 -0.397842220 -0.401588960  
## 138 -0.251188720 -0.300811930  
## 139 -0.061905604 -0.174587720  
## 140 -0.246468740 -0.137000680  
## 141 -0.209535650 -0.157124930  
## 142 -0.101198210 -0.137534920  
## 143 -0.515840480 -0.316307170  
## 144 -0.471619340 -0.286516520  
## 145 -0.359559770 -0.224055980  
## 146 -0.331255420 0.012143940  
## 147 -0.125732620 0.046648801  
## 148 -0.113950610 -0.282466850  
## 149 -0.233364730 -0.272550870  
## 150 -0.247556760 -0.214282500  
## 151 -0.119928100 -0.242067970  
## 152 -0.149293580 -0.266144730  
## 153 0.165752590 -0.065337167  
## 154 -0.074058179 0.131627360  
## 155 -0.404679780 -0.134824510  
## 156 -0.271849020 -0.186964440  
## 157 -0.256435920 -0.100860560  
## 158 -0.303987750 -0.185242950  
## 159 -0.148991320 -0.112092510  
## 160 -0.311864060 -0.272433760  
## 161 -0.255003490 -0.172418330  
## 162 -0.194947020 -0.038603056  
## 163 -0.358549470 -0.001777714  
## 164 -0.434010950 -0.009966085  
## 165 -0.401828940 0.022505093  
## 166 -0.292387060 0.011677073  
## 167 -0.390538650 0.004434835  
## 168 -0.174464670 0.200174970  
## 169 -0.358086540 -0.035956463  
## 170 -0.366932360 -0.042619214  
## 171 -0.152767490 -0.093591032  
## 172 -0.448711590 -0.243832230  
## 173 -0.503502070 -0.147258840  
## 174 -0.202121720 0.061013034  
## 175 -0.156071960 0.174665830  
## 176 -0.693816830 0.044065905  
## 177 -0.029389798 -0.206925560  
## tBodyAccJerk-correlation()-Y,Z tBodyGyro-mean()-X tBodyGyro-mean()-Y  
## 1 -0.126510820 -0.0061008489 -0.031364791  
## 2 -0.268553900 -0.0161116200 -0.083893777  
## 3 -0.039952746 -0.0316982940 -0.102335420  
## 4 0.457059830 -0.0434099830 -0.091386182  
## 5 0.064729309 -0.0339604160 -0.074708034  
## 6 -0.111782090 -0.0287755080 -0.070393108  
## 7 0.264624870 -0.0286002510 -0.083046734  
## 8 0.191844380 -0.0242002620 -0.077892610  
## 9 0.064353480 -0.0248310250 -0.066401639  
## 10 0.440077090 -0.0234154000 -0.070925683  
## 11 0.281471610 -0.0247082550 -0.068884585  
## 12 -0.303204080 -0.0311731580 -0.074666711  
## 13 -0.166531600 -0.0291686110 -0.075944066  
## 14 -0.110299310 -0.0270870930 -0.071831343  
## 15 0.193140370 -0.0105482010 0.157054250  
## 16 0.116398260 -0.0158108590 0.027702205  
## 17 -0.157477700 -0.0134068160 -0.046264419  
## 18 -0.261706510 -0.0127250970 -0.077761376  
## 19 -0.037604755 -0.0246423600 -0.087790863  
## 20 0.254196560 -0.0294619130 -0.084376762  
## 21 0.099502630 -0.0298149330 -0.078706495  
## 22 -0.012174827 -0.0291788900 -0.079554020  
## 23 -0.002821985 -0.0281536990 -0.076118947  
## 24 0.042514980 -0.0272209350 -0.069195151  
## 25 0.033019343 -0.0249607010 -0.071607144  
## 26 -0.026853834 -0.0273727390 -0.075304300  
## 27 0.094403698 -0.0305296170 -0.074705186  
## 28 0.396556490 -0.0464896660 -0.282897940  
## 29 0.155448030 -0.0484083800 -0.239173860  
## 30 0.197492770 -0.0394119360 -0.166747870  
## 31 -0.204399180 -0.0377316410 0.021333829  
## 32 -0.126358650 -0.0038232806 0.019187316  
## 33 0.092326309 -0.0045972195 -0.156696110  
## 34 -0.094961035 -0.0426815420 -0.152633430  
## 35 0.079505921 -0.0415567130 -0.113257980  
## 36 0.285968130 -0.0354576770 -0.091001714  
## 37 0.215853470 -0.0309191370 -0.074625079  
## 38 -0.113579550 -0.0282019870 -0.072296089  
## 39 -0.119021570 -0.2250394600 -0.133158860  
## 40 -0.020750148 -0.1493380800 -0.107575560  
## 41 -0.011108780 -0.0793661120 -0.094869929  
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## 46 -0.026198369 -0.0246441440 -0.070023979  
## 47 -0.170015350 -0.0263386700 -0.074526058  
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## 49 -0.294621760 -0.0286992320 -0.075571862  
## 50 -0.221873070 -0.0280060840 -0.076306270  
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## 53 -0.220895720 0.0092571098 -0.078793121  
## 54 -0.166835580 -0.0134243890 -0.075370833  
## 55 -0.462894490 -0.0249598100 -0.076133944  
## 56 -0.469867700 -0.0295503870 -0.068085138  
## 57 -0.101137030 -0.0304311470 -0.073488076  
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## 59 -0.171019550 -0.0288541800 -0.072704386  
## 60 -0.007425133 -0.0277371350 -0.075772812  
## 61 -0.035244753 -0.0274154380 -0.076236511  
## 62 -0.077605724 -0.0275579170 -0.074717452  
## 63 -0.346804520 -0.0281896880 -0.075922288  
## 64 -0.295073660 -0.0279483240 -0.075748823  
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## 66 0.099270797 0.1186012000 -0.018781307  
## 67 0.505775480 -0.0593797790 0.088092240  
## 68 0.437498370 -0.0359611920 -0.034605486  
## 69 -0.291816810 0.0821332120 -0.243235220  
## 70 -0.178498240 -0.0369361030 -0.057546422  
## 71 0.712753600 -0.2378248200 0.001320819  
## 72 0.759497230 -0.2298139700 -0.084139792  
## 73 -0.070798529 0.0499288140 -0.115302760  
## 74 -0.059533315 0.1612799100 -0.130438590  
## 75 -0.106109450 0.0865720530 -0.107677430  
## 76 -0.220228440 0.0189821970 -0.088940444  
## 77 -0.233705310 -0.0223196250 -0.073791881  
## 78 -0.221452890 -0.0334966340 -0.068706240  
## 79 0.504731480 -0.4797295200 0.082034033  
## 80 0.456118480 0.0940914810 -0.309152910  
## 81 0.470135100 0.2112005700 -0.272905420  
## 82 0.510220770 0.0960817380 -0.163394250  
## 83 0.584593450 0.0087423875 0.011660578  
## 84 0.568275260 -0.0425566000 0.097617796  
## 85 0.350714830 -0.0372465090 -0.097676458  
## 86 0.301148890 -0.0161086060 -0.224752700  
## 87 0.666762800 -0.2392859300 0.078229978  
## 88 0.658310500 -0.0707388470 -0.118815440  
## 89 0.544987240 0.0127809600 -0.295050110  
## 90 0.414512510 -0.0196917170 -0.163205240  
## 91 0.497958290 -0.0492023810 0.088514793  
## 92 0.589804220 -0.0179271180 0.105327810  
## 93 0.560669280 -0.0114817050 -0.153322760  
## 94 0.437571490 0.0129971230 -0.227591540  
## 95 0.259923020 0.0146516100 -0.190636540  
## 96 0.236881430 -0.0455323790 -0.146006390  
## 97 0.294606070 -0.0683534970 0.023946895  
## 98 0.325321870 -0.0658244830 0.104709540  
## 99 0.409982020 0.1916016200 -0.075822649  
## 100 0.426782220 0.0214834250 0.064451419  
## 101 0.449738990 -0.0366181740 -0.089046514  
## 102 0.670427780 -0.0329982000 -0.167240480  
## 103 0.722056610 -0.0451324380 -0.262268960  
## 104 0.716047050 -0.0664706230 0.005645369  
## 105 0.671484730 -0.0475147220 0.144637250  
## 106 0.451000730 -0.0599592100 0.025881487  
## 107 0.418676370 -0.0170109650 -0.132132070  
## 108 0.466354830 0.0367745900 -0.235416280  
## 109 0.490822500 0.0017780167 -0.174895940  
## 110 0.504007190 -0.0334570170 -0.049285129  
## 111 0.610607290 -0.0813724460 0.056962195  
## 112 0.649873480 -0.6312848700 0.338864070  
## 113 0.374280240 -0.3664444300 0.072161271  
## 114 0.472624590 -0.1993631100 -0.095754272  
## 115 0.461054790 -0.0980312970 0.039626295  
## 116 0.478108430 0.0174702530 0.051533555  
## 117 0.529633930 0.0481354480 -0.082637884  
## 118 0.330022230 -0.0070935541 -0.160172310  
## 119 0.210473910 0.0002141360 -0.257720910  
## 120 0.313915700 -0.0213563490 -0.125467980  
## 121 0.329508350 -0.0729442890 -0.115063500  
## 122 0.339436250 -0.0470359840 -0.149365460  
## 123 0.452506920 0.0080967756 0.018427911  
## 124 0.461221180 -0.0281804970 0.134382080  
## 125 0.414254740 -0.0439752200 -0.001417998  
## 126 0.177339230 -0.0327278590 -0.111061650  
## 127 0.250825240 -0.0734237860 -0.081083025  
## 128 0.323986100 -0.4770527400 0.180647750  
## 129 0.253779720 -0.4445244400 0.168844280  
## 130 0.207009180 0.0763076690 -0.139809360  
## 131 0.326443220 -0.1756098000 -0.024263868  
## 132 0.330599070 0.0006238958 -0.096132919  
## 133 0.283257060 0.4475728500 -0.307168600  
## 134 0.399924850 0.2946423300 -0.206986920  
## 135 0.290669630 -0.4128569000 0.182605990  
## 136 0.292814530 -0.3301899200 0.137855930  
## 137 0.326385070 -0.5619920300 0.354484130  
## 138 0.037222261 -0.1731315500 0.079567930  
## 139 -0.224629490 0.0573099430 -0.110243800  
## 140 -0.127727660 -0.1924602200 -0.094912968  
## 141 0.015637408 0.2096373900 -0.337988200  
## 142 -0.100684400 0.4022881900 -0.338773950  
## 143 0.450060470 -0.4701094300 0.217700420  
## 144 0.336915560 -0.4379426300 0.165124860  
## 145 0.269014510 -0.5885854500 0.472156490  
## 146 0.247685970 -0.1507958000 0.166182590  
## 147 0.036197431 -0.0894886130 -0.042483479  
## 148 0.051126642 -0.1442861100 -0.048495712  
## 149 0.184418960 0.3545192300 -0.475270960  
## 150 0.188048080 0.3821750500 -0.404705260  
## 151 0.278796070 0.2210552800 -0.263545070  
## 152 0.437114220 0.0915495630 -0.184043120  
## 153 0.288024510 0.4014941700 -0.500936510  
## 154 0.195190360 0.2418690600 -0.274127170  
## 155 0.331907320 -0.1183210600 0.041265770  
## 156 0.379153570 0.1068370200 -0.254617830  
## 157 0.384476190 -0.1133225300 -0.067416287  
## 158 0.368801850 -0.4121534400 0.202418380  
## 159 0.323898100 0.2141545900 -0.272891730  
## 160 0.418475490 0.1574202100 -0.190156150  
## 161 0.284097950 0.3938259600 -0.425280500  
## 162 0.132062540 0.1233939400 -0.209000970  
## 163 0.189790750 -0.0195484480 -0.158514950  
## 164 0.240857520 0.0936091780 -0.315860580  
## 165 0.328932000 -0.2868720100 0.076320917  
## 166 0.363219360 -0.4025515000 0.188920680  
## 167 0.211550680 -0.2279948200 0.005252523  
## 168 0.088914435 0.4829414200 -0.411669890  
## 169 0.441091430 0.3026892700 -0.242481230  
## 170 0.524917070 0.4995618900 -0.529786350  
## 171 0.401238610 0.1769649900 -0.397058870  
## 172 0.369818360 -0.2152064700 -0.043170455  
## 173 0.336463120 0.1134963200 -0.310938090  
## 174 0.278749480 -0.0806006290 -0.116268610  
## 175 0.291769390 -0.3998600700 0.181701500  
## 176 0.455786200 -0.2500102600 0.076122110  
## 177 0.163407530 0.0134398750 0.121561090  
## tBodyGyro-mean()-Z tBodyGyro-std()-X tBodyGyro-std()-Y tBodyGyro-std()-Z  
## 1 0.1077254000 -0.98531027 -0.976623440 -0.99220528  
## 2 0.1005842900 -0.98311996 -0.989045800 -0.98912123  
## 3 0.0961268760 -0.97629211 -0.993551820 -0.98637871  
## 4 0.0855376990 -0.99138480 -0.992407320 -0.98755418  
## 5 0.0773920350 -0.98518357 -0.992378120 -0.98740185  
## 6 0.0790121420 -0.98518080 -0.992117480 -0.98307675  
## 7 0.0954645550 -0.98817723 -0.989205710 -0.97915380  
## 8 0.0940956070 -0.98910723 -0.987403240 -0.97851956  
## 9 0.0778629820 -0.99088198 -0.992891350 -0.98724152  
## 10 0.0789758430 -0.98493784 -0.987303760 -0.98084404  
## 11 0.0854817750 -0.98466387 -0.988215590 -0.98090404  
## 12 0.0915775350 -0.99416933 -0.995566520 -0.99579097  
## 13 0.0861835190 -0.99544544 -0.997109200 -0.99586602  
## 14 0.0836222370 -0.99761834 -0.997609530 -0.99617388  
## 15 -0.1745214700 -0.97753165 -0.941867550 -0.91159041  
## 16 -0.0269414500 -0.98874836 -0.967257510 -0.93401801  
## 17 0.0609336250 -0.98911045 -0.982180280 -0.97436137  
## 18 0.0945036680 -0.98919640 -0.989762100 -0.98196822  
## 19 0.1078218700 -0.99128786 -0.997697480 -0.99533142  
## 20 0.1007478900 -0.99590036 -0.997545030 -0.99504298  
## 21 0.0937734690 -0.99747587 -0.998228080 -0.99813809  
## 22 0.0945852790 -0.99758401 -0.998648630 -0.99768157  
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## 104 -0.47497430 0.0412713750 -0.363579740 -0.519299090  
## 105 -0.52234765 0.0273803020 -0.393674110 -0.504067720  
## 106 -0.56704405 -0.0647076970 -0.403059210 -0.504067720  
## 107 -0.53993214 -0.0372303590 -0.363344410 -0.445817880  
## 108 -0.50853348 -0.0208252970 -0.365143620 -0.445817880  
## 109 -0.48098034 0.0054487434 -0.345400190 -0.456620180  
## 110 -0.47876818 0.0549568460 -0.309876080 -0.491987470  
## 111 -0.49690365 0.0223414260 -0.312579530 -0.526643170  
## 112 -0.45632518 -0.0068567683 -0.333980450 -0.724575830  
## 113 -0.48704126 -0.0666225100 -0.355983950 -0.612082340  
## 114 -0.50056770 -0.0644367240 -0.307714810 -0.551815350  
## 115 -0.47821063 0.0104555920 -0.340395930 -0.503082060  
## 116 -0.47360785 -0.0341512570 -0.386710240 -0.375066320  
## 117 -0.52868960 -0.0962992280 -0.344473780 -0.375066320  
## 118 -0.55144711 -0.1220041800 -0.355595410 -0.474885280  
## 119 -0.53600722 -0.1551350900 -0.363975290 -0.474885280  
## 120 -0.60015615 -0.1463850200 -0.354438520 -0.554232980  
## 121 -0.57956798 -0.1672990900 -0.361443130 -0.480758210  
## 122 -0.49261276 -0.1292984200 -0.266604660 -0.480758210  
## 123 -0.40287329 -0.0585343590 -0.200658550 -0.442134720  
## 124 -0.41463411 -0.0487271200 -0.322002340 -0.442134720  
## 125 -0.54522100 -0.1100142500 -0.351952940 -0.529952250  
## 126 -0.69242514 -0.3399171300 -0.405919730 -0.525495070  
## 127 -0.75253100 -0.2021699900 -0.363469550 -0.525495070  
## 128 -0.35102443 -0.1916012500 -0.292765780 -0.720894840  
## 129 -0.28199975 -0.2436996200 -0.288019630 -0.497858220  
## 130 -0.55138770 -0.2166469500 -0.231544470 -0.448156640  
## 131 -0.21858120 -0.1251240100 -0.123840070 -0.409216630  
## 132 -0.11467332 -0.1004625000 -0.158952960 -0.409216630  
## 133 -0.74986371 -0.2623554400 -0.174836030 -0.431622720  
## 134 -0.75192087 -0.2785981500 -0.282145680 -0.538453090  
## 135 -0.66382079 -0.0852521310 -0.186966780 -0.652745090  
## 136 -0.68545262 -0.1097042400 -0.200611590 -0.620502270  
## 137 -0.34657011 -0.0156444020 -0.145496070 -0.611398920  
## 138 -0.04918201 0.0168028640 0.006465708 -0.493633710  
## 139 -0.39755628 0.0112805740 0.051248023 -0.493633710  
## 140 -0.27608826 -0.0002242084 -0.139838250 -0.523726780  
## 141 -0.37893172 -0.1284688100 -0.186734000 -0.400496050  
## 142 -0.71787719 -0.1534956000 -0.141072790 -0.400496050  
## 143 -0.65438513 -0.1876562000 -0.216022550 -0.771182360  
## 144 -0.61868940 -0.1564182700 -0.265952810 -0.771182360  
## 145 -0.35271921 -0.0865646110 -0.091492441 -0.377212970  
## 146 -0.08705971 0.0347466380 -0.112448850 -0.377212970  
## 147 -0.21783887 -0.1266865700 -0.198114240 -0.381430670  
## 148 -0.26941455 -0.1388740500 -0.232600800 -0.463171660  
## 149 -0.62618752 -0.1489906500 -0.292261700 -0.370051510  
## 150 -0.68724591 -0.1905022200 -0.261841770 -0.370051510  
## 151 -0.67876882 -0.0613739870 -0.574539880 -0.487137850  
## 152 -0.74395205 -0.0685176950 -0.567577000 -0.560027830  
## 153 -0.37807307 -0.0721678320 -0.467755270 -0.043060724  
## 154 -0.21370313 -0.0268824500 -0.405803980 -0.043060724  
## 155 -0.52969764 -0.0281538690 -0.485044020 -0.578689450  
## 156 -0.64665134 -0.0958381400 -0.472152060 -0.543887120  
## 157 -0.53234506 -0.0914256770 -0.540048110 -0.543887120  
## 158 -0.73954287 -0.0470544940 -0.602521630 -0.828280870  
## 159 -0.65093819 -0.0327722120 -0.624221760 -0.511439780  
## 160 -0.66867892 -0.0865973950 -0.606423990 -0.444996120  
## 161 -0.42073523 0.0238939950 -0.330087630 -0.102529460  
## 162 -0.23053170 0.0706764940 -0.398283220 -0.102529460  
## 163 -0.43571251 -0.1267314900 -0.568195840 -0.473219340  
## 164 -0.47206881 -0.1978208200 -0.536884340 -0.473219340  
## 165 -0.61151087 -0.1322379000 -0.602051970 -0.489055280  
## 166 -0.76296943 -0.0548474910 -0.604218380 -0.777539380  
## 167 -0.71702461 -0.1024094900 -0.686679850 -0.666579230  
## 168 -0.66222258 -0.0238195730 -0.624753860 -0.342718290  
## 169 -0.70153403 -0.0363471500 -0.609105890 -0.333057870  
## 170 -0.48779453 0.0133302920 -0.425552620 0.005557382  
## 171 -0.18015774 0.0203126710 -0.428254670 0.005557382  
## 172 -0.62851120 -0.1386124900 -0.543054070 -0.680996640  
## 173 -0.58074232 -0.2706631000 -0.549559240 -0.185210850  
## 174 -0.43364487 -0.1624046500 -0.557835860 -0.185210850  
## 175 -0.75832847 -0.0494926760 -0.587038490 -0.873372470  
## 176 -0.69516179 -0.0458571570 -0.609043580 -0.595297330  
## 177 -0.96940714 -0.9392979000 -0.896846210 -0.836374890  
## tBodyGyro-max()-Y tBodyGyro-max()-Z tBodyGyro-min()-X tBodyGyro-min()-Y  
## 1 -0.93378602 -0.7475661800 0.847307960 0.91489534  
## 2 -0.95356049 -0.7458700000 0.833721060 0.90810964  
## 3 -0.95904912 -0.7432771000 0.833721060 0.90575280  
## 4 -0.95665634 -0.7432771000 0.834163960 0.90575280  
## 5 -0.95335965 -0.7497799300 0.839090610 0.91118450  
## 6 -0.95335965 -0.7463993500 0.839808040 0.91118450  
## 7 -0.95431618 -0.7425941900 0.839232160 0.90706202  
## 8 -0.95332025 -0.7425941900 0.839232160 0.90706202  
## 9 -0.95332025 -0.7494695000 0.842403480 0.90784028  
## 10 -0.94869370 -0.7477413400 0.836739430 0.90737892  
## 11 -0.94869370 -0.7477413400 0.836739430 0.90737892  
## 12 -0.95433478 -0.7558745100 0.841874410 0.91406722  
## 13 -0.95606969 -0.7572021000 0.843589030 0.91406722  
## 14 -0.95512014 -0.7592831100 0.846238340 0.91496550  
## 15 -0.87785296 -0.8034711800 0.825064250 0.93234002  
## 16 -0.92541442 -0.7690723300 0.845353540 0.91941571  
## 17 -0.94352911 -0.7509771000 0.845353540 0.91198318  
## 18 -0.95095864 -0.7467830600 0.843044510 0.91120310  
## 19 -0.95829725 -0.7467830600 0.842770190 0.91120310  
## 20 -0.95800296 -0.7511170500 0.842770190 0.91329769  
## 21 -0.95753247 -0.7568416700 0.845124150 0.91452654  
## 22 -0.95753247 -0.7552944200 0.844218380 0.91430311  
## 23 -0.95667138 -0.7552944200 0.844218380 0.91430311  
## 24 -0.95613276 -0.7604617200 0.846400910 0.91631244  
## 25 -0.95613276 -0.7554665100 0.843871110 0.91422722  
## 26 -0.95574729 -0.7554665100 0.841989680 0.91422722  
## 27 -0.95574729 -0.7559536100 0.841989680 0.91463224  
## 28 -0.94748333 -0.6941836300 0.824931370 0.86506491  
## 29 -0.96970507 -0.6941836300 0.834266790 0.87930115  
## 30 -0.96441189 -0.7021190700 0.839989480 0.89185775  
## 31 -0.57256752 -0.3809859000 0.569016850 0.65672967  
## 32 -0.57256752 -0.3809859000 0.569016850 0.65672967  
## 33 -0.86675014 -0.6815977000 0.838134100 0.85411552  
## 34 -0.96019878 -0.7068539700 0.838134100 0.87370085  
## 35 -0.95672721 -0.7210076800 0.840774140 0.90485372  
## 36 -0.95435237 -0.7387397100 0.841744230 0.91157870  
## 37 -0.95151568 -0.7505039700 0.845128740 0.91218875  
## 38 -0.95151568 -0.7567234400 0.845523500 0.91294464  
## 39 -0.95210908 -0.8881398400 0.744723600 0.89203114  
## 40 -0.95210908 -0.7847187200 0.765240830 0.90667361  
## 41 -0.95185671 -0.7603445500 0.801002120 0.90709719  
## 42 -0.95185671 -0.7551646100 0.828909000 0.91061673  
## 43 -0.95406718 -0.7329922500 0.841813160 0.91311774  
## 44 -0.95438956 -0.7329922500 0.850282750 0.91311774  
## 45 -0.95341814 -0.7426082100 0.848176270 0.91368827  
## 46 -0.95341814 -0.7480359100 0.847249020 0.91368827  
## 47 -0.95364902 -0.7480359100 0.847209930 0.91324227  
## 48 -0.95540150 -0.7567481700 0.845679950 0.91315922  
## 49 -0.95600256 -0.7503479600 0.845679950 0.91315922  
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## 52 -0.91142884 -0.4560381600 0.826132940 0.83376315  
## 53 -0.95495175 -0.6240574900 0.851912670 0.91018597  
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## 57 -0.95478928 -0.7602256700 0.845000890 0.91428933  
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## 65 -0.88229736 -0.4065699600 0.889760900 0.84872600  
## 66 -0.92598189 -0.5232741900 0.869746830 0.91309136  
## 67 -0.74219793 -0.6294429100 -0.033978851 0.86892587  
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## 73 -0.80909107 -0.6635484200 0.554459490 0.80125649  
## 74 -0.95165715 -0.6954428500 0.888443260 0.89623078  
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## 76 -0.95642916 -0.7407614000 0.848029830 0.90993843  
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## 79 -0.40900560 -0.2083963700 0.268551030 0.45388860  
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## 81 -0.43408921 -0.1782762200 0.448093240 0.41552191  
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## 84 -0.33509312 -0.2586299300 0.381858230 0.45776979  
## 85 -0.38846854 -0.1484262800 0.409977930 0.47944136  
## 86 -0.33972413 -0.1137514100 0.363476370 0.52292538  
## 87 -0.47587563 -0.2221951900 0.292404610 0.58087297  
## 88 -0.48347672 -0.1880610500 0.292404610 0.53684225  
## 89 -0.44746442 -0.1416982300 0.376317190 0.53684225  
## 90 -0.31742918 -0.1416982300 0.376317190 0.50990221  
## 91 -0.31742918 -0.2922427100 0.393360770 0.40156581  
## 92 -0.27550138 -0.2922427100 0.393360770 0.40156581  
## 93 -0.27550138 -0.0295532940 0.395420690 0.44815299  
## 94 -0.32459005 -0.0295532940 0.324964710 0.43248035  
## 95 -0.32459005 -0.2719874100 0.285122310 0.37716599  
## 96 -0.37814199 -0.2927511800 0.285122310 0.37716599  
## 97 -0.30662999 -0.2927511800 0.383254400 0.49006155  
## 98 -0.30662999 -0.4073666100 0.453169480 0.49006155  
## 99 -0.37984858 -0.2063837400 0.436835960 0.39304486  
## 100 -0.42556337 -0.2245095900 0.416289600 0.39304486  
## 101 -0.40085477 -0.2245095900 0.342702990 0.45178632  
## 102 -0.31288727 -0.1825218300 0.281994930 0.38402557  
## 103 -0.29242038 -0.1825218300 0.281994930 0.38402557  
## 104 -0.29242038 -0.3763456800 0.308557700 0.52254357  
## 105 -0.30604219 -0.3238756400 0.356027580 0.56224768  
## 106 -0.43299321 -0.3238756400 0.387212500 0.56390013  
## 107 -0.36720039 -0.0691651510 0.368354560 0.54073242  
## 108 -0.35329739 -0.0691651510 0.368354560 0.42585023  
## 109 -0.35329739 -0.3151685800 0.392725370 0.42585023  
## 110 -0.26245398 -0.3203012400 0.323897680 0.46954720  
## 111 -0.26245398 -0.3203012400 0.323897680 0.46954720  
## 112 -0.24552931 -0.2032038000 0.035705525 0.57377729  
## 113 -0.39205191 -0.3702673500 0.213094200 0.57377729  
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## 115 -0.35842493 -0.2937966000 0.339315310 0.42149749  
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## 118 -0.47801665 -0.1144594600 0.446592320 0.49113978  
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## 121 -0.39335370 -0.4165112600 0.404826110 0.49022772  
## 122 -0.42388005 -0.3392742300 0.415073290 0.55422159  
## 123 -0.28704391 -0.3170613200 0.424170460 0.48572827  
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## 125 -0.30836262 -0.3369287900 0.377189850 0.39000589  
## 126 -0.62512663 -0.1511967700 0.627813450 0.48176099  
## 127 -0.45071031 -0.1511967700 0.629935140 0.02559787  
## 128 -0.45071031 -0.2458964200 0.028102934 0.02559787  
## 129 -0.45704417 -0.2458964200 0.028102934 0.36463504  
## 130 -0.52766600 -0.2324664200 0.550073500 0.36463504  
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## 135 -0.13080261 -0.0253641340 0.324962010 0.38984686  
## 136 -0.22113840 -0.2595960300 0.387123940 0.40036260  
## 137 -0.19200914 -0.0005718645 0.090312096 0.24357714  
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## 140 -0.09266469 -0.1791669200 -0.159494780 0.21754225  
## 141 -0.39271465 -0.1681218900 -0.159494780 0.21754225  
## 142 -0.58510918 -0.1539106800 0.775427980 0.25957127  
## 143 -0.44974415 -0.0328823150 0.277073050 0.47244684  
## 144 -0.44974415 -0.0328823150 0.317544320 0.46343917  
## 145 -0.34274457 -0.2631020000 -0.172829860 0.34449694  
## 146 -0.34274457 -0.2573351500 -0.172829860 0.14320272  
## 147 -0.46202778 -0.2573351500 0.159491190 0.14320272  
## 148 -0.40756286 -0.2904947400 0.159491190 0.37910406  
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## 150 -0.62868176 -0.2716268600 0.807933930 0.44901571  
## 151 -0.30207487 -0.4743699400 0.739582340 0.39911866  
## 152 -0.35874565 -0.3735618600 0.726837000 0.43174348  
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## 154 -0.24992202 -0.3311077200 0.547285400 0.37263101  
## 155 -0.17317766 -0.3311077200 0.518408760 0.46743788  
## 156 -0.17317766 -0.3187797600 0.518408760 0.39734327  
## 157 -0.29562025 -0.3187797600 0.417493380 0.39734327  
## 158 -0.29562025 -0.3270703800 0.417493380 0.41034285  
## 159 -0.42646831 -0.4170199200 0.691757600 0.35913089  
## 160 -0.38840225 -0.5042679000 0.691757600 0.35913089  
## 161 -0.38840225 -0.3094618200 0.648039300 0.24903680  
## 162 -0.52177648 -0.3094618200 0.582789360 0.24903680  
## 163 -0.54369825 -0.3736162400 0.582789360 0.41196144  
## 164 -0.48186007 -0.3736162400 0.588112070 0.41196144  
## 165 -0.41756767 -0.3662923000 0.553076520 0.45767216  
## 166 -0.39834643 -0.3551266000 0.553076520 0.61380853  
## 167 -0.39834643 -0.3551266000 0.550330040 0.51853088  
## 168 -0.54222605 -0.4396999700 0.820550970 0.38446632  
## 169 -0.44135979 -0.4277482700 0.780282720 0.46993584  
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## 173 -0.50786638 -0.3442403800 0.540858370 0.40733398  
## 174 -0.44036005 -0.3442403800 0.490528330 0.40733398  
## 175 -0.44036005 -0.3431502900 0.490528330 0.49945229  
## 176 -0.44841921 -0.3431502900 0.570622580 0.39957331  
## 177 -0.88827729 -0.7550638500 0.842060520 0.92162804  
## tBodyGyro-min()-Z tBodyGyro-sma() tBodyGyro-energy()-X tBodyGyro-energy()-Y  
## 1 0.83084054 -0.967184280 -0.9995783 -0.9993543  
## 2 0.82893499 -0.980613100 -0.9997558 -0.9998973  
## 3 0.82893499 -0.976280290 -0.9996934 -0.9998283  
## 4 0.82663382 -0.982295670 -0.9997929 -0.9999023  
## 5 0.82137436 -0.985262010 -0.9998495 -0.9999519  
## 6 0.81882667 -0.985214270 -0.9998740 -0.9999466  
## 7 0.81882667 -0.984483570 -0.9999157 -0.9999021  
## 8 0.82554291 -0.983166690 -0.9999198 -0.9998876  
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## 104 -0.7980097 -0.44787782 -0.015650560 -0.4145147  
## 105 -0.8143282 -0.49334863 0.094125584 -0.4812273  
## 106 -0.8248015 -0.54952113 0.077209035 -0.5102319  
## 107 -0.7974033 -0.60044785 -0.016354378 -0.4862688  
## 108 -0.7801265 -0.55397428 -0.038434987 -0.5268734  
## 109 -0.7864331 -0.54403393 0.051879587 -0.4165282  
## 110 -0.7726921 -0.50978504 0.029962833 -0.3229399  
## 111 -0.7759976 -0.50209108 0.074993335 -0.4130174  
## 112 -0.7779554 -0.48242724 -0.001430836 -0.3890113  
## 113 -0.7869030 -0.53769640 -0.008154202 -0.4599364  
## 114 -0.7551031 -0.57623582 -0.099912220 -0.3678313  
## 115 -0.7858107 -0.54755451 0.045015171 -0.4248938  
## 116 -0.8026305 -0.58401017 -0.088819789 -0.4566517  
## 117 -0.7709149 -0.62844380 -0.119761020 -0.4218342  
## 118 -0.7885959 -0.64255214 -0.100040770 -0.4544926  
## 119 -0.8039512 -0.60412925 -0.243151150 -0.4513033  
## 120 -0.8057547 -0.63163244 -0.286589390 -0.3721026  
## 121 -0.8098438 -0.69857637 -0.247897810 -0.3910545  
## 122 -0.7512409 -0.57795433 -0.162960790 -0.3662744  
## 123 -0.7129822 -0.38135528 -0.040069942 -0.2949183  
## 124 -0.7688873 -0.40952115 -0.073813987 -0.4559519  
## 125 -0.7931792 -0.58373272 -0.245188970 -0.4564123  
## 126 -0.7898362 -0.72936560 -0.359388550 -0.5643260  
## 127 -0.7772296 -0.78406242 -0.269475190 -0.4852959  
## 128 -0.7435067 -0.36652905 -0.352334280 -0.3904125  
## 129 -0.7319426 -0.27573168 -0.422470980 -0.4601561  
## 130 -0.6806736 -0.52334810 -0.231684900 -0.4199875  
## 131 -0.5847745 -0.25194618 -0.194165120 -0.2304212  
## 132 -0.6227914 -0.09018039 -0.161242570 -0.3428632  
## 133 -0.6865363 -0.75488176 -0.326821790 -0.3209181  
## 134 -0.7307436 -0.74944383 -0.345944890 -0.4700497  
## 135 -0.6087407 -0.74312220 -0.201619810 -0.4208016  
## 136 -0.6190876 -0.71515612 -0.208766100 -0.4381503  
## 137 -0.5854536 -0.36055395 -0.217078450 -0.2811056  
## 138 -0.4102029 0.07073068 -0.040793136 -0.2399798  
## 139 -0.4216154 -0.41498445 -0.084509771 -0.2147226  
## 140 -0.6569565 -0.39564029 -0.143647660 -0.2407340  
## 141 -0.6705502 -0.59682261 -0.205420840 -0.3064763  
## 142 -0.5999066 -0.71632711 -0.129455590 -0.2126581  
## 143 -0.6707467 -0.67558879 -0.299100100 -0.3927694  
## 144 -0.6625950 -0.66584160 -0.189218290 -0.4317088  
## 145 -0.5789865 -0.42014666 -0.208039050 -0.2593653  
## 146 -0.5975653 -0.11766346 -0.046156578 -0.2004278  
## 147 -0.6571605 -0.20407502 -0.194965110 -0.3107411  
## 148 -0.6898321 -0.20984126 -0.184264030 -0.3342106  
## 149 -0.7451830 -0.65215128 -0.194523520 -0.3572502  
## 150 -0.7032470 -0.67003787 -0.160693920 -0.3933002  
## 151 -0.9070244 -0.66038199 -0.103686390 -0.6200012  
## 152 -0.9096314 -0.76833022 -0.267000890 -0.5725259  
## 153 -0.8269719 -0.42468796 -0.201172940 -0.5491079  
## 154 -0.8098051 -0.16862201 -0.091984938 -0.5392614  
## 155 -0.8620181 -0.43665499 -0.170808570 -0.5727872  
## 156 -0.8643348 -0.73403347 -0.161266110 -0.5261736  
## 157 -0.8892243 -0.51636032 -0.233279370 -0.6247780  
## 158 -0.9136857 -0.76320907 -0.190787330 -0.6734773  
## 159 -0.9299515 -0.63521927 -0.073705277 -0.6591685  
## 160 -0.9254157 -0.65336053 -0.312422310 -0.6364958  
## 161 -0.7700953 -0.48194975 -0.130814120 -0.4660760  
## 162 -0.7978706 -0.22597666 0.007386389 -0.5482243  
## 163 -0.9043036 -0.38940679 -0.236250570 -0.6371317  
## 164 -0.8928213 -0.43439640 -0.277699770 -0.5812613  
## 165 -0.9225044 -0.64734832 -0.145576110 -0.6492872  
## 166 -0.9213912 -0.77460251 -0.097729633 -0.6535927  
## 167 -0.9464913 -0.74878790 -0.176961520 -0.7291401  
## 168 -0.9270071 -0.65855235 0.022388467 -0.6930108  
## 169 -0.9217750 -0.69437206 -0.045880150 -0.6437662  
## 170 -0.8333970 -0.62910066 -0.002568931 -0.4907737  
## 171 -0.8391047 -0.24625721 0.056359560 -0.5303328  
## 172 -0.9045851 -0.59341511 -0.201414650 -0.5687020  
## 173 -0.9004761 -0.60788852 -0.375507750 -0.5966959  
## 174 -0.9014266 -0.41435176 -0.207446120 -0.6171079  
## 175 -0.9123385 -0.73542599 -0.089602481 -0.6453534  
## 176 -0.9217174 -0.78365369 -0.043128050 -0.6581387  
## 177 -0.9903125 -0.97376659 -0.940957830 -0.9011915  
## tBodyGyro-entropy()-X tBodyGyro-entropy()-Y tBodyGyro-entropy()-Z  
## 1 0.082631682 0.202267650 -0.168756690  
## 2 0.007469356 -0.531156590 -0.177444550  
## 3 -0.260942670 -1.000000000 -0.248370660  
## 4 -0.930551140 -0.826618030 -0.543421690  
## 5 -0.628860990 -0.467807560 -0.650852060  
## 6 -0.363801070 -0.370507860 -0.462126000  
## 7 -0.373807050 -0.570253130 -0.165701500  
## 8 -0.255472230 -0.403097900 -0.242876160  
## 9 -0.323098590 -0.313563550 -0.591481440  
## 10 -0.263317540 -0.272795150 -0.494849280  
## 11 -0.299374210 -0.253804740 -0.359201110  
## 12 -0.680620070 -0.520638500 -0.472057770  
## 13 -0.629393300 -0.646730090 -0.602162450  
## 14 -0.612105680 -0.565844660 -0.690319930  
## 15 0.131630190 0.526683060 -1.000000000  
## 16 -0.044677186 0.370912380 -1.000000000  
## 17 -0.044654792 -0.021778859 -0.622710490  
## 18 -0.035567454 -0.679068910 -0.211663510  
## 19 -0.307469900 -0.978711580 -0.269465670  
## 20 -0.654365360 -0.891065220 -0.277121390  
## 21 -0.744013670 -0.817488870 -0.478366310  
## 22 -0.754710410 -0.872252910 -0.442424960  
## 23 -0.763566720 -0.681373980 -0.503953790  
## 24 -0.695981270 -0.529694770 -0.843517490  
## 25 -0.453269540 -0.564337040 -0.692538780  
## 26 -0.495017300 -0.667259230 -0.518857850  
## 27 -0.679697290 -0.642595670 -0.546247660  
## 28 -0.703291360 -0.957451830 0.230846230  
## 29 -1.000000000 -1.000000000 0.213591120  
## 30 -1.000000000 -1.000000000 0.293270250  
## 31 -0.472702200 -0.444882280 0.279205940  
## 32 0.356737160 -0.093988946 0.191222050  
## 33 -0.049750176 -0.626437970 0.254298930  
## 34 -0.959512300 -1.000000000 0.203379460  
## 35 -1.000000000 -0.978711580 0.201264480  
## 36 -0.979742510 -0.822073860 0.010590246  
## 37 -0.950726150 -0.453771390 -0.315411770  
## 38 -0.728860370 -0.442667900 -0.639316230  
## 39 -1.000000000 -0.915019220 -1.000000000  
## 40 -1.000000000 -0.889748030 -1.000000000  
## 41 -1.000000000 -0.755130430 -0.921424400  
## 42 -0.580815070 -0.520128850 -0.466129180  
## 43 -0.340591030 -0.475154310 0.044679634  
## 44 -0.497025930 -0.512046930 0.015421898  
## 45 -0.349642180 -0.412464750 -0.067077359  
## 46 -0.527048710 -0.415380240 -0.302627300  
## 47 -0.639030290 -0.521745350 -0.321839170  
## 48 -0.733120990 -0.517666920 -0.643461460  
## 49 -0.839812760 -0.599326750 -0.506210830  
## 50 -0.727303850 -0.584449600 -0.324227540  
## 51 -0.726755880 -0.419074700 -0.560586510  
## 52 0.361197220 -0.717409070 0.915183180  
## 53 0.223710100 -0.578973720 0.755127290  
## 54 -0.003909992 -0.599474130 -0.048775850  
## 55 -0.463554710 -0.579982830 -1.000000000  
## 56 -0.905961630 -0.405908790 -1.000000000  
## 57 -0.916107830 -0.493278110 -0.939956110  
## 58 -0.896017310 -0.430367590 -0.622629040  
## 59 -0.852006120 -0.426018640 -0.622931220  
## 60 -0.771633670 -0.585417960 -0.542768230  
## 61 -0.771633670 -0.610563820 -0.512503090  
## 62 -0.724791660 -0.519932590 -0.528694240  
## 63 -0.737540700 -0.549335350 -0.573314230  
## 64 -0.788171570 -0.550080120 -0.558494220  
## 65 0.652548550 0.561088190 0.791073380  
## 66 0.522660450 0.241363820 0.811027000  
## 67 0.452774030 0.399708010 0.438112750  
## 68 0.465594910 -0.094491993 0.498684600  
## 69 0.486687670 -0.898893250 0.542253270  
## 70 0.156494630 -0.054463190 0.075057473  
## 71 -0.033104441 0.376313160 -0.047418798  
## 72 0.036005537 -0.145623950 0.414256560  
## 73 0.486452360 -0.641577220 0.356223880  
## 74 0.543836980 -0.915019220 0.378919750  
## 75 0.506427810 -0.915019220 0.203081940  
## 76 0.365733700 -0.748229810 -0.034677501  
## 77 -0.204807670 -0.511998230 -0.623975050  
## 78 -0.696799770 -0.443336460 -0.814193110  
## 79 -0.328055710 -0.003926821 0.504825450  
## 80 0.476467600 -0.040184969 0.328029460  
## 81 0.630207090 -0.011640399 0.341290270  
## 82 0.536832480 -0.117432440 0.293201470  
## 83 0.302588650 -0.090452374 0.177590980  
## 84 0.146630060 0.058041334 0.185961880  
## 85 0.266330520 0.021627565 0.340294890  
## 86 0.398452140 -0.116626930 0.389780340  
## 87 -0.138801550 0.062191497 0.242617600  
## 88 0.253101460 -0.008068259 0.358188900  
## 89 0.370553770 -0.129539240 0.378567620  
## 90 0.375567560 -0.033202480 0.300669160  
## 91 0.282712220 0.011380792 0.164140800  
## 92 0.215454750 -0.019535700 0.236232460  
## 93 0.194097780 0.006488317 0.343062310  
## 94 0.405481830 -0.040184969 0.438677910  
## 95 0.491888160 -0.098327287 0.375613410  
## 96 0.386136910 -0.120907720 0.215057530  
## 97 0.309711930 -0.110387640 0.230621640  
## 98 0.197330570 -0.016450526 0.354977080  
## 99 0.606245530 -0.014489284 0.251709700  
## 100 0.333213350 0.042571116 0.300307820  
## 101 0.248934890 0.074752392 0.355327740  
## 102 0.265153490 -0.065150305 0.427183540  
## 103 0.239464920 -0.210844290 0.333209570  
## 104 0.234662880 -0.084253659 0.197042560  
## 105 0.285212270 -0.069333172 0.258613790  
## 106 0.251924420 -0.112577040 0.306710430  
## 107 0.345724710 -0.156120950 0.387833070  
## 108 0.416898390 -0.168243680 0.472370170  
## 109 0.393598650 -0.123292620 0.345295860  
## 110 0.383147370 -0.078890872 0.200931700  
## 111 0.280367640 -0.028448097 0.317410960  
## 112 -0.818683170 0.144232790 0.286356460  
## 113 -0.453494060 0.054285792 0.422103070  
## 114 -0.010580115 -0.069676185 0.401881620  
## 115 0.203945100 -0.035949724 0.326082200  
## 116 0.362973950 0.009964602 0.411706300  
## 117 0.378345340 -0.054665144 0.367768390  
## 118 0.330223810 -0.153721190 0.303880980  
## 119 0.400679790 -0.212694040 0.360136170  
## 120 0.336120640 -0.068805571 0.450103350  
## 121 0.281347500 -0.057876853 0.404599950  
## 122 0.238695360 -0.111441040 0.299986450  
## 123 0.346755360 -0.008504947 0.408515170  
## 124 0.326598820 0.082605659 0.558505680  
## 125 0.237296510 -0.014019653 0.432678840  
## 126 0.053117314 0.317541420 0.348877690  
## 127 -0.081760235 0.246014920 0.251171110  
## 128 -0.508613370 0.383620910 0.314199150  
## 129 -0.328055710 0.497906170 0.372401590  
## 130 0.489605080 0.223847510 0.358714780  
## 131 0.252338070 0.104150400 0.368461300  
## 132 0.486616550 0.119059050 0.232482040  
## 133 0.984718660 0.102668410 0.331241280  
## 134 0.853553060 0.265215620 0.396229050  
## 135 -0.838716190 0.184953130 0.534515380  
## 136 -0.619996100 0.257858140 0.647477090  
## 137 -0.516698270 0.293431080 0.584886490  
## 138 0.362973950 0.162538190 0.376139290  
## 139 0.541634510 0.083698305 0.401408820  
## 140 0.132223960 0.077148508 0.367768390  
## 141 0.686147510 0.075279614 0.249906550  
## 142 0.978979370 0.080293349 0.507219190  
## 143 -0.898987510 0.428507540 0.334835470  
## 144 -0.763561790 0.410024750 0.541081170  
## 145 -0.684083220 0.400214720 0.341797750  
## 146 0.194341030 0.105025050 0.215144390  
## 147 0.300107860 0.237608850 0.432342630  
## 148 0.164661160 0.201047000 0.310987330  
## 149 0.878772120 -0.025716259 0.166669910  
## 150 0.967323030 0.056816894 0.385931580  
## 151 0.733158560 -0.022305098 0.007833277  
## 152 0.543144140 -0.022590085 0.123370180  
## 153 0.604931030 -0.102664200 -0.068882724  
## 154 0.155644390 -0.005692083 0.215144390  
## 155 0.023176011 0.152445360 0.495913990  
## 156 0.713386610 0.117196550 0.392334520  
## 157 0.148442560 0.165586470 0.438520630  
## 158 -0.898987510 0.179666550 0.418832090  
## 159 0.707803600 0.023447176 0.141557210  
## 160 0.582235360 -0.065296288 0.260278690  
## 161 0.626293080 -0.154869690 0.151875370  
## 162 0.003652218 0.030896131 0.235772590  
## 163 0.087540983 0.191489300 0.223245820  
## 164 0.364786450 0.142887530 0.261825610  
## 165 -0.497196810 0.123915980 0.431186780  
## 166 -0.919134580 0.105130670 0.315319630  
## 167 -0.458296100 0.116198370 0.236030200  
## 168 0.872761200 0.021706274 0.067751090  
## 169 0.880948450 -0.038159470 0.187853460  
## 170 0.754202740 -0.124380040 0.144689220  
## 171 0.099181957 0.087095469 0.197067640  
## 172 -0.270731450 0.145269680 0.273933440  
## 173 0.339015240 0.113724820 0.228666240  
## 174 -0.154343930 0.219960880 0.362037660  
## 175 -0.959512300 0.245885830 0.367803670  
## 176 -0.609901650 0.075348593 0.305445870  
## 177 0.391296460 0.604816750 -0.666956390  
## tBodyGyro-arCoeff()-X,1 tBodyGyro-arCoeff()-X,2 tBodyGyro-arCoeff()-X,3  
## 1 0.096323236 -0.27498511 0.4986441900  
## 2 -0.387680630 0.17913763 0.2107890000  
## 3 -0.437155680 0.23898137 0.1452377300  
## 4 -0.165885490 -0.01288054 0.3200550100  
## 5 -0.212690270 0.00211118 0.3880986000  
## 6 -0.402826730 0.24203652 0.0591393540  
## 7 -0.094931822 -0.03772939 0.3349041000  
## 8 -0.052298295 -0.11029405 0.4456852600  
## 9 -0.090887832 -0.03827504 0.4097227200  
## 10 -0.176044910 0.07353460 0.2104499500  
## 11 -0.229788370 0.12027896 0.1063026200  
## 12 0.074258266 -0.10542436 0.2351779600  
## 13 0.007629410 -0.02362116 0.2859808000  
## 14 0.053738459 -0.01774413 0.2619884500  
## 15 -0.222339290 0.03217036 0.3183526600  
## 16 0.026985978 -0.13989996 0.3136114500  
## 17 0.027312056 -0.13930033 0.3521900700  
## 18 -0.058822624 -0.08904074 0.4335112600  
## 19 0.012054002 -0.16493906 0.4052564400  
## 20 0.195695480 -0.22192628 0.2294152600  
## 21 0.262399020 -0.23988372 0.3921209500  
## 22 0.245322210 -0.19125220 0.4807134000  
## 23 0.177324350 -0.10964209 0.4581095100  
## 24 0.308733360 -0.20241645 0.3607885100  
## 25 0.062293136 -0.05903722 0.1462723700  
## 26 -0.175729690 0.10454487 0.0438364310  
## 27 -0.041037194 -0.03535085 0.2191433700  
## 28 -0.246060150 0.08278863 0.2837746400  
## 29 0.065405090 -0.06993331 0.2849507400  
## 30 0.064430162 -0.01876075 0.0878857170  
## 31 -0.558652880 0.34578108 0.0074490102  
## 32 -0.523733250 0.32098514 -0.0009580482  
## 33 -0.281020600 0.12667573 0.2725068000  
## 34 0.004089088 -0.15722846 0.4338486500  
## 35 0.162757500 -0.19701492 0.5783372200  
## 36 0.097336738 -0.07209703 0.2922691200  
## 37 0.274523100 -0.22733444 0.4138118900  
## 38 0.348242650 -0.27241373 0.4602474700  
## 39 0.139027030 -0.37776634 0.5210587700  
## 40 -0.207151580 0.04449585 -0.0188835250  
## 41 -0.258992960 0.12333014 0.0651477040  
## 42 -0.035023234 -0.01752243 0.1495007300  
## 43 0.028506460 -0.03334072 0.1368608700  
## 44 0.103703880 -0.12851869 0.2507281300  
## 45 0.425494700 -0.33955823 0.3749608800  
## 46 0.361330540 -0.17295759 0.2099995400  
## 47 0.176314230 0.02338090 0.0407053380  
## 48 0.168927860 -0.04761226 0.1515058900  
## 49 0.425840970 -0.32836742 0.4939127900  
## 50 0.472365160 -0.38749455 0.5079510200  
## 51 0.273811030 -0.13173695 0.2824653100  
## 52 -0.187157350 -0.04759388 0.2839454700  
## 53 0.061373474 -0.19231545 0.3475355700  
## 54 0.025608095 -0.05346935 0.1923547300  
## 55 0.206947380 -0.11819176 0.1812746500  
## 56 0.277435240 -0.13710896 0.2284556400  
## 57 0.279139060 -0.23789143 0.3784234400  
## 58 0.338619440 -0.28695881 0.4780267600  
## 59 0.349444000 -0.23260230 0.3474586800  
## 60 0.090106962 0.00970623 0.1268117600  
## 61 0.530501440 -0.41293831 0.5843930400  
## 62 0.533130690 -0.29411200 0.4608752900  
## 63 0.387682690 -0.21217907 0.3446143700  
## 64 0.373819690 -0.30349114 0.4647072300  
## 65 -0.483855970 0.47584002 -0.6450050600  
## 66 -0.273082970 -0.05731095 0.4480762600  
## 67 -0.933199520 0.72391530 -0.2000650200  
## 68 -0.873324040 0.65820890 -0.1498068600  
## 69 -0.509506500 0.31334142 -0.0428534930  
## 70 -0.420595270 0.29394571 0.0148201290  
## 71 -0.693229540 0.47096462 -0.0404152760  
## 72 -0.586389700 0.34201982 0.0526751820  
## 73 -0.487565150 0.16366768 0.3704347400  
## 74 -0.081085902 -0.03398814 0.3025589100  
## 75 0.054780281 -0.10799744 0.2925869500  
## 76 -0.045939435 -0.07080621 0.1824374900  
## 77 -0.013863529 -0.06057845 0.2411130700  
## 78 -0.046303312 -0.02402228 0.3253298900  
## 79 -0.759438350 0.59799210 -0.0505233780  
## 80 -0.532186030 0.36241948 0.2613899600  
## 81 -0.450896400 0.27696661 0.3307591600  
## 82 -0.546237880 0.48889704 -0.0473957770  
## 83 -0.473764630 0.36114406 0.1968676100  
## 84 -0.268892910 0.14230884 0.4640891000  
## 85 -0.304829840 0.22231832 0.3403967000  
## 86 -0.259090060 0.15507810 0.4338025400  
## 87 -0.462386950 0.25938451 0.4251776900  
## 88 -0.276735000 0.18608549 0.3784436800  
## 89 -0.325276690 0.26148103 0.2625072500  
## 90 -0.479004900 0.42531739 0.0710285600  
## 91 -0.525566810 0.51767974 -0.1263140900  
## 92 -0.475683040 0.47392161 -0.0969925960  
## 93 -0.448448880 0.42091390 0.0078189624  
## 94 -0.468282120 0.41596762 0.0447299610  
## 95 -0.499844210 0.42797355 0.0707978370  
## 96 -0.476402310 0.44877559 0.0103345620  
## 97 -0.353397140 0.31214598 0.2035555700  
## 98 -0.361205630 0.28902644 0.2580758700  
## 99 -0.567553110 0.43237347 0.1308801900  
## 100 -0.511000210 0.39585102 0.1619219100  
## 101 -0.167403130 0.19193903 0.1850354800  
## 102 -0.042091434 0.11449877 0.2289139000  
## 103 -0.155561680 0.13567114 0.2720598800  
## 104 -0.313915100 0.28838963 0.1785106000  
## 105 -0.275509520 0.27646263 0.2018800000  
## 106 -0.332090310 0.33712298 0.0636428820  
## 107 -0.357356420 0.38821802 0.0215058300  
## 108 -0.281954660 0.17059151 0.4407381800  
## 109 -0.367766560 0.29314761 0.2437302300  
## 110 -0.408983050 0.39038324 0.0811614940  
## 111 -0.470336540 0.46085926 -0.0181943530  
## 112 -0.466511090 0.28115000 0.3317210200  
## 113 -0.420698010 0.24527048 0.3761933400  
## 114 -0.469249730 0.34447571 0.2283338800  
## 115 -0.488804690 0.45536431 -0.0102447290  
## 116 -0.375266320 0.31277598 0.1854258000  
## 117 -0.365436380 0.30175841 0.2260057000  
## 118 -0.380859560 0.38055485 0.0401766720  
## 119 -0.313849710 0.23311309 0.2908523100  
## 120 -0.301768940 0.17773980 0.4374868000  
## 121 -0.318984240 0.22419267 0.3347567500  
## 122 -0.268003820 0.10570660 0.6039221700  
## 123 -0.364063080 0.16282745 0.5564622800  
## 124 -0.443861790 0.28245485 0.3049491400  
## 125 -0.416741240 0.33826383 0.1845736800  
## 126 -0.248175620 0.29488048 0.0969923540  
## 127 -0.191792690 0.23208940 0.2159258800  
## 128 -0.588862950 0.47284365 -0.0725389040  
## 129 -0.498483650 0.32469543 0.1871953400  
## 130 -0.400158040 0.27420662 0.2258664800  
## 131 -0.435698070 0.35700375 -0.0040025488  
## 132 -0.295313580 0.17781094 0.2349749100  
## 133 -0.270414540 0.13832919 0.3367807900  
## 134 -0.435338520 0.34487227 0.0472809410  
## 135 -0.571622830 0.43637380 0.0534505060  
## 136 -0.487555730 0.38542124 0.0263083650  
## 137 -0.638639630 0.55977574 -0.2870913700  
## 138 -0.535383420 0.42768655 -0.0999235830  
## 139 -0.417716330 0.32662341 -0.0232417660  
## 140 -0.748250940 0.63836971 -0.2421912000  
## 141 -0.626717710 0.46910607 0.0022419661  
## 142 -0.291563990 0.20750063 0.1664407200  
## 143 -0.403705220 0.27600970 0.2671936200  
## 144 -0.398194340 0.28530644 0.2190297300  
## 145 -0.618684720 0.49755620 -0.0325628090  
## 146 -0.710458150 0.60669083 -0.1685788500  
## 147 -0.464596960 0.33258331 0.0580608070  
## 148 -0.465304050 0.35634193 -0.0360378740  
## 149 -0.497120880 0.41472163 -0.1054845900  
## 150 -0.492340280 0.37986073 0.0594579980  
## 151 -0.480523900 0.33606210 0.1013835500  
## 152 -0.322098520 0.15028105 0.3055636300  
## 153 -0.500899930 0.30281541 0.1822175900  
## 154 -0.640622380 0.47023106 -0.0400698340  
## 155 -0.605203290 0.41021115 0.0895522160  
## 156 -0.453529460 0.22157925 0.3638699400  
## 157 -0.363860110 0.15786803 0.3651911200  
## 158 -0.473999640 0.31417378 0.1700852500  
## 159 -0.393151920 0.18928189 0.3757291400  
## 160 -0.381607650 0.22643501 0.2718389600  
## 161 -0.424210240 0.24873056 0.1689821800  
## 162 -0.377450870 0.22642573 0.1187313700  
## 163 -0.525288990 0.37277329 0.0388546260  
## 164 -0.605404270 0.44498566 0.0050380832  
## 165 -0.663383200 0.56137820 -0.2025433500  
## 166 -0.484501820 0.30469118 0.1466357300  
## 167 -0.517621940 0.34887541 0.1078854900  
## 168 -0.536531920 0.37216343 0.0593264560  
## 169 -0.595920430 0.47460726 -0.0568970220  
## 170 -0.534266770 0.33742078 0.1517958600  
## 171 -0.546161830 0.36435790 0.0773570480  
## 172 -0.667870340 0.56540747 -0.1514287600  
## 173 -0.533928890 0.38565283 0.0502286720  
## 174 -0.596426110 0.36486110 0.2390723600  
## 175 -0.545789330 0.32493379 0.3175392300  
## 176 -0.445196780 0.26720720 0.2910760800  
## 177 0.495035120 -0.79160289 0.8689451500  
## tBodyGyro-arCoeff()-X,4 tBodyGyro-arCoeff()-Y,1 tBodyGyro-arCoeff()-Y,2  
## 1 -0.220316850 1.0000000000 -0.972971390  
## 2 -0.140259580 -0.0470318090 -0.064949068  
## 3 -0.113917200 0.0323115580 -0.127879260  
## 4 -0.165113930 0.0445532340 -0.125193310  
## 5 -0.233270970 -0.1632209000 0.186459650  
## 6 0.030283565 -0.1196924300 0.150617030  
## 7 -0.101481800 -0.0468875550 -0.054896524  
## 8 -0.182772340 -0.0858852630 -0.013247702  
## 9 -0.284106990 -0.1710221100 0.040170943  
## 10 0.053306766 -0.2040347800 0.075507804  
## 11 0.171444110 -0.1853922400 0.077083572  
## 12 -0.075180838 0.0059400482 -0.039328794  
## 13 -0.253015890 0.1389326100 -0.172233230  
## 14 -0.089092501 0.1996714300 -0.207251030  
## 15 -0.197970320 0.0655366580 -0.258422490  
## 16 -0.142739130 -0.0918231630 0.040956067  
## 17 -0.236310830 -0.2103694200 0.124735740  
## 18 -0.401432920 -0.1698509800 0.088359656  
## 19 -0.155919580 -0.1810636300 0.096079629  
## 20 0.267022140 0.0073890131 -0.113453640  
## 21 -0.142428930 0.1700668200 -0.171094020  
## 22 -0.363967650 0.2150033600 -0.216748930  
## 23 -0.291514020 0.1463022900 -0.144025430  
## 24 0.034204579 0.1542391200 -0.129970890  
## 25 0.025209101 0.1445524300 -0.080118956  
## 26 0.178283890 0.1241839900 -0.048459105  
## 27 0.036450384 0.2799874600 -0.164788430  
## 28 -0.274879940 -0.4086606400 0.280127750  
## 29 -0.409712970 -0.2596698600 0.155927700  
## 30 -0.174083030 0.0455756850 -0.119512200  
## 31 0.011415148 -0.7997929100 0.658900460  
## 32 0.043664226 -0.6901207400 0.517910360  
## 33 -0.328588950 -0.1719744300 0.041519868  
## 34 -0.290341900 -0.0592009810 -0.084768539  
## 35 -0.766885770 0.1288018400 -0.107542720  
## 36 -0.461744640 0.1667742700 -0.110296600  
## 37 -0.417444470 0.1265625200 -0.055531757  
## 38 -0.321647260 0.0268796170 0.037886066  
## 39 -0.049962700 -0.0254631690 -0.077475399  
## 40 0.324007960 -0.1628609700 0.132221330  
## 41 0.008700858 -0.1028369900 0.056837115  
## 42 -0.116341740 0.1561355600 -0.104174570  
## 43 -0.128630110 0.2171422100 -0.148990730  
## 44 -0.218519860 0.1143969300 -0.015729686  
## 45 -0.377698400 0.0133228650 0.021878410  
## 46 -0.335768060 0.1008612600 -0.110932540  
## 47 -0.093196295 0.1451615400 -0.107315690  
## 48 -0.032319117 0.0161529200 0.041468027  
## 49 -0.239989170 0.0426656470 0.021735864  
## 50 -0.161750400 0.0951390520 0.031616380  
## 51 -0.124247570 0.0224549400 0.044878873  
## 52 0.025213017 -0.5243985800 0.526520920  
## 53 -0.144848390 0.0981378600 -0.128814140  
## 54 -0.201876550 0.1918029700 -0.175185970  
## 55 -0.257371320 0.0088913876 -0.097770771  
## 56 -0.251697010 -0.0667394650 -0.027421226  
## 57 -0.251518890 0.0301135450 -0.144738330  
## 58 -0.248684280 0.0378828760 -0.076040032  
## 59 -0.049971817 -0.0161941330 -0.003906293  
## 60 0.044762403 0.0704130910 -0.120859230  
## 61 -0.062325520 0.0511751760 -0.049352462  
## 62 0.078609924 -0.0162774300 0.006778372  
## 63 0.080085229 0.1372344200 -0.222272200  
## 64 -0.025297583 -0.0093156390 -0.034178590  
## 65 0.720755720 0.0053962989 0.094128802  
## 66 -0.149283480 -0.1772341100 0.189769140  
## 67 -0.032652103 -0.5239511000 0.490608910  
## 68 -0.031941383 -0.4876134500 0.445629420  
## 69 0.157304210 -0.2585540300 0.201800310  
## 70 -0.009009970 -0.1626219100 0.173282980  
## 71 0.030457632 -0.2283909200 0.232632670  
## 72 0.051508498 -0.2544823200 0.257318540  
## 73 -0.279350330 -0.4317781900 0.306886680  
## 74 -0.292004460 -0.1042937400 0.119442630  
## 75 -0.290649320 -0.0808008660 0.077731281  
## 76 -0.003354002 0.1218521200 -0.079979646  
## 77 -0.176192600 0.1732526700 -0.078851724  
## 78 -0.353433600 0.1450336400 -0.028333042  
## 79 -0.274543270 -0.5151807800 0.510638230  
## 80 -0.427251560 -0.4651137800 0.461711950  
## 81 -0.445587130 -0.2609378000 0.246592530  
## 82 -0.060387281 -0.2282215900 0.195290210  
## 83 -0.269051650 -0.2648452500 0.252758190  
## 84 -0.359309820 -0.2534003900 0.285430370  
## 85 -0.267527410 -0.2878322100 0.344318070  
## 86 -0.336123530 -0.1207479100 0.125914170  
## 87 -0.567657590 -0.4571042000 0.463008970  
## 88 -0.281027720 -0.3603807000 0.377389440  
## 89 -0.199971850 -0.1615702700 0.124971800  
## 90 -0.120792140 -0.2660028300 0.277499780  
## 91 0.109125990 -0.3445042600 0.394515590  
## 92 0.086009213 -0.3156798700 0.379156460  
## 93 -0.071294856 -0.4181897000 0.517175290  
## 94 -0.085877242 -0.3832660300 0.426849060  
## 95 -0.126077110 -0.3541287400 0.364517270  
## 96 -0.031009418 -0.3057404900 0.367103360  
## 97 -0.182112300 -0.2738156000 0.329615950  
## 98 -0.309016600 -0.2660190900 0.257058560  
## 99 -0.308874280 -0.3027417100 0.268808830  
## 100 -0.233555690 -0.3921374800 0.378912960  
## 101 0.036471683 -0.3814874600 0.474423450  
## 102 0.084040401 -0.1190635800 0.222899800  
## 103 -0.072742619 -0.1692714100 0.258303180  
## 104 -0.156700940 -0.2811007800 0.311646010  
## 105 -0.170076760 -0.1765390700 0.175850720  
## 106 0.039909088 -0.2352346200 0.249678620  
## 107 0.053796472 -0.1717455100 0.180918950  
## 108 -0.347159830 -0.1511577100 0.108897980  
## 109 -0.239527490 -0.3362494400 0.343350410  
## 110 -0.116165810 -0.4204592700 0.470942900  
## 111 -0.056148304 -0.4065225100 0.428212870  
## 112 -0.541149120 -0.1981452100 0.248915650  
## 113 -0.521502640 -0.2044634800 0.232893200  
## 114 -0.355095390 -0.2106362100 0.236233510  
## 115 -0.048864545 -0.2077500900 0.213879660  
## 116 -0.186417330 -0.1498158600 0.151927360  
## 117 -0.273916970 -0.2264565200 0.248666470  
## 118 -0.047949916 -0.2847703300 0.342075030  
## 119 -0.249219980 -0.2128445300 0.219444340  
## 120 -0.422935470 -0.2968632700 0.265477790  
## 121 -0.275051630 -0.3122756500 0.297314420  
## 122 -0.595725840 -0.4213211600 0.462439180  
## 123 -0.671581480 -0.4269612700 0.446468440  
## 124 -0.382235650 -0.3449110800 0.320786400  
## 125 -0.229671010 -0.3335211400 0.321460100  
## 126 -0.129699540 -0.0082576075 0.026628929  
## 127 -0.193511480 -0.0158083310 0.151863980  
## 128 -0.170171310 0.1367969700 0.020943891  
## 129 -0.372646930 0.0936326010 -0.028808060  
## 130 -0.359991660 -0.2016103700 0.235486440  
## 131 -0.200358670 -0.2074606100 0.259904490  
## 132 -0.381890980 -0.0433014700 0.090138876  
## 133 -0.509073410 0.0912647500 -0.071227219  
## 134 -0.250143220 0.0794626000 0.013546589  
## 135 -0.307870460 -0.0101995170 0.135633520  
## 136 -0.214704970 -0.0801299540 0.173959340  
## 137 0.069642209 -0.1510642900 0.226151830  
## 138 -0.078959694 -0.1099960600 0.191881180  
## 139 -0.097809597 -0.1137113500 0.211501470  
## 140 -0.019323682 0.0002221421 0.035854109  
## 141 -0.195246480 0.0497013220 -0.016761328  
## 142 -0.338983290 -0.2322682500 0.254389350  
## 143 -0.528100840 -0.2331066500 0.225408280  
## 144 -0.461997790 -0.1738619000 0.213340800  
## 145 -0.273111960 -0.0885160950 0.144767000  
## 146 -0.173019960 0.0294077840 0.093466882  
## 147 -0.184802070 -0.0244592900 0.130791750  
## 148 -0.065312005 -0.3719580100 0.412466340  
## 149 -0.059737173 -0.3321585000 0.381464720  
## 150 -0.311948760 -0.2850173600 0.286010830  
## 151 -0.225921460 -0.4688781500 0.365003270  
## 152 -0.220440820 -0.3717056600 0.216324710  
## 153 -0.311012120 -0.4844966300 0.346357480  
## 154 -0.141153770 -0.5967220900 0.498819830  
## 155 -0.219361080 -0.5707911000 0.461072320  
## 156 -0.440295630 -0.5738432200 0.489167370  
## 157 -0.399820920 -0.5607937300 0.479207850  
## 158 -0.332891320 -0.5000767200 0.373317970  
## 159 -0.428148830 -0.4067202600 0.304354700  
## 160 -0.307071060 -0.4838825900 0.338617680  
## 161 -0.236933990 -0.6490358400 0.574105750  
## 162 -0.164519220 -0.5453634000 0.461961890  
## 163 -0.170694050 -0.5148729200 0.412488290  
## 164 -0.183199110 -0.4010481700 0.350465620  
## 165 -0.056008785 -0.3938305100 0.311612260  
## 166 -0.263159160 -0.6359656800 0.499066620  
## 167 -0.174460850 -0.5561481400 0.431315420  
## 168 -0.219395220 -0.6509688700 0.574452280  
## 169 -0.143134180 -0.6827349700 0.652763800  
## 170 -0.284874260 -0.7886439300 0.793609030  
## 171 -0.209092120 -0.7236974800 0.700904280  
## 172 -0.088667917 -0.4354901800 0.348013560  
## 173 -0.190528750 -0.3323895400 0.242486900  
## 174 -0.411994320 -0.5456831100 0.479605570  
## 175 -0.542337320 -0.6158393500 0.503595950  
## 176 -0.475912890 -0.6538911600 0.581225780  
## 177 -0.069323504 0.7978282100 -0.874354660  
## tBodyGyro-arCoeff()-Y,3 tBodyGyro-arCoeff()-Y,4 tBodyGyro-arCoeff()-Z,1  
## 1 0.316654510 0.375726410 0.7233991900  
## 2 0.117686610 0.081691287 0.0423640400  
## 3 0.114924260 0.125398290 0.1120920500  
## 4 0.078321232 0.177027580 0.1934016500  
## 5 -0.434916170 0.650136770 0.2399500700  
## 6 -0.380937330 0.573308540 0.1037746400  
## 7 0.063395367 0.240145870 0.0175826610  
## 8 -0.053852950 0.366075450 0.1657064100  
## 9 0.229182820 -0.027345769 0.1813357600  
## 10 0.136991990 0.210594290 -0.0822568230  
## 11 0.062205217 0.298176460 -0.0701909850  
## 12 0.124843630 0.138644560 0.2344542300  
## 13 0.304293970 -0.145814260 0.3602199000  
## 14 0.386044200 -0.115930660 0.2615177000  
## 15 0.193586330 0.237530960 -0.0125142720  
## 16 -0.072000061 0.115801310 0.0460112920  
## 17 -0.093569267 0.148133470 0.1862910300  
## 18 -0.161130800 0.374685300 0.2057262500  
## 19 -0.049897808 0.184759600 0.1784831500  
## 20 0.201698470 -0.004428769 0.1456562500  
## 21 0.290009410 -0.145300660 0.4697768300  
## 22 0.448786840 -0.307667780 0.5498062400  
## 23 0.246490060 -0.020293652 0.4453434700  
## 24 0.241788230 -0.103947110 0.6426101700  
## 25 0.187668220 -0.123373340 0.7424880500  
## 26 0.092720868 0.047553244 0.7328511700  
## 27 0.197222890 0.057836815 0.5825762900  
## 28 0.003717856 -0.114275050 -0.1336149500  
## 29 -0.054887477 0.063705374 0.4033406300  
## 30 0.268225120 -0.255044880 0.0591736600  
## 31 -0.460237670 0.339319290 -0.8031181700  
## 32 -0.277261600 0.234407300 -0.6326472500  
## 33 0.225715110 -0.182117130 -0.1736715000  
## 34 0.302304460 -0.189324610 0.1587814500  
## 35 0.243867280 -0.378765280 0.2640592100  
## 36 0.059409527 -0.024308777 0.2411555500  
## 37 0.046630480 0.097884313 0.2465073400  
## 38 0.089424404 0.056578389 0.3934470100  
## 39 0.114779170 0.038429680 -0.2069566600  
## 40 -0.079319091 0.039058154 -0.1645525000  
## 41 0.010875074 0.006716147 -0.0246670590  
## 42 0.266244070 -0.233500800 0.1176035900  
## 43 0.248332800 -0.160777890 0.0841678180  
## 44 -0.054788957 0.118043120 0.2982075700  
## 45 0.031119714 -0.003832468 0.3192744600  
## 46 0.262061500 -0.123957150 0.3148107300  
## 47 0.034380194 0.248404490 0.3278837800  
## 48 -0.144161760 0.264484840 0.1020982100  
## 49 0.057744568 -0.066759218 0.2572481000  
## 50 -0.162557540 0.167451760 0.3426707400  
## 51 -0.209201550 0.331511860 0.1658671700  
## 52 -0.431197520 0.362640410 -0.5247967100  
## 53 0.040503424 0.196634420 -0.1945870700  
## 54 0.139221010 0.057553502 0.0661549230  
## 55 0.180774740 0.060732003 0.1480252600  
## 56 0.183970170 -0.010901646 0.3484609200  
## 57 0.270954800 0.054683970 0.3091047800  
## 58 0.039529017 0.243131370 0.1499189500  
## 59 -0.139759180 0.366312320 0.4101527700  
## 60 0.018991945 0.275833400 0.4272522300  
## 61 0.034536015 0.075228798 0.3864985000  
## 62 -0.110332230 0.311549660 0.3808663800  
## 63 0.202226630 0.176634760 0.2461179200  
## 64 0.061987757 0.126959220 0.3074057200  
## 65 -0.214610380 0.112963960 -0.0833655490  
## 66 -0.271915060 0.234794460 -0.0760458530  
## 67 -0.348035290 0.154536520 -0.4159947300  
## 68 -0.295493890 0.122618950 -0.3989683500  
## 69 -0.118061350 0.073429053 -0.1886999900  
## 70 -0.184690760 0.182411470 -0.4941057600  
## 71 0.059361673 -0.128277470 -0.3706536900  
## 72 0.089681257 -0.142683380 -0.2199762500  
## 73 -0.030597378 0.060928718 -0.4473804200  
## 74 0.089930695 -0.320953350 -0.0223194270  
## 75 0.274652830 -0.531425530 0.2357314700  
## 76 0.124791390 -0.194614500 0.3283127300  
## 77 0.103660270 -0.008242749 0.2948211300  
## 78 0.220215960 -0.017427241 0.4007228900  
## 79 -0.375723870 0.202351270 -0.0224238410  
## 80 -0.388177670 0.302660760 0.0313224030  
## 81 -0.201314980 0.263125980 -0.0236322770  
## 82 0.043596166 0.016330567 -0.0351217890  
## 83 -0.068664096 0.071030981 -0.2310023200  
## 84 -0.265250290 0.262391610 -0.2972543100  
## 85 -0.387937670 0.377269020 -0.2529340400  
## 86 -0.028692301 0.076916450 -0.1974602000  
## 87 -0.418192570 0.337561480 -0.3262670400  
## 88 -0.444217410 0.477243260 -0.1190789200  
## 89 -0.060667895 0.179841990 0.0059524414  
## 90 -0.197515590 0.222042830 -0.0536999780  
## 91 -0.478770680 0.506915290 -0.0506480040  
## 92 -0.443869250 0.425537980 -0.0405175100  
## 93 -0.665712070 0.597383190 -0.0921392290  
## 94 -0.405173120 0.331216340 -0.0650445600  
## 95 -0.215752250 0.163274000 -0.0690566180  
## 96 -0.352145090 0.367345240 -0.0495741470  
## 97 -0.297769050 0.313234630 -0.2061373800  
## 98 -0.074158462 0.046850359 -0.3637709000  
## 99 -0.079079176 0.077875235 -0.1298425100  
## 100 -0.283448120 0.265934230 -0.0444088640  
## 101 -0.577511230 0.552575040 -0.1085412600  
## 102 -0.263081210 0.319201360 0.0460808910  
## 103 -0.301060340 0.346182930 0.0140391480  
## 104 -0.247055910 0.280026630 -0.4025212800  
## 105 -0.065785980 0.147127860 -0.2745457200  
## 106 -0.272231800 0.373828280 -0.0224353130  
## 107 -0.168473130 0.303697410 0.0264824400  
## 108 -0.005512095 0.181637170 0.0317944550  
## 109 -0.320469920 0.378749360 0.0218591020  
## 110 -0.475115660 0.435316720 -0.1660204300  
## 111 -0.310120440 0.198518870 -0.3309667100  
## 112 -0.252401670 0.288102470 -0.0827830270  
## 113 -0.349063100 0.474607660 0.0298850410  
## 114 -0.208452000 0.278898760 -0.2245144800  
## 115 -0.132012420 0.205112730 -0.1466693500  
## 116 -0.038623954 0.089500662 0.0388719040  
## 117 -0.179675030 0.211583450 -0.0232002050  
## 118 -0.434323470 0.467046320 -0.1479959600  
## 119 -0.159137850 0.202265220 -0.1113971100  
## 120 -0.075661670 0.077134289 -0.2405086500  
## 121 -0.184592250 0.196735240 -0.2715784500  
## 122 -0.479786010 0.423281210 -0.1808111200  
## 123 -0.387894550 0.291004000 -0.2442981500  
## 124 -0.176794540 0.131798610 -0.5531141500  
## 125 -0.173539600 0.170820680 -0.3894172200  
## 126 0.065847870 0.074777575 0.2167050100  
## 127 -0.261871070 0.441725720 -0.1170053700  
## 128 -0.042492478 0.143302960 -0.1621089900  
## 129 0.130565120 -0.057738964 -0.1307682400  
## 130 -0.141183570 0.161937140 -0.2972053000  
## 131 -0.088998084 -0.009995090 -0.1825805600  
## 132 0.082579172 -0.129584070 -0.1895190400  
## 133 0.216108140 -0.070282954 -0.2395378200  
## 134 0.099545370 -0.025315808 -0.1050025300  
## 135 -0.059698596 0.126996250 -0.3146283800  
## 136 -0.137609350 0.228467680 -0.3378602300  
## 137 -0.094767965 0.062210875 -0.3054190000  
## 138 -0.143308560 0.121024210 -0.2489873400  
## 139 -0.174041730 0.130142600 -0.2327909900  
## 140 0.153486490 -0.136845240 -0.3146849400  
## 141 0.144946200 0.015257318 -0.4124402300  
## 142 -0.150737310 0.258269330 -0.3175586300  
## 143 -0.089943022 0.176011610 -0.3747333600  
## 144 -0.171921150 0.320894680 -0.3092130000  
## 145 -0.076150972 0.081874721 -0.2665925100  
## 146 -0.182603790 0.237274680 -0.2291379600  
## 147 -0.318137840 0.458517310 -0.1752931300  
## 148 -0.286313840 0.174058590 -0.3820844500  
## 149 -0.261276170 0.159131260 -0.3159956000  
## 150 -0.154087380 0.115607710 -0.1973142300  
## 151 -0.001750991 -0.171326690 -0.4021847300  
## 152 0.229789880 -0.312351970 -0.3991865900  
## 153 -0.068698166 0.030708926 -0.4146714400  
## 154 -0.265629320 0.144293640 -0.3695114700  
## 155 -0.115167010 -0.081725938 -0.4845772000  
## 156 -0.217924460 0.019799798 -0.6341754900  
## 157 -0.163244600 -0.051009334 -0.2949701100  
## 158 0.046817880 -0.226241500 -0.2711437900  
## 159 -0.020918120 -0.084492866 -0.2669899300  
## 160 0.041294777 -0.140460710 -0.3242567500  
## 161 -0.337897350 0.114524340 -0.5060858000  
## 162 -0.218808490 0.037031097 -0.4358530200  
## 163 -0.185878340 0.080567046 -0.2817575800  
## 164 -0.246607940 0.182048300 -0.2678710000  
## 165 -0.201328720 0.187297290 -0.2274333800  
## 166 -0.199742850 0.067545303 -0.3808862900  
## 167 -0.150340020 0.038149690 -0.4489091000  
## 168 -0.456638670 0.311785590 -0.3289129400  
## 169 -0.585544430 0.372577520 -0.2340231100  
## 170 -0.766158950 0.459886850 -0.3069867300  
## 171 -0.656689810 0.415907600 -0.4064975600  
## 172 -0.199610330 0.152510440 -0.4287430400  
## 173 -0.061118672 0.044647745 -0.4757115600  
## 174 -0.322836940 0.180420420 -0.5419091500  
## 175 -0.268190250 0.131252110 -0.3077227600  
## 176 -0.373997540 0.148979620 -0.1531025900  
## 177 0.494576490 0.150893120 0.0003674101  
## tBodyGyro-arCoeff()-Z,2 tBodyGyro-arCoeff()-Z,3 tBodyGyro-arCoeff()-Z,4  
## 1 -0.77111201 0.690213230 -0.3318310400  
## 2 -0.14992836 0.292618930 -0.1494293500  
## 3 -0.16564496 0.134554440 0.1843489800  
## 4 -0.20718879 0.112457470 0.2020919300  
## 5 -0.33952923 0.132537080 0.4732513800  
## 6 -0.22767973 0.138241320 0.3461754600  
## 7 -0.11721192 0.048762132 0.3357637200  
## 8 -0.28304927 0.177423270 0.3079970000  
## 9 -0.28317573 0.342415210 -0.0591899250  
## 10 0.05872100 0.035193368 0.1870195500  
## 11 0.08164453 -0.052891273 0.3116983400  
## 12 -0.17971629 0.086658513 0.2243891200  
## 13 -0.25448649 0.146609330 -0.0243917080  
## 14 -0.14046523 0.116767880 -0.0055653679  
## 15 -0.13173952 0.100359870 0.1621901700  
## 16 -0.15267218 0.013496817 0.2921851500  
## 17 -0.25134770 0.017479875 0.3569637400  
## 18 -0.23345586 0.108919780 0.1425399900  
## 19 -0.19802532 0.166634710 -0.0701348330  
## 20 -0.10745182 0.018243872 0.0248701720  
## 21 -0.31765493 0.230536330 -0.1389244900  
## 22 -0.40242534 0.268496500 -0.1592855500  
## 23 -0.34895310 0.194231330 0.0682225350  
## 24 -0.58346139 0.365647160 0.0924000410  
## 25 -0.66247916 0.464546340 0.0033378982  
## 26 -0.57627848 0.441655050 -0.0973877400  
## 27 -0.37574613 0.274767660 -0.0444510830  
## 28 -0.13374758 0.329685910 -0.0552984360  
## 29 -0.52736762 0.551473750 -0.3115252500  
## 30 -0.17292377 0.206645750 -0.0603416020  
## 31 0.61404165 -0.297293110 0.1984382900  
## 32 0.42625846 -0.179794750 0.2189920500  
## 33 -0.01301168 0.080413499 0.1576902100  
## 34 -0.32119037 0.214815540 0.1978329800  
## 35 -0.24439191 0.033672171 0.1241977900  
## 36 -0.16333083 -0.056656862 0.1110902500  
## 37 -0.08734008 -0.121534360 0.0671937610  
## 38 -0.16271830 0.039351938 0.1826818500  
## 39 0.06269229 -0.160079070 0.4525638700  
## 40 -0.11938092 0.224197360 0.1606809100  
## 41 -0.16823466 0.195996870 0.1055342100  
## 42 -0.13952153 0.228858740 -0.3058704700  
## 43 -0.21487387 0.370262980 -0.2905079300  
## 44 -0.35017328 0.215541430 0.0346343150  
## 45 -0.28278556 0.124424110 -0.0077623815  
## 46 -0.31423428 0.217920410 0.0002327177  
## 47 -0.31819791 0.215199450 -0.0274402950  
## 48 -0.04194086 0.060310170 -0.0892713820  
## 49 -0.23772088 0.287323110 -0.2521227300  
## 50 -0.31315797 0.165462320 0.0541894840  
## 51 -0.19400800 0.087130525 0.2079904100  
## 52 0.52757226 -0.460046510 0.2210710000  
## 53 0.07433822 -0.180300370 0.4348682500  
## 54 -0.07840109 0.017261554 0.0253066110  
## 55 -0.16052276 0.097600875 -0.0300448800  
## 56 -0.36381501 0.180061290 0.0493090880  
## 57 -0.33369647 0.176628370 0.0505439950  
## 58 -0.21788456 0.203454520 -0.0273326790  
## 59 -0.32364370 0.194702790 0.0597151240  
## 60 -0.29143779 0.142554620 -0.0233155560  
## 61 -0.25071682 0.085828002 0.0852431510  
## 62 -0.30655326 0.195309440 0.0782167720  
## 63 -0.17386919 0.159101480 -0.0907253720  
## 64 -0.19177174 -0.002765841 0.1726792200  
## 65 0.08903725 -0.235745060 0.2932966800  
## 66 -0.04044613 0.032374513 0.1357613900  
## 67 0.28504032 -0.137176690 0.1904332800  
## 68 0.28257441 -0.154684760 0.2192227100  
## 69 0.15444814 -0.136898850 0.1181659500  
## 70 0.46138319 -0.474433760 0.4469372200  
## 71 0.29712061 -0.158825570 0.1835684100  
## 72 0.21713603 -0.079332337 0.2503799000  
## 73 0.34737167 -0.396576690 0.5770017200  
## 74 -0.10580422 0.141767940 0.0199735770  
## 75 -0.28163989 0.211877250 -0.0630461760  
## 76 -0.40662689 0.325458060 -0.0563091840  
## 77 -0.37009195 0.291213740 0.1007913200  
## 78 -0.47506846 0.453641450 -0.1076420600  
## 79 0.15837001 -0.307141660 0.5045310500  
## 80 0.09935118 -0.211073320 0.4632182100  
## 81 0.13533303 -0.238551650 0.4786467400  
## 82 0.11628373 -0.190332980 0.3948046700  
## 83 0.28265016 -0.326120360 0.4394692400  
## 84 0.34700082 -0.438393410 0.6261847900  
## 85 0.35844646 -0.533664430 0.7209631800  
## 86 0.30711985 -0.423826390 0.5552177800  
## 87 0.39798666 -0.536899370 0.6648772300  
## 88 0.21098070 -0.329115130 0.5262500900  
## 89 0.06546761 -0.159103860 0.4254818600  
## 90 0.10294272 -0.160638600 0.3722416900  
## 91 0.08453578 -0.112873560 0.3611833300  
## 92 0.07637808 -0.040655296 0.2796987100  
## 93 0.18198920 -0.196025100 0.3863519800  
## 94 0.16304762 -0.226821910 0.4537335500  
## 95 0.14389347 -0.198196360 0.4104742400  
## 96 0.09245758 -0.136677680 0.3573934800  
## 97 0.19793546 -0.092323416 0.2134592200  
## 98 0.37804851 -0.277060030 0.3089730100  
## 99 0.17924920 -0.191422840 0.3690808400  
## 100 0.11702425 -0.165915870 0.4234768700  
## 101 0.23182303 -0.355275470 0.5573083100  
## 102 0.07266653 -0.187450930 0.4497173700  
## 103 0.06550126 -0.225605880 0.5439486200  
## 104 0.45811203 -0.490774740 0.5566240200  
## 105 0.27485867 -0.226483610 0.3605437200  
## 106 0.01342090 0.067395953 0.1524534600  
## 107 0.08137283 -0.232421450 0.5399652600  
## 108 0.10167049 -0.247385110 0.5395780300  
## 109 0.03480758 -0.002616908 0.2333876300  
## 110 0.12635226 0.015159842 0.1018038700  
## 111 0.38067043 -0.438433300 0.5775770900  
## 112 0.13033203 -0.213867540 0.5108611100  
## 113 -0.09612915 0.120907610 0.2529530700  
## 114 0.16054433 -0.132653600 0.3723403900  
## 115 0.09531184 -0.085789466 0.3612079400  
## 116 -0.02397133 0.006381294 0.2929100000  
## 117 0.08370271 -0.145604330 0.4064870600  
## 118 0.23688297 -0.355640170 0.5921328400  
## 119 0.06677005 -0.041883455 0.3459383100  
## 120 0.23312105 -0.149982880 0.2696999600  
## 121 0.30096104 -0.293622870 0.3845128300  
## 122 0.22700131 -0.440856690 0.7126682800  
## 123 0.26367219 -0.372923540 0.6224682500  
## 124 0.55297275 -0.447829530 0.4221254100  
## 125 0.40007825 -0.336314700 0.3946679500  
## 126 -0.07778948 -0.148861720 0.4354988400  
## 127 0.07087060 0.071201576 0.0600183090  
## 128 0.21447472 -0.203578370 0.2870034900  
## 129 0.20803597 -0.295725920 0.4366804700  
## 130 0.33225879 -0.323249480 0.3729972900  
## 131 0.13446700 0.107048160 -0.0904719890  
## 132 0.25037148 -0.196563610 0.2306961000  
## 133 0.33629512 -0.451652750 0.5501216200  
## 134 0.08338892 0.008403936 0.1436872800  
## 135 0.32318463 -0.204154780 0.2467868600  
## 136 0.37523401 -0.309451920 0.3401983600  
## 137 0.35751325 -0.316623350 0.3672828300  
## 138 0.29723380 -0.284385260 0.3699627100  
## 139 0.27675871 -0.296899590 0.4212370100  
## 140 0.29853632 -0.198857210 0.3020542000  
## 141 0.42508291 -0.390932270 0.4596238500  
## 142 0.27215668 -0.152667110 0.2624142800  
## 143 0.35101026 -0.148403810 0.0744262100  
## 144 0.31095902 -0.201066330 0.1770574300  
## 145 0.28081426 -0.280516910 0.3769046700  
## 146 0.26282375 -0.239629140 0.3452843000  
## 147 0.13675657 -0.070811490 0.2593386300  
## 148 0.30967014 -0.168502730 0.2466848500  
## 149 0.37205537 -0.350464020 0.3408119100  
## 150 0.23039223 -0.175086590 0.2226757400  
## 151 0.41682469 -0.354433940 0.3281198800  
## 152 0.42425727 -0.387263510 0.3918078400  
## 153 0.28040974 -0.036621331 0.0493499410  
## 154 0.27435398 -0.038080991 0.0144318810  
## 155 0.46147837 -0.248138680 0.1335054600  
## 156 0.56800503 -0.269586900 0.0404986580  
## 157 0.27020306 -0.199410070 0.2646835700  
## 158 0.30487408 -0.292406530 0.3728914200  
## 159 0.21241426 0.059172040 -0.0231588200  
## 160 0.33645361 -0.224765290 0.2513160400  
## 161 0.49767400 -0.389951970 0.3040191100  
## 162 0.39961574 -0.255990950 0.1879256000  
## 163 0.20714624 0.003869461 -0.0215883660  
## 164 0.20170569 0.020927153 -0.0493930990  
## 165 0.22802297 -0.031108414 0.0075762397  
## 166 0.37926319 -0.210824550 0.1415665600  
## 167 0.47920502 -0.423523600 0.3476540500  
## 168 0.33119486 -0.175418460 0.2016494000  
## 169 0.23928570 -0.034635603 0.0276809370  
## 170 0.21520778 0.059986123 -0.1223456000  
## 171 0.29727280 0.017461340 -0.1165441400  
## 172 0.38885166 -0.190261810 0.1264744100  
## 173 0.42709713 -0.236383860 0.1677116100  
## 174 0.55935125 -0.374001200 0.2332907800  
## 175 0.32044140 -0.121307280 0.1231006500  
## 176 0.15616289 0.096937431 -0.1093352600  
## 177 -0.12910979 -0.054822061 0.4479370400  
## tBodyGyro-correlation()-X,Y tBodyGyro-correlation()-X,Z  
## 1 0.709583770 0.134873360  
## 2 0.046721243 -0.256929400  
## 3 -0.010129565 0.043311584  
## 4 0.210194130 0.141100840  
## 5 -0.142000700 0.484418850  
## 6 -0.448102490 0.645013580  
## 7 -0.016117067 0.466061630  
## 8 0.204362480 0.193000890  
## 9 -0.187376790 0.233717240  
## 10 -0.365844870 0.160245330  
## 11 -0.425716120 0.152389830  
## 12 0.015827178 0.059518490  
## 13 0.382153110 -0.336155810  
## 14 -0.150034710 0.261495120  
## 15 -0.262291610 0.230272180  
## 16 0.484807610 -0.513689560  
## 17 -0.530258780 0.461326320  
## 18 0.180950290 -0.343992750  
## 19 0.111296290 -0.076928197  
## 20 -0.138034570 0.033427343  
## 21 0.172961270 -0.285873050  
## 22 0.141273290 -0.181434640  
## 23 0.082247765 -0.208376420  
## 24 0.005935114 -0.004609539  
## 25 -0.200005060 0.015846362  
## 26 0.078967501 -0.410562650  
## 27 0.218693530 -0.251705190  
## 28 0.610399490 -0.885549330  
## 29 0.841329160 -0.803092130  
## 30 0.849325290 -0.852237130  
## 31 0.621307770 0.867191880  
## 32 0.554477380 0.654858550  
## 33 -0.039286896 -0.718088640  
## 34 -0.426960330 -0.064531570  
## 35 0.606366720 -0.811699320  
## 36 0.380156590 -0.762989470  
## 37 0.028098667 -0.280402940  
## 38 -0.508735770 0.104834830  
## 39 0.441709450 0.946102040  
## 40 -0.069613474 0.996369330  
## 41 0.514428730 0.983433040  
## 42 -0.050829927 0.938052860  
## 43 -0.492227930 0.587989060  
## 44 -0.496560140 0.338028400  
## 45 -0.302224850 0.753439590  
## 46 -0.056931831 -0.113018650  
## 47 -0.522545070 0.152187330  
## 48 -0.538302180 0.556581380  
## 49 -0.344371430 0.398428220  
## 50 -0.322234520 0.274327670  
## 51 -0.117097650 0.048721790  
## 52 -0.217129890 0.338002890  
## 53 -0.785538950 0.976583240  
## 54 0.598523070 0.955206920  
## 55 -0.269840680 0.526345800  
## 56 -0.158725950 -0.367527300  
## 57 0.020600730 0.446232840  
## 58 0.189606720 0.428543300  
## 59 -0.186193460 0.077711230  
## 60 0.207146560 0.401666620  
## 61 0.318847470 0.267904810  
## 62 0.198454860 0.069544537  
## 63 0.245689600 0.173923180  
## 64 0.294392050 0.365256250  
## 65 -0.434549850 0.667717000  
## 66 0.691688850 0.954811960  
## 67 -0.443255370 0.303823260  
## 68 -0.447987390 0.284859200  
## 69 -0.190806960 0.352694510  
## 70 -0.572095620 0.571763160  
## 71 -0.214425760 0.012155568  
## 72 -0.172633380 -0.003436661  
## 73 -0.277178420 0.710360680  
## 74 -0.310446830 0.830127570  
## 75 -0.448029220 0.910218740  
## 76 -0.793513980 0.898475870  
## 77 -0.705085790 0.688568870  
## 78 -0.084264797 0.486706220  
## 79 -0.247858180 -0.174488660  
## 80 -0.205119470 0.123433540  
## 81 -0.151346610 0.161032720  
## 82 0.104329580 0.197395100  
## 83 0.079807808 0.203211840  
## 84 -0.013876819 0.132047200  
## 85 -0.008034684 0.068513315  
## 86 -0.075796089 -0.030988393  
## 87 -0.145165400 0.082040898  
## 88 -0.056253106 0.006015072  
## 89 -0.045529573 0.049992440  
## 90 0.114394180 0.153830690  
## 91 0.112856440 0.039004516  
## 92 -0.022017127 0.054399109  
## 93 -0.067428863 0.145394300  
## 94 -0.073316197 0.059822092  
## 95 -0.029789280 0.011579143  
## 96 0.097797010 0.068664487  
## 97 0.079522663 -0.125851150  
## 98 -0.104234350 -0.323393060  
## 99 -0.059409245 -0.015622734  
## 100 -0.065998135 0.014103695  
## 101 0.051770265 0.034725703  
## 102 0.085968090 0.038059549  
## 103 0.117099150 0.180710050  
## 104 0.157099700 0.107869110  
## 105 0.007845214 -0.021711281  
## 106 0.018254550 -0.058759468  
## 107 0.121700090 -0.022481307  
## 108 0.022281512 -0.040418148  
## 109 -0.027049202 -0.055189865  
## 110 0.069576874 -0.009128814  
## 111 0.037931194 -0.084553423  
## 112 -0.127244190 -0.003084686  
## 113 -0.117862300 0.153621120  
## 114 0.004104681 0.288388650  
## 115 0.131344940 0.190748290  
## 116 -0.003280086 0.008534615  
## 117 -0.087754602 0.010023543  
## 118 -0.062092223 -0.047559305  
## 119 -0.092475979 0.013131752  
## 120 -0.037383514 0.028674052  
## 121 0.010404151 -0.136211180  
## 122 -0.049433708 -0.192910770  
## 123 -0.154733120 -0.113061440  
## 124 -0.171189110 -0.032183388  
## 125 -0.036966180 -0.035552208  
## 126 0.358998540 -0.297029270  
## 127 0.375831640 -0.246146540  
## 128 -0.042546710 -0.090887785  
## 129 -0.262517890 -0.095277776  
## 130 -0.095683030 -0.197161890  
## 131 -0.217706340 -0.169647620  
## 132 -0.298264780 -0.093504320  
## 133 0.331023040 -0.330514540  
## 134 0.313029280 -0.286240690  
## 135 0.214974990 0.090683463  
## 136 0.196973390 -0.136193240  
## 137 -0.207867030 -0.122647720  
## 138 -0.356610850 -0.068077973  
## 139 -0.368879150 0.055359956  
## 140 -0.414235770 -0.049899470  
## 141 -0.156878450 -0.082079222  
## 142 0.274194740 -0.220644340  
## 143 0.357891030 -0.074351949  
## 144 0.377345840 -0.450152430  
## 145 -0.088970663 -0.501936490  
## 146 -0.238631370 -0.216064860  
## 147 -0.247558770 -0.078348171  
## 148 -0.264787700 -0.025420777  
## 149 0.241067530 0.073429134  
## 150 0.015313696 -0.087620141  
## 151 -0.179732390 -0.254312940  
## 152 -0.159550640 -0.439128260  
## 153 -0.462867170 -0.684046630  
## 154 -0.347230510 -0.646811210  
## 155 -0.132364630 -0.428252730  
## 156 -0.363218300 -0.443612660  
## 157 -0.115264130 -0.243806910  
## 158 -0.024786476 -0.451715190  
## 159 -0.176332580 -0.065700769  
## 160 0.183823740 -0.128362630  
## 161 -0.367989910 -0.490882360  
## 162 -0.568378090 -0.506868960  
## 163 -0.196891130 -0.378947080  
## 164 -0.021632439 -0.372101890  
## 165 -0.027963814 -0.039419036  
## 166 0.123878010 -0.056683240  
## 167 0.149237850 -0.263550440  
## 168 -0.342393670 -0.299981260  
## 169 -0.134373580 -0.432500440  
## 170 -0.462113100 -0.561667070  
## 171 -0.477760050 -0.518069700  
## 172 -0.017147028 -0.468544910  
## 173 0.143522890 -0.192820000  
## 174 0.054281808 -0.226145540  
## 175 0.117556290 -0.427553320  
## 176 -0.326771900 -0.424578800  
## 177 0.579868900 -0.608869170  
## tBodyGyro-correlation()-Y,Z tBodyGyroJerk-mean()-X tBodyGyroJerk-mean()-Y  
## 1 0.301099480 -0.09916740 -0.055517369  
## 2 0.169394800 -0.11050283 -0.044818731  
## 3 -0.350646130 -0.10848567 -0.042410306  
## 4 -0.725301060 -0.09116989 -0.036332620  
## 5 -0.724557530 -0.09077010 -0.037632533  
## 6 -0.745979240 -0.09424758 -0.043355261  
## 7 -0.687680730 -0.09708861 -0.041589277  
## 8 -0.732650040 -0.10316236 -0.035546068  
## 9 -0.442480850 -0.10069440 -0.047715247  
## 10 -0.446921360 -0.09842938 -0.043540216  
## 11 -0.478497700 -0.09944295 -0.032515146  
## 12 -0.369694060 -0.09420755 -0.040316155  
## 13 -0.727809090 -0.09899450 -0.040496948  
## 14 -0.574225280 -0.10048744 -0.042113616  
## 15 -0.991771930 -0.08417587 -0.080866451  
## 16 -0.991660000 -0.09986049 -0.057413011  
## 17 -0.948048310 -0.09479039 -0.050648170  
## 18 -0.898799900 -0.10533471 -0.046139602  
## 19 -0.501154380 -0.10413693 -0.041083288  
## 20 -0.424326310 -0.09712284 -0.039561886  
## 21 -0.020311386 -0.09699966 -0.039383672  
## 22 -0.286956920 -0.09721769 -0.040646212  
## 23 -0.668137430 -0.09798059 -0.039427698  
## 24 -0.597540010 -0.09705365 -0.039995777  
## 25 -0.619822470 -0.09698408 -0.040981257  
## 26 -0.145128270 -0.09715447 -0.039321883  
## 27 -0.120152160 -0.10226052 -0.040127012  
## 28 -0.631152340 -0.11571413 -0.066663019  
## 29 -0.924111720 -0.09424213 -0.022414444  
## 30 -0.984050560 -0.09529121 -0.026020031  
## 31 0.730785840 -0.01652141 -0.065023681  
## 32 0.620604700 -0.09552168 -0.067817006  
## 33 -0.494592840 -0.18174043 -0.014079617  
## 34 -0.550885700 -0.10305335 -0.011939118  
## 35 -0.826582210 -0.09553788 -0.035066258  
## 36 -0.625272100 -0.09575153 -0.036409127  
## 37 -0.639344450 -0.09639015 -0.039033170  
## 38 -0.229487430 -0.09732419 -0.042724214  
## 39 0.551734620 -0.07613627 -0.023511625  
## 40 -0.042144153 -0.06046825 -0.047491065  
## 41 0.604869360 -0.07424087 -0.038811650  
## 42 -0.053418344 -0.08617537 -0.040941551  
## 43 -0.075413977 -0.09341342 -0.040875199  
## 44 -0.008998401 -0.09840228 -0.036623752  
## 45 -0.490231170 -0.09964431 -0.041465690  
## 46 -0.239656020 -0.09987610 -0.044019406  
## 47 -0.217958900 -0.10051458 -0.038433452  
## 48 -0.520131630 -0.09951091 -0.038919699  
## 49 -0.363967710 -0.09639977 -0.043673429  
## 50 -0.537046910 -0.09737348 -0.037230976  
## 51 -0.585806270 -0.10231372 -0.047165727  
## 52 -0.483846330 -0.11906637 -0.048786067  
## 53 -0.835101610 -0.11001902 -0.036833082  
## 54 0.566142330 -0.10579546 -0.041967089  
## 55 0.186453330 -0.10094779 -0.040474051  
## 56 0.227522390 -0.09961923 -0.040330798  
## 57 -0.051786571 -0.09820626 -0.041243883  
## 58 0.573380540 -0.09801259 -0.038934592  
## 59 0.493249490 -0.09789262 -0.038695857  
## 60 0.528645800 -0.09796862 -0.041539573  
## 61 0.489284410 -0.09785459 -0.041437227  
## 62 0.469038410 -0.09866363 -0.040145171  
## 63 0.556186420 -0.09878671 -0.043011336  
## 64 0.584748530 -0.09777343 -0.041491156  
## 65 -0.163472000 -0.11950341 -0.033136459  
## 66 0.704335130 -0.11843114 -0.038440072  
## 67 -0.857317080 -0.04233134 -0.073041670  
## 68 -0.838493530 -0.09658881 -0.074083925  
## 69 -0.441182050 -0.19508446 -0.004628999  
## 70 -0.591632650 -0.79429092 0.069186911  
## 71 -0.349682540 -0.26163473 -0.119858330  
## 72 -0.253011640 0.60049262 -0.144505770  
## 73 -0.491054800 0.11264077 0.027738790  
## 74 -0.292908440 -0.11341681 -0.029336611  
## 75 -0.282372830 -0.13014634 -0.036068798  
## 76 -0.696599580 -0.12062556 -0.035133122  
## 77 -0.364944660 -0.11018738 -0.038877206  
## 78 0.156801280 -0.10087654 -0.036907457  
## 79 0.032063043 0.09424803 -0.476210050  
## 80 0.146325840 0.16674262 -0.033796125  
## 81 0.165789680 -0.16322550 -0.005560408  
## 82 0.091175040 -0.05462885 0.340289290  
## 83 0.094166194 -0.07566824 0.171466880  
## 84 0.116457940 -0.33244254 -0.406247560  
## 85 0.101230050 -0.25613684 -0.190438070  
## 86 0.089979894 0.06436962 -0.068501754  
## 87 0.045361960 0.03446728 -0.346229650  
## 88 0.079658740 0.18603411 -0.332579640  
## 89 0.017173934 0.04508272 0.224458400  
## 90 0.033696891 -0.14267476 0.395783430  
## 91 0.109444900 -0.13278403 -0.037932658  
## 92 0.149306490 -0.08703497 -0.291154270  
## 93 0.139876330 -0.09396427 -0.263730190  
## 94 0.064519882 -0.18520624 -0.132872280  
## 95 0.061752321 -0.29718539 0.002598069  
## 96 0.036495140 0.01400096 0.403991090  
## 97 -0.062028465 -0.15539915 0.427455930  
## 98 -0.034253211 -0.25653499 -0.318280380  
## 99 0.173697910 -0.32034437 0.233154860  
## 100 0.141764010 -0.13520120 0.039407764  
## 101 0.116274660 0.03671847 -0.368108650  
## 102 0.090481900 0.05507989 -0.220132960  
## 103 0.187890100 -0.44250138 -0.053248324  
## 104 0.144476930 -0.33879212 0.173199700  
## 105 0.035590680 0.14784692 0.213243760  
## 106 0.060103507 0.18695314 -0.112682190  
## 107 0.050963714 0.02969876 -0.281201950  
## 108 0.074086210 -0.16067999 -0.095764335  
## 109 0.139503610 -0.56239894 -0.055131597  
## 110 0.061817291 -0.14331220 0.148856540  
## 111 0.006518665 0.16863397 0.300534900  
## 112 0.132509780 0.11746285 -0.236708150  
## 113 0.126915930 -0.12692638 -0.166802570  
## 114 0.138890260 -0.04752922 0.529764130  
## 115 0.132678650 -0.24627691 0.095352315  
## 116 0.054125495 -0.19267678 -0.518209250  
## 117 0.088938177 0.20131231 -0.144073410  
## 118 0.084245781 0.01730789 -0.185741480  
## 119 0.033308133 -0.27274669 -0.224400330  
## 120 0.033739236 -0.15055604 0.164992280  
## 121 0.045536683 -0.26728072 -0.071256112  
## 122 0.078055318 0.05532868 0.284623800  
## 123 0.010673870 -0.13690997 0.433166420  
## 124 -0.025065721 -0.31473251 -0.353529690  
## 125 0.044662921 0.06437148 -0.359780750  
## 126 -0.370509900 -0.06831363 0.019193884  
## 127 -0.510195140 -0.07984600 -0.089740410  
## 128 -0.435129810 -0.34881860 -0.189340580  
## 129 -0.286402320 0.06155402 -0.202781000  
## 130 -0.410677190 -0.09460057 0.097166120  
## 131 -0.365167690 -0.18283560 0.036192498  
## 132 -0.367691040 0.16404521 -0.344609110  
## 133 -0.535384320 -0.06071285 0.076541275  
## 134 -0.490498570 -0.27003834 0.088308860  
## 135 -0.510104480 0.19139611 0.479450500  
## 136 -0.564428350 -0.23734906 -0.139075760  
## 137 -0.360175800 -0.14145873 -0.561079360  
## 138 -0.341149550 0.25543693 0.143369910  
## 139 -0.388026220 -0.76314989 0.366100800  
## 140 -0.211814420 0.02619441 -0.325370730  
## 141 -0.347446510 0.58267592 -0.644292770  
## 142 -0.423637890 -0.25697403 0.261078630  
## 143 -0.410077490 0.03236140 0.034560422  
## 144 -0.491541770 -0.39119353 0.071967930  
## 145 -0.204204410 0.03044307 -0.192767550  
## 146 -0.245028870 0.18555062 -0.429328330  
## 147 -0.366858580 -0.24074731 0.243308590  
## 148 -0.247258710 0.01431945 -0.018155334  
## 149 -0.280731060 0.18108171 -0.197348960  
## 150 -0.459013260 -0.14231865 0.144780500  
## 151 0.025174011 -0.21559862 0.034228727  
## 152 0.216312880 -0.12499571 0.134023230  
## 153 0.404069600 0.08729590 0.044658829  
## 154 0.384532840 0.03333602 0.201749520  
## 155 0.063039319 -0.18886922 -0.482886930  
## 156 -0.029898588 -0.21036590 -0.592595200  
## 157 0.038662671 -0.24143193 0.070908552  
## 158 0.188854950 -0.15688387 -0.009103149  
## 159 -0.069891059 0.02240180 -0.060417603  
## 160 0.013308926 0.04782313 -0.092770022  
## 161 0.173044380 -0.21565778 -0.033554862  
## 162 0.277110280 -0.32887030 0.185255320  
## 163 0.173253340 0.17698182 -0.005422670  
## 164 0.076044932 -0.08134889 0.146029820  
## 165 0.070125050 -0.40714936 0.156664500  
## 166 0.143373190 -0.04435304 -0.243052930  
## 167 0.269444150 0.12181176 -0.021329426  
## 168 -0.058261910 -0.25657209 0.001140936  
## 169 0.032862675 -0.10083848 -0.057229487  
## 170 0.125296380 -0.07964956 0.122918710  
## 171 0.195464850 -0.26187294 0.261808640  
## 172 0.119183890 -0.05626886 -0.263020730  
## 173 0.143624360 -0.14423158 -0.332513490  
## 174 0.063568848 -0.33788829 -0.020148679  
## 175 -0.004250318 -0.07288986 -0.089950215  
## 176 0.019096748 0.15811947 -0.073977233  
## 177 -0.945319830 -0.11031752 -0.071431297  
## tBodyGyroJerk-mean()-Z tBodyGyroJerk-std()-X tBodyGyroJerk-std()-Y  
## 1 -0.061985797 -0.9921107 -0.99251927  
## 2 -0.059242822 -0.9898726 -0.99729260  
## 3 -0.055828829 -0.9884618 -0.99563214  
## 4 -0.060464660 -0.9911194 -0.99664096  
## 5 -0.058289319 -0.9913545 -0.99647298  
## 6 -0.041935999 -0.9916216 -0.99601465  
## 7 -0.044704559 -0.9904185 -0.99541459  
## 8 -0.063208931 -0.9911036 -0.99579433  
## 9 -0.067720045 -0.9924195 -0.99631178  
## 10 -0.048562914 -0.9839125 -0.99307848  
## 11 -0.045512651 -0.9859109 -0.99371782  
## 12 -0.057682038 -0.9957170 -0.99755680  
## 13 -0.054137882 -0.9960237 -0.99888814  
## 14 -0.053738021 -0.9975124 -0.99826836  
## 15 0.007531561 -0.9846701 -0.99282912  
## 16 -0.022366509 -0.9947609 -0.99694746  
## 17 -0.034809761 -0.9956387 -0.99702529  
## 18 -0.046398495 -0.9964649 -0.99736626  
## 19 -0.054341093 -0.9961731 -0.99845498  
## 20 -0.054821896 -0.9966247 -0.99929097  
## 21 -0.055209671 -0.9972131 -0.99885611  
## 22 -0.054870288 -0.9966684 -0.99847664  
## 23 -0.055537897 -0.9973165 -0.99855988  
## 24 -0.059039117 -0.9977921 -0.99830456  
## 25 -0.056018736 -0.9969277 -0.99810702  
## 26 -0.051857918 -0.9957425 -0.99798917  
## 27 -0.052669203 -0.9954386 -0.99754026  
## 28 0.016335990 -0.9852016 -0.98666522  
## 29 -0.066970560 -0.9970374 -0.99794847  
## 30 -0.078193929 -0.9980773 -0.99817308  
## 31 -0.150639070 -0.8938046 -0.88147183  
## 32 -0.040522627 -0.8863080 -0.87419654  
## 33 0.047204388 -0.9636738 -0.95824501  
## 34 -0.062791658 -0.9959289 -0.98907867  
## 35 -0.068364914 -0.9991885 -0.99412613  
## 36 -0.065751415 -0.9987960 -0.99464491  
## 37 -0.061621011 -0.9987328 -0.99459335  
## 38 -0.056653466 -0.9986055 -0.99482467  
## 39 0.048746095 -0.9921825 -0.99252142  
## 40 0.053835275 -0.9983178 -0.99404793  
## 41 0.004460921 -0.9978430 -0.99528855  
## 42 -0.041286479 -0.9970879 -0.99492132  
## 43 -0.043482017 -0.9975639 -0.99580404  
## 44 -0.052670226 -0.9992789 -0.99686121  
## 45 -0.064887957 -0.9982804 -0.99659289  
## 46 -0.055598998 -0.9973808 -0.99615461  
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## 51 -0.056428730 -0.9974262 -0.99591829  
## 52 -0.155449510 -0.9697419 -0.95314390  
## 53 -0.123623390 -0.9970592 -0.99724402  
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## 60 -0.055677600 -0.9997279 -0.99896022  
## 61 -0.051773459 -0.9998141 -0.99857120  
## 62 -0.054970621 -0.9977071 -0.99821401  
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## 65 -0.081185235 -0.9352406 -0.93776472  
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## 67 -0.056678688 -0.6058686 -0.89932747  
## 68 -0.056614254 -0.5884292 -0.89356735  
## 69 -0.128992860 -0.8816520 -0.96388666  
## 70 -0.219667870 -0.6729598 -0.87982746  
## 71 -0.012435592 -0.3626256 -0.72314441  
## 72 0.106279180 -0.4569194 -0.74054968  
## 73 -0.064159118 -0.9214377 -0.92801395  
## 74 -0.066985016 -0.9789231 -0.98440393  
## 75 -0.069935123 -0.9845120 -0.98667782  
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## 79 -0.142133640 -0.3457161 -0.48674954  
## 80 -0.089260236 -0.2498919 -0.45374418  
## 81 -0.231554790 -0.2642317 -0.42467650  
## 82 -0.269671590 -0.1020531 -0.24344225  
## 83 0.136450720 -0.1290674 -0.19010724  
## 84 0.238770620 -0.2875010 -0.29241241  
## 85 -0.010926571 -0.2418950 -0.36814485  
## 86 -0.208081940 -0.2069462 -0.34268862  
## 87 0.190770190 -0.2890267 -0.49804596  
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## 89 -0.250617440 -0.2529335 -0.46293500  
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## 93 -0.067837338 -0.2756479 -0.31532794  
## 94 -0.147674750 -0.2343417 -0.32301273  
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## 104 -0.044852940 -0.1532874 -0.21289807  
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## 107 -0.124743050 -0.1988336 -0.32634804  
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## 112 0.124921730 -0.1767196 -0.24802649  
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## 114 -0.228089930 -0.2391981 -0.32726353  
## 115 -0.019403398 -0.1723820 -0.29843382  
## 116 0.039482138 -0.1735095 -0.31881260  
## 117 -0.145968980 -0.2261391 -0.33818770  
## 118 -0.075808703 -0.2400915 -0.39331447  
## 119 0.157938730 -0.2849432 -0.40216183  
## 120 0.044084842 -0.3586263 -0.39934145  
## 121 -0.443601930 -0.3091017 -0.43815967  
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## 124 0.185084090 -0.2674953 -0.40418392  
## 125 -0.229097730 -0.2933135 -0.36245680  
## 126 0.025862246 -0.4573219 -0.48743110  
## 127 -0.122444910 -0.5149260 -0.22645512  
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## 129 -0.017391151 -0.4331476 -0.29295959  
## 130 -0.019976938 -0.4866870 -0.39743699  
## 131 -0.113145930 -0.4215252 -0.23197406  
## 132 -0.039105794 -0.4584449 -0.23991094  
## 133 -0.093312803 -0.6108447 -0.38975997  
## 134 -0.131867240 -0.6272504 -0.31021650  
## 135 -0.142809770 -0.5404718 -0.03819442  
## 136 0.178861280 -0.5654021 -0.14086785  
## 137 0.032110404 -0.4960500 -0.07657366  
## 138 -0.368073380 -0.5257392 -0.11384903  
## 139 0.246018530 -0.5345238 -0.08739357  
## 140 -0.067965243 -0.3766814 -0.14064585  
## 141 -0.113443760 -0.4191693 -0.26736555  
## 142 0.123902200 -0.5844140 -0.33665927  
## 143 0.279629520 -0.4372675 -0.37838102  
## 144 0.208651470 -0.4242312 -0.33771249  
## 145 -0.536633640 -0.3733375 -0.22228692  
## 146 0.002792312 -0.3597814 -0.09207739  
## 147 0.103704040 -0.4411178 -0.27289108  
## 148 -0.320791960 -0.4591279 -0.32799436  
## 149 0.064717759 -0.5564673 -0.28796903  
## 150 -0.044116230 -0.6244111 -0.44551596  
## 151 -0.015072922 -0.6506394 -0.50593079  
## 152 0.137706080 -0.6976712 -0.53820256  
## 153 -0.153468460 -0.6345278 -0.59544474  
## 154 -0.373501140 -0.6159635 -0.57476215  
## 155 0.041695922 -0.6577584 -0.57872166  
## 156 0.134011030 -0.6741488 -0.61041550  
## 157 -0.076358357 -0.6350464 -0.51669560  
## 158 0.026084993 -0.6113833 -0.51329986  
## 159 -0.085348317 -0.5809312 -0.58654269  
## 160 -0.170624330 -0.5680580 -0.57778733  
## 161 0.030606459 -0.5710959 -0.56949902  
## 162 0.078780625 -0.6184621 -0.59734456  
## 163 -0.150174040 -0.6591855 -0.66854164  
## 164 -0.095476592 -0.6533521 -0.62504664  
## 165 0.013531911 -0.7144402 -0.65577620  
## 166 0.017607186 -0.7304566 -0.68538628  
## 167 -0.209087860 -0.6714688 -0.67161543  
## 168 0.114463560 -0.6746535 -0.69792143  
## 169 -0.065120127 -0.5903639 -0.65031220  
## 170 -0.056539581 -0.5498630 -0.63630922  
## 171 0.024876553 -0.5818544 -0.68132758  
## 172 -0.096833741 -0.6015045 -0.67144443  
## 173 -0.102073810 -0.6135785 -0.67500962  
## 174 0.005079964 -0.6076437 -0.65713351  
## 175 -0.033759713 -0.6606369 -0.68427635  
## 176 -0.156027480 -0.6702024 -0.68563707  
## 177 -0.001072615 -0.9866346 -0.98579173  
## tBodyGyroJerk-std()-Z tBodyGyroJerk-mad()-X tBodyGyroJerk-mad()-Y  
## 1 -0.992055280 -0.9921648 -0.9949416  
## 2 -0.993851000 -0.9898762 -0.9974917  
## 3 -0.991531840 -0.9878680 -0.9957250  
## 4 -0.993328890 -0.9912405 -0.9969579  
## 5 -0.994510990 -0.9928823 -0.9965406  
## 6 -0.993090590 -0.9930196 -0.9960382  
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## 8 -0.990738590 -0.9910476 -0.9959429  
## 9 -0.993956340 -0.9925746 -0.9968531  
## 10 -0.984399560 -0.9835479 -0.9935663  
## 11 -0.984762180 -0.9870704 -0.9941192  
## 12 -0.996550310 -0.9955327 -0.9977407  
## 13 -0.997893140 -0.9959607 -0.9988115  
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## 15 -0.989837330 -0.9861202 -0.9932122  
## 16 -0.996676600 -0.9941909 -0.9967257  
## 17 -0.994961750 -0.9951174 -0.9969149  
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## 20 -0.997157520 -0.9959967 -0.9992397  
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## 31 -0.858535610 -0.9193004 -0.9173462  
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## 86 -0.343877530 -0.1844495 -0.3684405  
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## 124 -0.461915000 -0.2330740 -0.4139156  
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## 126 -0.314338350 -0.4705641 -0.4995432  
## 127 -0.438560190 -0.5110603 -0.3384719  
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## 129 -0.327865250 -0.4005687 -0.3319657  
## 130 -0.323980700 -0.4956711 -0.3736380  
## 131 -0.169623620 -0.4588083 -0.2367354  
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## 134 -0.370330230 -0.6074243 -0.3543147  
## 135 -0.190669350 -0.5264443 -0.1648145  
## 136 -0.194960620 -0.5533468 -0.2191834  
## 137 -0.145966850 -0.4903856 -0.1956802  
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## 139 -0.050008326 -0.5734576 -0.1509476  
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## 141 -0.341496950 -0.4274977 -0.2685771  
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## 145 -0.242907640 -0.4032859 -0.2705658  
## 146 -0.193995090 -0.3518053 -0.1456952  
## 147 -0.339498250 -0.4401665 -0.3294304  
## 148 -0.436991400 -0.4666731 -0.3631097  
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## 154 -0.568777000 -0.5972264 -0.5955238  
## 155 -0.554804600 -0.6538084 -0.6026281  
## 156 -0.628747990 -0.6728040 -0.6225006  
## 157 -0.649327380 -0.6169851 -0.5312991  
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## 162 -0.556483190 -0.5895072 -0.6021511  
## 163 -0.685173020 -0.6475615 -0.6693389  
## 164 -0.645029490 -0.6343510 -0.6317730  
## 165 -0.619427290 -0.7044099 -0.6609971  
## 166 -0.647969830 -0.7193670 -0.6888651  
## 167 -0.739901020 -0.6569363 -0.6749108  
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## 172 -0.647377360 -0.5977870 -0.6760870  
## 173 -0.667443910 -0.6028641 -0.6904149  
## 174 -0.585433950 -0.5978816 -0.6635601  
## 175 -0.576147950 -0.6580846 -0.6935147  
## 176 -0.579561130 -0.6806862 -0.7064862  
## 177 -0.989795950 -0.9857065 -0.9886162  
## tBodyGyroJerk-mad()-Z tBodyGyroJerk-max()-X tBodyGyroJerk-max()-Y  
## 1 -0.99261905 -0.99015585 -0.986742770  
## 2 -0.99377834 -0.99194685 -0.997717140  
## 3 -0.99159633 -0.99335904 -0.993800220  
## 4 -0.99401945 -0.99367632 -0.993800220  
## 5 -0.99438301 -0.97984554 -0.997509350  
## 6 -0.99263396 -0.97984554 -0.997509350  
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## 9 -0.99385425 -0.98991960 -0.997381210  
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## 36 -0.99684238 -0.99923195 -0.995434370  
## 37 -0.99510985 -0.99842439 -0.995434370  
## 38 -0.99445355 -0.99842439 -0.996097560  
## 39 -0.99259643 -0.99102338 -0.991449870  
## 40 -0.99661824 -0.99666683 -0.993164800  
## 41 -0.99626180 -0.99666683 -0.995244720  
## 42 -0.99768885 -0.99624574 -0.995244720  
## 43 -0.99684044 -0.99624574 -0.996863260  
## 44 -0.99547186 -0.99759525 -0.996863260  
## 45 -0.99471093 -0.99782712 -0.994869220  
## 46 -0.99466962 -0.99782712 -0.994869220  
## 47 -0.99542140 -0.99778378 -0.996856780  
## 48 -0.99482152 -0.99778378 -0.996182960  
## 49 -0.99388396 -0.99802213 -0.996182960  
## 50 -0.99427012 -0.99802213 -0.997240180  
## 51 -0.99495670 -0.99574293 -0.996706090  
## 52 -0.98164975 -0.96195428 -0.947281330  
## 53 -0.99755348 -0.99869637 -0.997929730  
## 54 -0.99415155 -0.99867475 -0.998267770  
## 55 -0.99487366 -0.99867475 -0.997764420  
## 56 -0.99761124 -0.99863760 -0.996975810  
## 57 -0.99707612 -0.99863760 -0.996975810  
## 58 -0.99685632 -0.99864967 -0.996243820  
## 59 -0.99681687 -0.99864967 -0.996243820  
## 60 -0.99561074 -0.99950173 -0.999213010  
## 61 -0.99502785 -0.99950173 -0.998716050  
## 62 -0.99653875 -0.99441892 -0.998480420  
## 63 -0.99661368 -0.99441892 -0.998480420  
## 64 -0.99567922 -0.99963995 -0.996806570  
## 65 -0.95364705 -0.90432989 -0.933630620  
## 66 -0.99058683 -0.97839979 -0.982338840  
## 67 -0.86787954 -0.27510694 -0.890389950  
## 68 -0.84284860 -0.27510694 -0.890389950  
## 69 -0.96147431 -0.91583205 -0.972488710  
## 70 -0.88277093 -0.87290512 -0.903503120  
## 71 -0.73542326 -0.13804501 -0.803773600  
## 72 -0.81301640 -0.13804501 -0.803773600  
## 73 -0.96586583 -0.87268051 -0.915599360  
## 74 -0.99116268 -0.98136486 -0.986469100  
## 75 -0.99409185 -0.98136486 -0.986469100  
## 76 -0.99597702 -0.99705102 -0.996898550  
## 77 -0.99684973 -0.99244435 -0.997063450  
## 78 -0.99717009 -0.99244435 -0.996628840  
## 79 -0.43231831 -0.32766917 -0.521465040  
## 80 -0.37798102 -0.32766917 -0.478149410  
## 81 -0.35725145 -0.44080224 -0.439699910  
## 82 -0.32351594 0.03279736 -0.271721960  
## 83 -0.41872155 0.03279736 -0.271721960  
## 84 -0.45779956 -0.35604965 -0.340269080  
## 85 -0.41070197 -0.33049895 -0.387823830  
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## 87 -0.54105951 -0.26182559 -0.480856650  
## 88 -0.40463794 -0.26182559 -0.480856650  
## 89 -0.36212296 -0.36403130 -0.557386030  
## 90 -0.34520137 -0.36403130 -0.532560040  
## 91 -0.32818785 -0.29224755 -0.532560040  
## 92 -0.33611331 -0.22079167 -0.538264790  
## 93 -0.26901760 -0.22079167 -0.538264790  
## 94 -0.25332918 -0.20224181 -0.239616790  
## 95 -0.32486429 -0.20224181 -0.239616790  
## 96 -0.36456830 -0.22153271 -0.318653770  
## 97 -0.35804981 -0.22153271 -0.318653770  
## 98 -0.43351477 -0.40396040 -0.462814630  
## 99 -0.29526597 -0.41563283 -0.239518960  
## 100 -0.32818448 -0.41395184 -0.543529920  
## 101 -0.37123310 -0.15511209 -0.430717270  
## 102 -0.29222147 -0.15511209 -0.359729890  
## 103 -0.36550491 -0.23643213 -0.359729890  
## 104 -0.41075275 -0.22512760 -0.202357430  
## 105 -0.42918621 -0.22512760 -0.202357430  
## 106 -0.42789744 -0.37867669 -0.532980530  
## 107 -0.36582351 -0.37867669 -0.439948200  
## 108 -0.29548768 -0.45533971 -0.439948200  
## 109 -0.28903697 -0.22266401 -0.573301600  
## 110 -0.39453465 -0.19161998 -0.161560250  
## 111 -0.44359609 -0.19161998 -0.161560250  
## 112 -0.37360649 -0.23939215 -0.457845480  
## 113 -0.42995827 -0.31300030 -0.561781670  
## 114 -0.45300855 -0.33816270 -0.273486620  
## 115 -0.46766475 -0.36257238 -0.273486620  
## 116 -0.42272938 -0.37803139 -0.299079400  
## 117 -0.33998167 -0.43038483 -0.299079400  
## 118 -0.37435070 -0.43038483 -0.571241040  
## 119 -0.46273468 -0.34794564 -0.287832370  
## 120 -0.45558285 -0.34794564 -0.287832370  
## 121 -0.50218374 -0.29647716 -0.391368570  
## 122 -0.48834372 -0.29647716 -0.416846010  
## 123 -0.39606739 -0.46216283 -0.563252770  
## 124 -0.41685273 -0.34936791 -0.530972050  
## 125 -0.44629189 -0.20903621 -0.182435440  
## 126 -0.40686320 -0.43997842 -0.588431090  
## 127 -0.43315687 -0.51557127 -0.303411880  
## 128 -0.35919939 -0.62470853 -0.303411880  
## 129 -0.34339730 -0.47498388 -0.494993850  
## 130 -0.28988410 -0.47498388 -0.572119970  
## 131 -0.18891223 -0.43986942 -0.443864020  
## 132 -0.22443478 -0.43986942 -0.443864020  
## 133 -0.29209927 -0.63959542 -0.565906340  
## 134 -0.33851558 -0.63959542 -0.432514970  
## 135 -0.19696626 -0.59267131 0.003751782  
## 136 -0.22637525 -0.59267131 -0.296647270  
## 137 -0.15115989 -0.62013457 -0.296647270  
## 138 -0.03400716 -0.62013457 -0.448215500  
## 139 -0.06463025 -0.55329001 0.088936425  
## 140 -0.27566821 -0.26791673 0.088936425  
## 141 -0.32334952 -0.26791673 -0.284353940  
## 142 -0.29500887 -0.47487536 -0.284353940  
## 143 -0.28807472 -0.34998454 -0.591721590  
## 144 -0.31584031 -0.34998454 -0.591721590  
## 145 -0.25556913 -0.43253337 -0.430713360  
## 146 -0.18429635 -0.43253337 -0.391703900  
## 147 -0.32616195 -0.57983743 -0.391703900  
## 148 -0.42429734 -0.59507146 -0.435362280  
## 149 -0.35470745 -0.59507146 -0.435362280  
## 150 -0.28647963 -0.71136436 -0.632688070  
## 151 -0.68039391 -0.49517573 -0.574783800  
## 152 -0.67992902 -0.69545642 -0.659000930  
## 153 -0.66909528 -0.58751663 -0.596308020  
## 154 -0.57605795 -0.58751663 -0.596308020  
## 155 -0.56894722 -0.70710542 -0.600154870  
## 156 -0.65004838 -0.81010254 -0.702515430  
## 157 -0.66357675 -0.72313863 -0.679703760  
## 158 -0.66163804 -0.71154514 -0.634443510  
## 159 -0.63502167 -0.70058461 -0.634968270  
## 160 -0.63345046 -0.70058461 -0.634968270  
## 161 -0.49440204 -0.60614434 -0.603954080  
## 162 -0.58240047 -0.60614434 -0.603954080  
## 163 -0.68506081 -0.64353338 -0.745267370  
## 164 -0.63601300 -0.64353338 -0.745267370  
## 165 -0.59717368 -0.74808262 -0.774100810  
## 166 -0.63481558 -0.73686051 -0.645034780  
## 167 -0.74583480 -0.70229321 -0.645034780  
## 168 -0.65761668 -0.65163213 -0.706286350  
## 169 -0.61831536 -0.50721658 -0.692084960  
## 170 -0.57720833 -0.50721658 -0.692084960  
## 171 -0.60054270 -0.55456258 -0.740116410  
## 172 -0.64940899 -0.60640552 -0.740116410  
## 173 -0.66922020 -0.63679212 -0.832082330  
## 174 -0.58705469 -0.63679212 -0.811621540  
## 175 -0.56654978 -0.69601858 -0.763225620  
## 176 -0.57348456 -0.61463732 -0.693752160  
## 177 -0.98943785 -0.98495860 -0.978524610  
## tBodyGyroJerk-max()-Z tBodyGyroJerk-min()-X tBodyGyroJerk-min()-Y  
## 1 -0.99204155 0.9944288 0.99175581  
## 2 -0.99492085 0.9904860 0.99712219  
## 3 -0.98896309 0.9892905 0.99712219  
## 4 -0.98896309 0.9892905 0.99813033  
## 5 -0.99341985 0.9936848 0.99745314  
## 6 -0.99341985 0.9938443 0.99745314  
## 7 -0.99197796 0.9924061 0.99657686  
## 8 -0.99197796 0.9924061 0.99657686  
## 9 -0.99604625 0.9923928 0.99443314  
## 10 -0.97955372 0.9892216 0.99443314  
## 11 -0.97955372 0.9892216 0.99488906  
## 12 -0.99285086 0.9964246 0.99756624  
## 13 -0.99679079 0.9964246 0.99902394  
## 14 -0.99472660 0.9974849 0.99853798  
## 15 -0.97917768 0.9868978 0.99462905  
## 16 -0.99577474 0.9952240 0.99823913  
## 17 -0.98865701 0.9966597 0.99781159  
## 18 -0.98865701 0.9963766 0.99781159  
## 19 -0.99664438 0.9963766 0.99881033  
## 20 -0.99594573 0.9971459 0.99999475  
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## 22 -0.99536700 0.9950542 0.99923251  
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## 24 -0.99687031 0.9978154 0.99844816  
## 25 -0.99403951 0.9971994 0.99844816  
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## 27 -0.99479001 0.9962541 0.99880259  
## 28 -0.94540482 0.9822560 0.98133991  
## 29 -0.99447940 0.9973716 0.99917934  
## 30 -0.99828675 0.9974419 0.99894712  
## 31 -0.82526842 0.9105935 0.92114238  
## 32 -0.82526842 0.9105935 0.92114238  
## 33 -0.92036362 0.9356434 0.96946471  
## 34 -0.98924934 0.9913570 0.98997344  
## 35 -0.99265749 0.9992361 0.99463727  
## 36 -0.99638971 0.9992361 0.99397606  
## 37 -0.99530146 0.9979276 0.99397606  
## 38 -0.99308938 0.9978253 0.99435224  
## 39 -0.98918669 0.9918112 0.99554754  
## 40 -0.99148302 0.9999076 0.99554754  
## 41 -0.99148302 0.9991548 0.99694504  
## 42 -0.99671399 0.9974001 0.99632888  
## 43 -0.99671399 0.9974001 0.99632888  
## 44 -0.99295004 0.9988893 0.99772379  
## 45 -0.99295004 0.9983107 0.99716972  
## 46 -0.99570436 0.9983107 0.99716972  
## 47 -0.99570436 0.9984337 0.99736370  
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## 51 -0.99380668 0.9971294 0.99696255  
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## 53 -0.99770453 0.9975907 0.99793005  
## 54 -0.99610118 0.9985049 0.99938887  
## 55 -0.99581698 0.9989517 0.99927030  
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## 60 -0.99396928 0.9986095 0.99946736  
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## 65 -0.88106200 0.9326700 0.95898501  
## 66 -0.99119340 0.9903190 0.99229315  
## 67 -0.73491917 0.5860212 0.90385502  
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## 69 -0.96291421 0.8306195 0.97342055  
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## 79 -0.42609092 0.3022580 0.51564168  
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## 81 -0.45690660 0.3898230 0.53664511  
## 82 -0.39490331 0.3743732 0.53664511  
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## 84 -0.47122301 0.5265640 0.58227221  
## 85 -0.43731657 0.4513479 0.62738914  
## 86 -0.33705498 0.4513479 0.61183275  
## 87 -0.58398099 0.3126711 0.53601577  
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## 90 -0.41184708 0.3995681 0.49239838  
## 91 -0.59553449 0.4515023 0.45200573  
## 92 -0.48462688 0.4248481 0.35342390  
## 93 -0.32725612 0.4248481 0.35342390  
## 94 -0.32725612 0.3791644 0.52454729  
## 95 -0.45166758 0.3791644 0.47263265  
## 96 -0.46231351 0.4300502 0.41928482  
## 97 -0.42047260 0.4258570 0.23805402  
## 98 -0.41487103 0.4258570 0.23805402  
## 99 -0.27581591 0.4206894 0.63327458  
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## 101 -0.21923974 0.4290011 0.42710936  
## 102 -0.21923974 0.3679538 0.28230632  
## 103 -0.49771166 0.3679538 0.28230632  
## 104 -0.59692231 0.4250177 0.43972586  
## 105 -0.61172398 0.4250177 0.43972586  
## 106 -0.53104838 0.4681387 0.55271381  
## 107 -0.39481439 0.4058061 0.52612899  
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## 109 -0.42251908 0.3196683 0.46203281  
## 110 -0.50648154 0.3196683 0.46203281  
## 111 -0.50648154 0.4795303 0.62002984  
## 112 -0.41848943 0.3175776 0.43173647  
## 113 -0.67330925 0.3175776 0.43173647  
## 114 -0.67621377 0.4586163 0.57408561  
## 115 -0.69193864 0.2982188 0.55285838  
## 116 -0.44391047 0.2982188 0.53114400  
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## 124 -0.53270141 0.4741895 0.59940597  
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## 126 -0.03927925 0.4854241 0.62257779  
## 127 -0.37828761 0.6253232 0.04397555  
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## 129 -0.38531464 0.5404764 0.40687408  
## 130 -0.46571978 0.3744222 0.57920397  
## 131 -0.08022678 0.3744222 0.41707949  
## 132 -0.07598710 0.5052332 0.41707949  
## 133 -0.07598710 0.6749347 0.48434703  
## 134 -0.44346836 0.6749347 0.33815927  
## 135 -0.06569725 0.6599382 0.05544506  
## 136 -0.06569725 0.6599382 0.05750544  
## 137 -0.18959599 0.3874435 -0.05255551  
## 138 0.12471813 0.3874435 -0.05255551  
## 139 0.12471813 0.3771142 0.16766087  
## 140 -0.22173325 0.3771142 0.16766087  
## 141 -0.23898066 0.5698524 0.58897034  
## 142 -0.23898066 0.6910226 0.63934409  
## 143 -0.34952047 0.4977504 0.55784599  
## 144 -0.34952047 0.3092380 0.55784599  
## 145 -0.05958872 0.3092380 0.14748819  
## 146 -0.05958872 0.4400284 0.14748819  
## 147 -0.29678667 0.3121911 0.25057436  
## 148 -0.49828129 0.3121911 0.40218957  
## 149 -0.33245634 0.6463774 0.40218957  
## 150 -0.33245634 0.7134117 0.54204381  
## 151 -0.45163033 0.7233792 0.67373798  
## 152 -0.45163033 0.7292025 0.67373798  
## 153 -0.62795309 0.7292025 0.78162327  
## 154 -0.50537677 0.7623947 0.77640385  
## 155 -0.42867032 0.6450155 0.62807383  
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## 157 -0.62613461 0.5929692 0.62285990  
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## 159 -0.72112720 0.7415315 0.76052051  
## 160 -0.65419653 0.5900927 0.76052051  
## 161 -0.63088664 0.5900927 0.76279005  
## 162 -0.63088664 0.7261791 0.77171696  
## 163 -0.74573224 0.7261791 0.75309078  
## 164 -0.74573224 0.7453419 0.68220189  
## 165 -0.69510098 0.7453419 0.68220189  
## 166 -0.69510098 0.8032066 0.75655974  
## 167 -0.73531327 0.7166646 0.75655974  
## 168 -0.64153797 0.7978408 0.84143119  
## 169 -0.59817665 0.6258547 0.65911319  
## 170 -0.59817665 0.6258547 0.65911319  
## 171 -0.61269161 0.6849377 0.77433499  
## 172 -0.61269161 0.6386719 0.76943503  
## 173 -0.69175391 0.6386719 0.62862361  
## 174 -0.58529605 0.7086293 0.62862361  
## 175 -0.58529605 0.7086293 0.75760531  
## 176 -0.63650551 0.7359578 0.79909098  
## 177 -0.98409934 0.9874052 0.98432966  
## tBodyGyroJerk-min()-Z tBodyGyroJerk-sma() tBodyGyroJerk-energy()-X  
## 1 0.9893519 -0.9944534 -0.9999375  
## 2 0.9945031 -0.9952984 -0.9999077  
## 3 0.9941426 -0.9934149 -0.9998871  
## 4 0.9941426 -0.9954961 -0.9999251  
## 5 0.9965279 -0.9958778 -0.9999280  
## 6 0.9965279 -0.9952321 -0.9999316  
## 7 0.9954176 -0.9935554 -0.9999161  
## 8 0.9954176 -0.9940795 -0.9999250  
## 9 0.9958928 -0.9957653 -0.9999411  
## 10 0.9868988 -0.9898501 -0.9998070  
## 11 0.9868988 -0.9913272 -0.9998450  
## 12 0.9955390 -0.9977860 -0.9999737  
## 13 0.9984978 -0.9986118 -0.9999763  
## 14 0.9983493 -0.9982931 -0.9999870  
## 15 0.9968916 -0.9912664 -0.9998208  
## 16 0.9983023 -0.9966658 -0.9999654  
## 17 0.9970754 -0.9967769 -0.9999731  
## 18 0.9958695 -0.9968760 -0.9999794  
## 19 0.9958695 -0.9980120 -0.9999773  
## 20 0.9979605 -0.9986763 -0.9999809  
## 21 0.9975391 -0.9984150 -0.9999850  
## 22 0.9975391 -0.9981590 -0.9999812  
## 23 0.9979318 -0.9985113 -0.9999857  
## 24 0.9955015 -0.9983173 -0.9999888  
## 25 0.9955015 -0.9974402 -0.9999830  
## 26 0.9973390 -0.9972134 -0.9999740  
## 27 0.9948080 -0.9971979 -0.9999714  
## 28 0.9935950 -0.9903219 -0.9998303  
## 29 0.9965408 -0.9980141 -0.9999837  
## 30 0.9982335 -0.9988150 -0.9999904  
## 31 0.8810457 -0.9147884 -0.9939245  
## 32 0.8810457 -0.8873061 -0.9931096  
## 33 0.9287252 -0.9677574 -0.9991606  
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## 67 0.8677784 -0.8708735 -0.9210521  
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## 126 0.3676124 -0.4694712 -0.8511695  
## 127 0.6403700 -0.4051838 -0.8808854  
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## 131 0.1695219 -0.2842301 -0.8310064  
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## 136 0.5421800 -0.3102355 -0.9041025  
## 137 0.3618250 -0.2649241 -0.8715048  
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## 139 0.4208609 -0.2428187 -0.8878634  
## 140 0.4805248 -0.2873367 -0.8039437  
## 141 0.6440670 -0.3218749 -0.8271798  
## 142 0.5231172 -0.3855408 -0.9121964  
## 143 0.5496996 -0.3761639 -0.8399626  
## 144 0.5496996 -0.3537371 -0.8321494  
## 145 0.4201179 -0.3012873 -0.8018430  
## 146 0.4201179 -0.2086876 -0.7928919  
## 147 0.5525542 -0.3567270 -0.8421112  
## 148 0.5525542 -0.4026367 -0.8520878  
## 149 0.5045003 -0.3802650 -0.8998437  
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## 151 0.7622604 -0.5860524 -0.9377503  
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## 153 0.7053625 -0.6216980 -0.9318393  
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## 155 0.7499209 -0.6063805 -0.9402606  
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## 157 0.7314699 -0.5840930 -0.9321050  
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## 159 0.7847106 -0.5794053 -0.9107921  
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## 161 0.5871215 -0.5435795 -0.9066037  
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## 163 0.7555258 -0.6653165 -0.9403881  
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## 165 0.7847692 -0.6563268 -0.9577387  
## 166 0.7847692 -0.6834615 -0.9627280  
## 167 0.8045944 -0.6852336 -0.9446786  
## 168 0.6754092 -0.6727491 -0.9458542  
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## 170 0.6807450 -0.6193363 -0.8972963  
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## 172 0.7795624 -0.6484287 -0.9193194  
## 173 0.7513854 -0.6609270 -0.9240853  
## 174 0.7235974 -0.6270163 -0.9214623  
## 175 0.7235974 -0.6545596 -0.9412898  
## 176 0.6963594 -0.6698919 -0.9441653  
## 177 0.9935704 -0.9886282 -0.9998570  
## tBodyGyroJerk-energy()-Y tBodyGyroJerk-energy()-Z tBodyGyroJerk-iqr()-X  
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## 2 -0.9999897 -0.9999459 -0.99074179  
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## 4 -0.9999862 -0.9999396 -0.99090865  
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## 118 -0.8149312 -0.8061492 -0.31878306  
## 119 -0.8202463 -0.8729393 -0.41185407  
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## 140 -0.6294855 -0.7521980 -0.52415813  
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## 176 -0.9499487 -0.9096835 -0.73339544  
## 177 -0.9998631 -0.9998809 -0.98327012  
## tBodyGyroJerk-iqr()-Y tBodyGyroJerk-iqr()-Z tBodyGyroJerk-entropy()-X  
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## 39 -0.9949337 -0.9940073 -0.57320200  
## 40 -0.9955096 -0.9962544 -0.66860959  
## 41 -0.9963309 -0.9958981 -0.69797019  
## 42 -0.9966698 -0.9973623 -0.73108763  
## 43 -0.9958979 -0.9965572 -0.80547794  
## 44 -0.9957145 -0.9954894 -0.93000492  
## 45 -0.9957698 -0.9946263 -0.87355610  
## 46 -0.9965715 -0.9932535 -0.79463707  
## 47 -0.9969419 -0.9946679 -0.81822431  
## 48 -0.9970382 -0.9938269 -0.84442011  
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## 50 -0.9969609 -0.9939022 -0.83538000  
## 51 -0.9963495 -0.9950960 -0.79186853  
## 52 -0.9918291 -0.9920622 -0.44985567  
## 53 -0.9970135 -0.9973710 -0.81008570  
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## 55 -0.9977144 -0.9953024 -0.81822431  
## 56 -0.9975202 -0.9982816 -0.88399635  
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## 59 -0.9981567 -0.9968042 -0.91780782  
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## 64 -0.9970632 -0.9950205 -0.93000492  
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## 66 -0.9873391 -0.9911287 -0.72043003  
## 67 -0.9700365 -0.9744885 -0.04629660  
## 68 -0.9080283 -0.8884896 0.44568592  
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## 70 -0.9592934 -0.9360927 -0.06636707  
## 71 -0.7780686 -0.7637335 0.23659732  
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## 80 -0.5711718 -0.3799361 0.71957445  
## 81 -0.4946297 -0.4064064 0.79423450  
## 82 -0.3191343 -0.3848310 0.62654775  
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## 87 -0.5496905 -0.5055503 0.64361994  
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## 89 -0.5392348 -0.3255062 0.70992802  
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## 94 -0.3520890 -0.2525590 0.53006842  
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## 98 -0.3305618 -0.5543322 0.65092125  
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## 100 -0.3914969 -0.3076129 0.65881889  
## 101 -0.4010756 -0.4058911 0.50980570  
## 102 -0.2753034 -0.3728846 0.54366934  
## 103 -0.2778288 -0.4189239 0.60643348  
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## 105 -0.3766293 -0.3606796 0.68302383  
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## 108 -0.4291244 -0.4193127 0.63109323  
## 109 -0.3358832 -0.3565478 0.53182256  
## 110 -0.2941629 -0.4397762 0.56653944  
## 111 -0.3461430 -0.5149216 0.63936072  
## 112 -0.3693868 -0.3193640 0.55468504  
## 113 -0.4115826 -0.3269933 0.50429404  
## 114 -0.3086934 -0.4155290 0.62654775  
## 115 -0.3258865 -0.4288552 0.75153549  
## 116 -0.3485487 -0.4209944 0.69493108  
## 117 -0.4274064 -0.3918909 0.58018805  
## 118 -0.4540831 -0.4061451 0.61924645  
## 119 -0.5101886 -0.4411907 0.63384906  
## 120 -0.4564849 -0.4663992 0.65345404  
## 121 -0.4803232 -0.5598256 0.65503979  
## 122 -0.5165093 -0.5428272 0.66663158  
## 123 -0.4807397 -0.4217947 0.63384906  
## 124 -0.4608734 -0.3751624 0.60711343  
## 125 -0.5057591 -0.4276290 0.60711343  
## 126 -0.4799214 -0.4995591 0.49351878  
## 127 -0.4714377 -0.4667001 0.47435536  
## 128 -0.3573318 -0.4506690 0.45952003  
## 129 -0.3693059 -0.4574007 0.67296670  
## 130 -0.3718291 -0.2644873 0.66512424  
## 131 -0.3130670 -0.2378865 0.54547117  
## 132 -0.3996541 -0.4078536 0.65069821  
## 133 -0.4280057 -0.3844106 0.55334277  
## 134 -0.4414400 -0.3287290 0.43654104  
## 135 -0.3364168 -0.2020061 0.64009993  
## 136 -0.3093237 -0.3147440 0.49445635  
## 137 -0.3167040 -0.1865107 0.58245368  
## 138 -0.2050588 -0.1693921 0.69179872  
## 139 -0.2488512 -0.1141771 0.22528165  
## 140 -0.3537529 -0.2808804 0.40072868  
## 141 -0.2320108 -0.3310704 0.64197184  
## 142 -0.3018753 -0.3072444 0.48430491  
## 143 -0.3126652 -0.2974639 0.77060845  
## 144 -0.2850349 -0.4033948 0.59728806  
## 145 -0.3652883 -0.3358176 0.66111992  
## 146 -0.2545939 -0.1687996 0.57467639  
## 147 -0.4016306 -0.3559218 0.57515238  
## 148 -0.3941594 -0.4146626 0.66609043  
## 149 -0.3529976 -0.3915840 0.59540819  
## 150 -0.4886266 -0.3394966 0.61464650  
## 151 -0.4985491 -0.7100153 0.33852334  
## 152 -0.5470319 -0.7198676 0.39319210  
## 153 -0.6316844 -0.7120502 0.45329786  
## 154 -0.6504073 -0.6042640 0.51997579  
## 155 -0.6385377 -0.6140264 0.46610321  
## 156 -0.6289151 -0.6704223 0.48961263  
## 157 -0.5339510 -0.7003791 0.59407742  
## 158 -0.5571130 -0.7313976 0.51541119  
## 159 -0.5500224 -0.6257813 0.62961368  
## 160 -0.5575912 -0.6318355 0.65467522  
## 161 -0.5099878 -0.5179077 0.66989039  
## 162 -0.5893582 -0.6318968 0.60316837  
## 163 -0.6857873 -0.6771453 0.73134610  
## 164 -0.6454163 -0.6147258 0.45843733  
## 165 -0.6664422 -0.5830835 0.22644588  
## 166 -0.6817068 -0.6590258 0.49662768  
## 167 -0.6655403 -0.7690265 0.62089138  
## 168 -0.6946793 -0.6672926 0.46578175  
## 169 -0.7056785 -0.6533179 0.46890216  
## 170 -0.7134379 -0.6017454 0.46682133  
## 171 -0.6949814 -0.6364697 0.44197231  
## 172 -0.6923287 -0.6691231 0.48800712  
## 173 -0.6805829 -0.6916842 0.44927361  
## 174 -0.6819922 -0.6366755 0.36422216  
## 175 -0.7153098 -0.5708004 0.44148658  
## 176 -0.7379970 -0.5929355 0.45296878  
## 177 -0.9916350 -0.9902747 -0.47761835  
## tBodyGyroJerk-entropy()-Y tBodyGyroJerk-entropy()-Z  
## 1 -0.68845905 -0.57210686  
## 2 -0.74824724 -0.60893213  
## 3 -0.67295733 -0.58841044  
## 4 -0.73133214 -0.66143445  
## 5 -0.68309318 -0.63292721  
## 6 -0.68059049 -0.54189712  
## 7 -0.66607491 -0.49959526  
## 8 -0.66798651 -0.56541558  
## 9 -0.76525671 -0.68840598  
## 10 -0.55926549 -0.46244733  
## 11 -0.55926549 -0.48215253  
## 12 -0.79954780 -0.75811504  
## 13 -0.86976546 -0.79748966  
## 14 -0.82741747 -0.69551767  
## 15 -0.64118064 -0.38148945  
## 16 -0.76525671 -0.61888215  
## 17 -0.78065453 -0.62773070  
## 18 -0.79441256 -0.62283903  
## 19 -0.87806589 -0.73424522  
## 20 -0.91049251 -0.74130965  
## 21 -0.86636479 -0.69551767  
## 22 -0.87458441 -0.69845039  
## 23 -0.87458441 -0.69551767  
## 24 -0.83715581 -0.69205130  
## 25 -0.82003995 -0.62567501  
## 26 -0.78925481 -0.64538512  
## 27 -0.75063691 -0.67493629  
## 28 -0.55881560 -0.38181579  
## 29 -0.73064813 -0.76697230  
## 30 -0.74259173 -0.85816765  
## 31 -0.22562196 -0.27641826  
## 32 0.16641340 0.23512630  
## 33 -0.07737097 -0.10009125  
## 34 -0.35839636 -0.65840352  
## 35 -0.54100260 -0.74395672  
## 36 -0.60774142 -0.75811504  
## 37 -0.63884347 -0.68840598  
## 38 -0.62445851 -0.62109683  
## 39 -0.50507616 -0.37118670  
## 40 -0.63590760 -0.45440491  
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## 42 -0.63484893 -0.72752467  
## 43 -0.65008925 -0.72104379  
## 44 -0.67191552 -0.68299855  
## 45 -0.68993419 -0.68299855  
## 46 -0.70658528 -0.65652486  
## 47 -0.69549850 -0.68840598  
## 48 -0.71026959 -0.68154770  
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## 50 -0.69352383 -0.68001339  
## 51 -0.68811686 -0.69845039  
## 52 -0.26119397 -0.63927702  
## 53 -0.71121080 -0.92061236  
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## 57 -0.81240400 -0.70414354  
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## 67 0.17164829 -0.10799852  
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## 78 -0.61935224 -0.76254225  
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## 81 0.50171219 0.68495024  
## 82 0.62789555 0.69901170  
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## 91 0.50003848 0.66645470  
## 92 0.60911798 0.78482230  
## 93 0.78702475 0.75868576  
## 94 0.79941451 0.70510094  
## 95 0.54110037 0.65465828  
## 96 0.43134727 0.51941670  
## 97 0.56042014 0.54253682  
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## 99 0.54873632 0.63144302  
## 100 0.53038432 0.75621742  
## 101 0.41751630 0.71614717  
## 102 0.58006456 0.77174568  
## 103 0.67653642 0.65195945  
## 104 0.64979293 0.57675008  
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## 107 0.43458365 0.62863049  
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## 114 0.67947554 0.68454240  
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## 116 0.49695838 0.68509468  
## 117 0.59859989 0.62949111  
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## 119 0.60148203 0.55781199  
## 120 0.50767443 0.58016662  
## 121 0.35433140 0.42573642  
## 122 0.56513682 0.45090359  
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## 124 0.48644028 0.63209550  
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## 126 0.58621013 0.51904463  
## 127 0.76144799 0.57267885  
## 128 0.78589235 0.64137351  
## 129 0.68930746 0.58761816  
## 130 0.71001934 0.58001512  
## 131 0.66340646 0.56522731  
## 132 0.62722693 0.51017027  
## 133 0.68422935 0.56229950  
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## 144 0.78627363 0.64206744  
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## 146 0.71985127 0.72925166  
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## 151 0.60148203 0.57159131  
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## 153 0.47116838 0.46289203  
## 154 0.54986492 0.33434564  
## 155 0.35144926 0.53545736  
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## 159 0.54934711 0.63109276  
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## 163 0.52694910 0.54299760  
## 164 0.63009152 0.58869294  
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## 171 0.57813577 0.54471159  
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## 174 0.67799568 0.59843511  
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## 176 0.48742268 0.67671878  
## 177 -0.51422823 -0.40145485  
## tBodyGyroJerk-arCoeff()-X,1 tBodyGyroJerk-arCoeff()-X,2  
## 1 0.292376340 -0.361998020  
## 2 -0.193307570 -0.067406458  
## 3 -0.241150980 -0.011377283  
## 4 0.009894985 -0.137571470  
## 5 -0.025678521 -0.188139160  
## 6 -0.265496090 0.055804091  
## 7 0.009593592 -0.131075300  
## 8 0.075953007 -0.224295140  
## 9 0.086642266 -0.109513620  
## 10 -0.133233590 -0.024706337  
## 11 -0.197138820 0.009657765  
## 12 0.213457870 -0.091160697  
## 13 0.182419110 0.002061251  
## 14 0.136456110 -0.048112315  
## 15 -0.029870244 -0.156227930  
## 16 0.213704080 -0.175548570  
## 17 0.207623260 -0.131889640  
## 18 0.156718470 -0.130886130  
## 19 0.168669750 -0.248424530  
## 20 0.229967640 -0.232703710  
## 21 0.361649320 -0.173832170  
## 22 0.386883460 -0.106590150  
## 23 0.289748910 -0.067733904  
## 24 0.326642020 -0.113156520  
## 25 0.164930270 -0.005106808  
## 26 -0.048893029 -0.051458208  
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## 31 -0.290495660 -0.054030839  
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## 34 0.189509140 -0.184696340  
## 35 0.483111290 -0.102352920  
## 36 0.334474130 0.072286801  
## 37 0.450818290 -0.074086308  
## 38 0.477197270 -0.114639310  
## 39 0.308026790 -0.482510760  
## 40 -0.024447902 -0.131168130  
## 41 -0.036260178 -0.068205268  
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## 44 0.314753010 -0.104237010  
## 45 0.595893650 -0.087765785  
## 46 0.513310860 0.106929460  
## 47 0.268378050 0.168164550  
## 48 0.306174300 0.021199564  
## 49 0.519576800 -0.191014050  
## 50 0.551480000 -0.256866990  
## 51 0.295981140 -0.021656148  
## 52 0.011492413 -0.288772640  
## 53 0.245717930 -0.212358500  
## 54 0.194289510 0.051210206  
## 55 0.379034880 0.056717373  
## 56 0.429685300 0.030442609  
## 57 0.432976950 -0.104701380  
## 58 0.446681270 -0.159568600  
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## 79 -0.518213250 0.454758430  
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## 94 -0.377351430 0.318291060  
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## 96 -0.434934990 0.310062380  
## 97 -0.252194150 0.174235180  
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## 104 -0.231063080 0.179058430  
## 105 -0.243594640 0.151345470  
## 106 -0.375818230 0.237472020  
## 107 -0.389855060 0.346104570  
## 108 -0.172271040 -0.005718466  
## 109 -0.319960080 0.076097155  
## 110 -0.332252670 0.249795970  
## 111 -0.377128640 0.346351820  
## 112 -0.196110190 0.146524470  
## 113 -0.184854550 0.050773756  
## 114 -0.310490870 0.100095210  
## 115 -0.390402430 0.297330690  
## 116 -0.278593960 0.162009950  
## 117 -0.266160950 0.152127960  
## 118 -0.329169070 0.304232330  
## 119 -0.219182890 0.060813054  
## 120 -0.159080890 -0.049147360  
## 121 -0.244043830 0.028632741  
## 122 -0.117960980 -0.139694510  
## 123 -0.125224360 -0.084002447  
## 124 -0.273103850 0.044933147  
## 125 -0.295689790 0.129871120  
## 126 -0.148476870 0.200107220  
## 127 -0.108198850 0.106005340  
## 128 -0.348410900 0.204101080  
## 129 -0.251443310 0.084060624  
## 130 -0.208084110 0.105635430  
## 131 -0.222316930 0.214669370  
## 132 -0.060086228 0.030359713  
## 133 -0.020539518 -0.011798699  
## 134 -0.211351710 0.167087290  
## 135 -0.318140080 0.183878720  
## 136 -0.302095480 0.186195380  
## 137 -0.458565190 0.409535100  
## 138 -0.355064840 0.327307410  
## 139 -0.377921290 0.199649510  
## 140 -0.541974140 0.356270450  
## 141 -0.414188420 0.250118300  
## 142 -0.085903873 0.162968980  
## 143 -0.146187970 0.157987220  
## 144 -0.157143400 0.182156040  
## 145 -0.396594570 0.277315780  
## 146 -0.466420360 0.326949840  
## 147 -0.266150790 0.170675400  
## 148 -0.272179160 0.176641260  
## 149 -0.292451850 0.179538370  
## 150 -0.248698170 0.141936860  
## 151 -0.268485450 0.121902480  
## 152 -0.155331630 -0.057412194  
## 153 -0.261689420 0.054487908  
## 154 -0.394341650 0.166274960  
## 155 -0.394117940 0.129061580  
## 156 -0.217006740 -0.038092525  
## 157 -0.136821400 -0.044917715  
## 158 -0.251008150 0.114361350  
## 159 -0.187494660 -0.017902947  
## 160 -0.201723580 0.030935512  
## 161 -0.218907600 0.104167000  
## 162 -0.190918940 0.110528730  
## 163 -0.337165550 0.243689040  
## 164 -0.408399340 0.277164560  
## 165 -0.440254540 0.327949040  
## 166 -0.266328300 0.114564660  
## 167 -0.352740130 0.182740320  
## 168 -0.300952730 0.191152180  
## 169 -0.396481160 0.290487150  
## 170 -0.306922120 0.140940320  
## 171 -0.347980360 0.196642960  
## 172 -0.476659020 0.356740870  
## 173 -0.333255010 0.150927090  
## 174 -0.344281270 0.115518620  
## 175 -0.268921200 0.096970817  
## 176 -0.191552270 0.082226084  
## 177 0.612293440 -0.868083400  
## tBodyGyroJerk-arCoeff()-X,3 tBodyGyroJerk-arCoeff()-X,4  
## 1 0.4055426900 -0.0390069510  
## 2 0.1856190700 0.0415218110  
## 3 0.1161336300 0.0896298790  
## 4 0.1259651700 0.3161197000  
## 5 0.2309495700 0.2002583800  
## 6 -0.0456353260 0.2362762500  
## 7 0.1079137800 0.4165105400  
## 8 0.2377372300 0.3349742600  
## 9 0.2431568600 0.4608707600  
## 10 0.0001514843 0.4426286900  
## 11 -0.0654972900 0.3608675700  
## 12 0.2620830700 0.1463807000  
## 13 0.3352682800 0.2790814900  
## 14 0.3500781000 0.0860723960  
## 15 0.2768992000 -0.0098690263  
## 16 0.2635717300 0.0945860020  
## 17 0.2400657100 0.3869634800  
## 18 0.3032145400 0.3681561000  
## 19 0.2618766000 0.2203120100  
## 20 0.1318572300 0.1524167200  
## 21 0.3917040600 0.2278121500  
## 22 0.5546597600 0.3092624700  
## 23 0.5216522700 0.2828589000  
## 24 0.3172236300 0.5181384000  
## 25 0.1409367900 0.3065811800  
## 26 0.1129441200 0.0022817043  
## 27 0.2495988100 -0.0002587135  
## 28 -0.0359952990 0.6822312100  
## 29 0.3391737000 0.5038955300  
## 30 0.2218598300 0.4260899000  
## 31 0.2238646200 -0.2854838800  
## 32 0.2738159000 -0.3667721200  
## 33 0.6541307200 -0.6584603900  
## 34 0.2361983100 0.4759535300  
## 35 0.7266248600 0.4248624600  
## 36 0.4652510500 0.3661360500  
## 37 0.5538796400 0.2529934400  
## 38 0.5198176300 0.3976918200  
## 39 0.2459694200 0.0743598690  
## 40 -0.0296648430 -0.1612333200  
## 41 0.1789788500 -0.1391565000  
## 42 0.2490954200 0.0529736230  
## 43 0.2896429500 0.0564880910  
## 44 0.4127848900 0.0163562800  
## 45 0.5790684900 0.2186965500  
## 46 0.5369023400 0.2146627900  
## 47 0.3527252400 0.0561106550  
## 48 0.3876319200 0.0529009920  
## 49 0.5511199200 0.3008050900  
## 50 0.5449805400 0.2022138700  
## 51 0.3399979600 0.1851276200  
## 52 0.2507667400 -0.2211062200  
## 53 0.2734952300 0.2310013500  
## 54 0.1868716200 0.3974537400  
## 55 0.4089920700 0.1573218800  
## 56 0.4875716500 0.0992800710  
## 57 0.4732056900 0.2869919800  
## 58 0.4676137300 0.4874790400  
## 59 0.3730880500 0.3949923800  
## 60 0.2302071200 0.2458171000  
## 61 0.5304068700 0.3657627100  
## 62 0.4742972700 0.4537545200  
## 63 0.3357235700 0.4421967700  
## 64 0.4241480500 0.3505580000  
## 65 -0.0341436180 -0.6586325300  
## 66 0.2426532700 -0.1162864300  
## 67 -0.3828454500 0.3913258200  
## 68 -0.3246018300 0.3670387100  
## 69 -0.0416693090 0.0070230248  
## 70 -0.0615385300 -0.0703090860  
## 71 -0.2708181500 0.3830565900  
## 72 -0.2387776000 0.4869832500  
## 73 0.2553316100 -0.0328955940  
## 74 0.4286121000 -0.1297256300  
## 75 0.4561283500 -0.1254136400  
## 76 0.0891090720 0.2188107000  
## 77 0.1798019900 0.3868327100  
## 78 0.3740643200 0.2058698000  
## 79 -0.2839352100 0.5563338200  
## 80 0.2561622000 0.2488857200  
## 81 0.3372839600 0.1906035900  
## 82 -0.0783146240 0.3566691400  
## 83 0.2022270500 0.2968496200  
## 84 0.4281636300 0.2421255500  
## 85 0.3310359800 0.2749327400  
## 86 0.3675559500 0.3322787100  
## 87 0.3182494700 0.3253255000  
## 88 0.2335273100 0.5007453800  
## 89 0.1964704700 0.3984001300  
## 90 0.1048538400 0.2812001300  
## 91 -0.2877966500 0.5720188500  
## 92 -0.2175877100 0.5260163600  
## 93 -0.0612345870 0.4736648200  
## 94 -0.1012095000 0.5351001900  
## 95 0.0129029390 0.3908445900  
## 96 0.0150471830 0.3494545000  
## 97 0.1500139300 0.4432964100  
## 98 0.3254980800 0.2477394500  
## 99 -0.0248186680 0.4703259400  
## 100 0.0046695761 0.4694292100  
## 101 -0.0347654690 0.6656574200  
## 102 0.0435977820 0.6720670100  
## 103 0.1654993400 0.4544627400  
## 104 0.1581270100 0.3655195100  
## 105 0.2027111800 0.3173396600  
## 106 0.1036759700 0.2300621900  
## 107 -0.1342709400 0.5559108100  
## 108 0.2806085400 0.4819614900  
## 109 0.3350011700 0.1302705400  
## 110 0.1623094100 0.2505627100  
## 111 -0.0341817880 0.4357144900  
## 112 0.1035492600 0.5398617900  
## 113 0.2769121800 0.3422905500  
## 114 0.3638568800 0.0641665650  
## 115 0.0006661611 0.3841488400  
## 116 0.1505886000 0.3590599900  
## 117 0.2000885400 0.3026599800  
## 118 -0.0351450040 0.4679907500  
## 119 0.2430486400 0.3313401300  
## 120 0.4790720100 0.1824461200  
## 121 0.2962790200 0.3037087900  
## 122 0.5739999100 0.2053917800  
## 123 0.5620300500 0.1461278000  
## 124 0.2653824500 0.2356328000  
## 125 0.2654914000 0.2052593300  
## 126 0.2526420000 0.2086091400  
## 127 0.4130108700 0.1099072000  
## 128 0.2189549700 -0.1096321300  
## 129 0.2814465800 0.0553945730  
## 130 0.2361434800 0.2101256100  
## 131 0.1560952000 0.0863448680  
## 132 0.3619437000 0.0469399530  
## 133 0.4572187100 0.0399221700  
## 134 0.2435774500 0.0297176480  
## 135 0.2525209600 0.0259841550  
## 136 0.1602499600 0.0626586990  
## 137 -0.2052578100 0.2089809000  
## 138 -0.1417989100 0.3139743000  
## 139 0.0800756580 -0.1045730500  
## 140 -0.0083526111 0.0212239680  
## 141 -0.0181238570 0.2327415800  
## 142 0.1757627400 0.3056637100  
## 143 0.2678433500 0.3047007300  
## 144 0.2044206900 0.3478666900  
## 145 0.1735869900 0.0335390840  
## 146 0.1406759200 -0.0476144350  
## 147 0.0506268190 0.2394968000  
## 148 0.0527066230 0.1100783800  
## 149 0.1826486400 -0.1402280500  
## 150 0.3407010000 -0.1006839800  
## 151 0.1405037600 0.1492540400  
## 152 0.2065839000 0.2813895800  
## 153 0.2026780000 0.0894729110  
## 154 0.1507927100 -0.0462624230  
## 155 0.1140376600 0.1061512100  
## 156 0.2511171900 0.2319842800  
## 157 0.2443577400 0.2803095700  
## 158 0.2138656100 0.1300918500  
## 159 0.2174404500 0.3196033300  
## 160 0.2106897200 0.2549167200  
## 161 -0.0001392358 0.3855623700  
## 162 -0.0183662160 0.3596698100  
## 163 -0.1364706500 0.4221609000  
## 164 -0.1395434200 0.3828584600  
## 165 -0.0002760416 0.0559334470  
## 166 0.0722357900 0.2387659700  
## 167 -0.1147606200 0.4538089500  
## 168 -0.0162862290 0.3387926400  
## 169 -0.0425065620 0.2637530700  
## 170 0.0037374258 0.3409233700  
## 171 -0.0469308380 0.3164385500  
## 172 -0.0420789900 0.1669205500  
## 173 0.1232968800 0.0998082780  
## 174 0.0815666990 0.3308799200  
## 175 0.2070913700 0.3034511400  
## 176 0.2433851400 0.2618057200  
## 177 0.3853334100 0.2414528100  
## tBodyGyroJerk-arCoeff()-Y,1 tBodyGyroJerk-arCoeff()-Y,2  
## 1 0.9892838100 -0.414560480  
## 2 0.0723525490 -0.035377727  
## 3 0.0959860270 0.009604215  
## 4 0.0943329520 0.026171325  
## 5 -0.1494002800 0.271977090  
## 6 -0.1221989500 0.268114140  
## 7 -0.0524902690 0.051215149  
## 8 -0.0869685160 0.073873000  
## 9 -0.1342637200 -0.013461528  
## 10 -0.2453279500 0.010301495  
## 11 -0.2428414800 0.042217792  
## 12 0.0206379530 0.085306285  
## 13 0.2376564200 0.022329962  
## 14 0.2525088000 -0.039367741  
## 15 0.1643198000 -0.228627950  
## 16 0.0433669940 0.053957247  
## 17 -0.0954629950 0.119091910  
## 18 -0.1551533000 0.186575300  
## 19 -0.1386967800 0.186435040  
## 20 0.1152164000 0.008607366  
## 21 0.2837815400 0.033291668  
## 22 0.3266678900 0.011687289  
## 23 0.1984172800 0.061793202  
## 24 0.2295515300 0.083068182  
## 25 0.2206258000 0.156851670  
## 26 0.1471672000 0.223553800  
## 27 0.2908773900 0.123990190  
## 28 -0.2584177100 0.128835660  
## 29 -0.1425582100 0.185001130  
## 30 0.1949004800 0.035550725  
## 31 -0.6744398700 0.310329580  
## 32 -0.5762530700 0.212499820  
## 33 -0.0551409370 -0.027378330  
## 34 0.0524891210 -0.039626307  
## 35 0.3125402000 0.231659590  
## 36 0.2505962000 0.219041180  
## 37 0.1595061100 0.199091360  
## 38 0.0482052160 0.323106700  
## 39 0.0998939150 0.009770678  
## 40 -0.0665151580 0.253405870  
## 41 0.0005898095 0.165153750  
## 42 0.2546377100 0.141653950  
## 43 0.3113908200 0.138808760  
## 44 0.1824034800 0.240353720  
## 45 0.1021376300 0.226660280  
## 46 0.1831856700 0.052778539  
## 47 0.1691351500 0.056598066  
## 48 0.0457514900 0.271036890  
## 49 0.1233790500 0.280907570  
## 50 0.1040435700 0.348141240  
## 51 -0.0733806690 0.247161050  
## 52 -0.5550873000 0.607752460  
## 53 0.1365581900 0.091509236  
## 54 0.2654528000 0.035163678  
## 55 0.0758803570 -0.008638627  
## 56 0.0107900510 0.054128643  
## 57 0.0798121890 -0.083658334  
## 58 0.0694056410 0.031322040  
## 59 -0.0075596214 0.151249670  
## 60 0.1070640600 0.021476080  
## 61 0.1170982800 0.127597650  
## 62 -0.0315163630 0.238767600  
## 63 0.1517293200 -0.060068251  
## 64 0.0587465750 0.029052303  
## 65 0.0790254830 0.382057690  
## 66 -0.0777769140 0.262785850  
## 67 -0.4162108400 0.373651310  
## 68 -0.3757149700 0.344360400  
## 69 -0.1520982500 0.220868530  
## 70 -0.0838455520 0.153747470  
## 71 -0.1468421800 0.290344830  
## 72 -0.1895253200 0.274012490  
## 73 -0.3419819700 0.111353070  
## 74 0.0538645230 0.306499500  
## 75 0.0943161900 0.222415150  
## 76 0.2487930900 0.243037240  
## 77 0.2205841800 0.269192830  
## 78 0.1249101100 0.198678640  
## 79 -0.4731002900 0.545427820  
## 80 -0.4148182400 0.420640130  
## 81 -0.2172204600 0.252575400  
## 82 -0.1689628600 0.190128650  
## 83 -0.1987170700 0.244109660  
## 84 -0.2178342700 0.317330220  
## 85 -0.2467128600 0.370798790  
## 86 -0.0617365390 0.195630450  
## 87 -0.4444300000 0.460984980  
## 88 -0.3543940200 0.411090190  
## 89 -0.0931421220 0.112898380  
## 90 -0.2151205300 0.241242890  
## 91 -0.3620498900 0.469981530  
## 92 -0.3151529800 0.463084700  
## 93 -0.4167348900 0.585144200  
## 94 -0.3673156900 0.504783050  
## 95 -0.3097716300 0.381844560  
## 96 -0.3359696800 0.458979900  
## 97 -0.3041718700 0.492887720  
## 98 -0.2052326100 0.308886290  
## 99 -0.2304579400 0.210355480  
## 100 -0.3224438200 0.288731870  
## 101 -0.3777820300 0.482162500  
## 102 -0.1115023500 0.354395860  
## 103 -0.1542850000 0.380967670  
## 104 -0.2526385200 0.328417200  
## 105 -0.1457341900 0.203059480  
## 106 -0.2024711700 0.261229190  
## 107 -0.1423516400 0.201324520  
## 108 -0.1129580100 0.108517520  
## 109 -0.3343284300 0.335691350  
## 110 -0.4176694000 0.489720330  
## 111 -0.3415171100 0.412775620  
## 112 -0.1429081800 0.248973410  
## 113 -0.1687906900 0.251492780  
## 114 -0.2036564900 0.205325250  
## 115 -0.1714104600 0.239572440  
## 116 -0.1056840400 0.245277400  
## 117 -0.2032438400 0.295776990  
## 118 -0.2662042600 0.383769890  
## 119 -0.1796047800 0.289762040  
## 120 -0.2431465800 0.253966060  
## 121 -0.2638026500 0.270142400  
## 122 -0.4112295900 0.440067100  
## 123 -0.3867049300 0.414949130  
## 124 -0.2755340100 0.283729690  
## 125 -0.2715315400 0.295870750  
## 126 0.0236012680 0.140746710  
## 127 -0.0448605880 0.380782770  
## 128 0.1575484400 0.325733700  
## 129 0.1757541600 0.179395780  
## 130 -0.1718633600 0.318009290  
## 131 -0.1445030500 0.380910590  
## 132 0.0540801990 0.243092820  
## 133 0.1587098700 0.067187968  
## 134 0.1246709900 0.143668980  
## 135 -0.0300651800 0.330365560  
## 136 -0.0651988070 0.317810860  
## 137 -0.1290810100 0.298974050  
## 138 -0.0724689550 0.359850660  
## 139 -0.0672594960 0.357440210  
## 140 0.0936806190 0.195404380  
## 141 0.0741395770 0.095210601  
## 142 -0.2271290500 0.241373730  
## 143 -0.2117626100 0.249492470  
## 144 -0.1766810100 0.257795310  
## 145 -0.0749402620 0.351265030  
## 146 0.0337427690 0.375438180  
## 147 -0.0260456120 0.307505120  
## 148 -0.3266817500 0.438638510  
## 149 -0.2797187500 0.411129960  
## 150 -0.2023128700 0.223589110  
## 151 -0.3537764800 0.217510810  
## 152 -0.2515726800 0.077399418  
## 153 -0.4230672500 0.192766250  
## 154 -0.5244950400 0.370278450  
## 155 -0.4390818500 0.276629280  
## 156 -0.4691513300 0.341238730  
## 157 -0.4387475800 0.303223230  
## 158 -0.3622455200 0.168779040  
## 159 -0.2734204600 0.139088530  
## 160 -0.3524285300 0.153209180  
## 161 -0.5447702300 0.410548870  
## 162 -0.4311151500 0.368595920  
## 163 -0.3996764200 0.251517430  
## 164 -0.3405523300 0.321697080  
## 165 -0.3426905900 0.305381230  
## 166 -0.5264826900 0.337538990  
## 167 -0.4376850800 0.280714930  
## 168 -0.5632345600 0.416061920  
## 169 -0.6137377100 0.537708450  
## 170 -0.7298194000 0.703289320  
## 171 -0.6216355500 0.540570290  
## 172 -0.3355671300 0.225311040  
## 173 -0.2337480600 0.186011960  
## 174 -0.4438054500 0.358853800  
## 175 -0.4950992600 0.282069720  
## 176 -0.5069707400 0.288902290  
## 177 0.8330094400 -0.475813530  
## tBodyGyroJerk-arCoeff()-Y,3 tBodyGyroJerk-arCoeff()-Y,4  
## 1 0.3916025100 2.822509e-01  
## 2 0.1776063600 2.749805e-02  
## 3 0.0951261410 2.528870e-01  
## 4 0.0696609900 2.466532e-01  
## 5 -0.2715154700 -9.937466e-03  
## 6 -0.1936924600 -5.319577e-03  
## 7 -0.0397855910 3.690164e-01  
## 8 -0.1384707800 3.206576e-01  
## 9 0.1989779700 -3.707039e-02  
## 10 0.0811790270 1.096627e-01  
## 11 -0.0042892968 1.971729e-01  
## 12 0.1205812000 2.794445e-01  
## 13 0.3590552000 3.000507e-01  
## 14 0.4021406600 2.849337e-01  
## 15 0.1071100200 -2.289570e-01  
## 16 0.2205105700 -4.492381e-01  
## 17 0.0795095910 -2.181467e-01  
## 18 -0.1824569800 3.240207e-01  
## 19 -0.0743844530 3.200621e-01  
## 20 0.1971679600 3.191143e-01  
## 21 0.4129916400 2.635347e-01  
## 22 0.5065634100 3.555433e-01  
## 23 0.2810235800 3.833196e-01  
## 24 0.3584837700 2.093110e-01  
## 25 0.3789367100 1.780614e-01  
## 26 0.1986822600 4.110308e-01  
## 27 0.3156028300 3.639400e-01  
## 28 0.3238014400 -3.874802e-01  
## 29 0.0579905770 3.276492e-02  
## 30 0.3913671600 6.385217e-02  
## 31 -0.0262931850 -3.183613e-01  
## 32 0.0633297960 -3.833503e-01  
## 33 0.4149922500 -3.639714e-01  
## 34 0.2910873500 2.054737e-02  
## 35 0.4632686300 4.471743e-01  
## 36 0.2606386300 3.261340e-01  
## 37 0.1937785500 2.835193e-01  
## 38 0.0843009390 7.113517e-01  
## 39 0.1895816700 4.626051e-03  
## 40 0.0920699390 1.053763e-01  
## 41 0.1678889400 5.222139e-02  
## 42 0.4360569200 2.741993e-01  
## 43 0.4227345200 2.818629e-01  
## 44 0.1978723000 1.227688e-01  
## 45 0.2205357700 2.427641e-01  
## 46 0.3651690400 1.337303e-01  
## 47 0.1608926000 -3.675160e-04  
## 48 0.0291967540 2.283432e-01  
## 49 0.2463889300 3.440855e-01  
## 50 0.1017788300 2.075847e-01  
## 51 -0.1156977700 2.035569e-02  
## 52 -0.4046372200 4.462295e-01  
## 53 0.0765657050 3.171148e-01  
## 54 0.2672824500 7.585868e-02  
## 55 0.1779729000 1.867622e-01  
## 56 0.1839411500 2.245817e-01  
## 57 0.1969434600 1.888999e-01  
## 58 0.0961239250 3.787362e-02  
## 59 -0.0680018610 1.537244e-01  
## 60 0.0560115550 1.146568e-01  
## 61 0.1829406400 8.682785e-02  
## 62 -0.1167253800 4.924110e-01  
## 63 0.0983644420 4.418835e-01  
## 64 0.1987890100 -1.415402e-01  
## 65 0.1112307600 1.448664e-01  
## 66 0.0519766070 -1.368632e-01  
## 67 0.0675674010 -2.531985e-01  
## 68 0.0869973130 -2.293972e-01  
## 69 0.1097450900 -8.491305e-02  
## 70 0.2105552900 -4.837244e-01  
## 71 0.2522087300 1.174281e-01  
## 72 0.2818701300 9.382417e-02  
## 73 0.2694576400 -3.983607e-01  
## 74 0.3731840000 1.423427e-01  
## 75 0.5634328200 3.703642e-02  
## 76 0.3483660200 3.610882e-01  
## 77 0.2599141200 4.845238e-01  
## 78 0.2466205700 4.954713e-01  
## 79 -0.1994344400 4.483689e-02  
## 80 -0.0878431470 -4.195984e-02  
## 81 0.0120045620 -4.047139e-02  
## 82 0.2189255600 -4.520572e-02  
## 83 0.1746139600 -4.592401e-02  
## 84 0.0325531140 -1.171053e-01  
## 85 -0.0406879890 -1.170667e-01  
## 86 0.1904204300 -7.276678e-02  
## 87 -0.1724978000 6.638531e-02  
## 88 -0.2287227600 7.342000e-02  
## 89 0.1636103300 -2.070438e-01  
## 90 0.1253445100 -2.494860e-01  
## 91 -0.2649937600 1.378241e-01  
## 92 -0.1802464500 5.476415e-02  
## 93 -0.3179919400 8.969584e-02  
## 94 -0.1798353800 1.670559e-01  
## 95 0.0139290620 7.494409e-02  
## 96 -0.1764290500 1.845109e-01  
## 97 -0.1997624800 3.821857e-01  
## 98 0.0960303570 1.176233e-01  
## 99 0.2051550200 -1.829715e-01  
## 100 0.0666882800 -2.143440e-01  
## 101 -0.1813770400 -8.649037e-02  
## 102 0.0114693590 3.044425e-02  
## 103 -0.0391585110 7.570834e-02  
## 104 0.0213574990 -3.598580e-02  
## 105 0.1297318400 -5.391489e-02  
## 106 -0.0008214068 -1.564247e-01  
## 107 0.0559294970 -1.357776e-01  
## 108 0.1421014400 -8.086759e-02  
## 109 -0.0768316390 -6.512095e-02  
## 110 -0.1912520100 3.943515e-02  
## 111 0.0156873280 -3.915153e-02  
## 112 0.1164895300 -2.871379e-01  
## 113 -0.0702677800 -1.866581e-01  
## 114 0.1225330700 -3.248156e-01  
## 115 0.0863843810 -5.407343e-02  
## 116 0.1071516100 1.067350e-01  
## 117 0.0431305740 -1.039602e-02  
## 118 -0.1255073600 -5.967613e-02  
## 119 0.0169835430 7.725777e-02  
## 120 0.1239968500 -2.631659e-02  
## 121 0.0716910370 -1.106658e-01  
## 122 -0.1335056600 -1.227253e-01  
## 123 -0.0316853620 -1.069631e-01  
## 124 0.0997434910 -1.085370e-01  
## 125 0.0612123400 -1.938660e-02  
## 126 0.1848338200 1.239175e-01  
## 127 -0.0734677490 3.750586e-01  
## 128 0.1916986600 3.108775e-01  
## 129 0.3365724400 8.316416e-02  
## 130 0.0586592140 8.628786e-02  
## 131 0.1477138000 9.727176e-02  
## 132 0.3279964700 1.295591e-01  
## 133 0.3575303000 3.802252e-02  
## 134 0.3749815800 -1.368713e-01  
## 135 0.1408363500 1.581234e-01  
## 136 0.0867858940 1.432789e-01  
## 137 0.1928637400 -5.244406e-02  
## 138 0.1100730200 1.153841e-01  
## 139 0.1117466300 2.748724e-06  
## 140 0.3542228600 1.336035e-01  
## 141 0.2971461700 -2.210338e-02  
## 142 0.0937490090 -1.062329e-01  
## 143 0.0673608780 5.776977e-02  
## 144 0.0292743150 -9.673779e-03  
## 145 0.0679461640 3.019848e-01  
## 146 0.0317068300 2.976472e-01  
## 147 -0.0688660090 1.673102e-02  
## 148 0.0142088220 1.708966e-02  
## 149 0.0633483010 -1.885373e-02  
## 150 0.2301976100 -3.276916e-01  
## 151 0.3407031300 -3.034877e-01  
## 152 0.4290642100 -2.367396e-01  
## 153 0.1317180500 -2.025021e-01  
## 154 -0.0766951170 -9.574796e-03  
## 155 0.2223729300 -2.511860e-01  
## 156 0.1080626700 -2.201419e-01  
## 157 0.2268788700 -2.763602e-01  
## 158 0.4182937200 -3.922646e-01  
## 159 0.3530320500 -4.340731e-01  
## 160 0.3033898300 -2.582354e-01  
## 161 0.0229793810 -1.812256e-01  
## 162 0.0243511930 -3.710276e-02  
## 163 0.1343301100 -2.661065e-01  
## 164 -0.0316351790 -4.014357e-02  
## 165 -0.0892402820 9.264987e-02  
## 166 0.0240876360 -1.158389e-01  
## 167 0.0386676300 -3.214088e-02  
## 168 -0.1341788900 -1.649895e-01  
## 169 -0.2213849400 -9.944143e-02  
## 170 -0.3828200200 -2.975112e-03  
## 171 -0.2082438500 -1.511701e-01  
## 172 0.0961059090 -2.670493e-01  
## 173 0.1454575700 -1.456706e-01  
## 174 -0.0048951848 -1.463863e-01  
## 175 0.1004099800 -3.103794e-01  
## 176 0.2274540600 -5.569210e-01  
## 177 0.4800520000 4.296292e-01  
## tBodyGyroJerk-arCoeff()-Z,1 tBodyGyroJerk-arCoeff()-Z,2  
## 1 0.927269840 -0.572370010  
## 2 0.182702720 -0.167457400  
## 3 0.181648850 -0.169308380  
## 4 0.257355350 -0.136808750  
## 5 0.235128480 -0.340967050  
## 6 0.203405930 -0.296747890  
## 7 0.020758661 -0.111629620  
## 8 0.206185830 -0.304111500  
## 9 0.295217900 -0.265697000  
## 10 -0.087741216 0.058122607  
## 11 -0.102797900 0.086862526  
## 12 0.283651810 -0.076352380  
## 13 0.507744240 -0.057540119  
## 14 0.366410020 0.023658944  
## 15 0.101274400 -0.168370620  
## 16 0.170922040 -0.160093130  
## 17 0.283978980 -0.197545740  
## 18 0.329285130 -0.166038680  
## 19 0.338814890 -0.107716340  
## 20 0.273790260 0.085494592  
## 21 0.614087640 -0.040620128  
## 22 0.727324830 -0.153742450  
## 23 0.571472540 -0.173567370  
## 24 0.668538900 -0.319853190  
## 25 0.828480440 -0.389929520  
## 26 0.864349650 -0.302270350  
## 27 0.692711640 -0.119381130  
## 28 0.015597544 -0.343872090  
## 29 0.616345660 -0.453662080  
## 30 0.209066670 -0.184699740  
## 31 -0.721559520 0.144920360  
## 32 -0.537089570 0.024254977  
## 33 -0.017106841 -0.232704810  
## 34 0.289496290 -0.360755370  
## 35 0.403479790 -0.068244209  
## 36 0.413593130 0.055737247  
## 37 0.368238450 0.271117060  
## 38 0.447881350 0.093384967  
## 39 -0.039385401 -0.159813850  
## 40 0.008679629 -0.408688700  
## 41 0.158330590 -0.351740980  
## 42 0.315911410 -0.015142741  
## 43 0.294892910 -0.199282120  
## 44 0.435182540 -0.207895180  
## 45 0.472381720 -0.024856590  
## 46 0.439017510 -0.133864300  
## 47 0.486979420 -0.173308980  
## 48 0.239345990 0.150724740  
## 49 0.405632430 -0.048799614  
## 50 0.450288340 -0.117092020  
## 51 0.237611610 -0.080704578  
## 52 -0.395866570 0.382718350  
## 53 -0.009635697 -0.146068990  
## 54 0.216651370 -0.002249422  
## 55 0.311045750 -0.055168951  
## 56 0.523746850 -0.215601470  
## 57 0.470700130 -0.182329190  
## 58 0.297126910 -0.159521600  
## 59 0.518776520 -0.158513590  
## 60 0.563018950 -0.047993495  
## 61 0.515808520 -0.038158717  
## 62 0.486161480 -0.157005850  
## 63 0.391056700 -0.065372372  
## 64 0.392626720 0.055523513  
## 65 0.074670399 0.057650162  
## 66 0.097154704 -0.154308910  
## 67 -0.328162660 0.078443848  
## 68 -0.319535590 0.087308050  
## 69 -0.037726871 0.113815660  
## 70 -0.402501410 0.286508210  
## 71 -0.308820050 0.161942290  
## 72 -0.281113350 0.121192750  
## 73 -0.360260830 0.077538779  
## 74 0.148655170 -0.181111520  
## 75 0.425610490 -0.240329200  
## 76 0.513547270 -0.364553700  
## 77 0.444816140 -0.381353800  
## 78 0.508678930 -0.353283580  
## 79 0.032874739 0.230055300  
## 80 -0.016419745 0.254320760  
## 81 -0.076637194 0.247252870  
## 82 -0.046939991 0.220720550  
## 83 -0.240489740 0.298704310  
## 84 -0.394868930 0.370754820  
## 85 -0.317576230 0.404843890  
## 86 -0.195886110 0.331582320  
## 87 -0.435469630 0.476943410  
## 88 -0.156713690 0.314620160  
## 89 -0.009500576 0.101824400  
## 90 -0.030503484 0.109876870  
## 91 -0.060526213 0.099600444  
## 92 -0.075039475 0.071901676  
## 93 -0.136523930 0.260234670  
## 94 -0.123353470 0.240305920  
## 95 -0.074408890 0.155215610  
## 96 -0.023308095 0.080220406  
## 97 -0.185923440 0.087350826  
## 98 -0.375486100 0.248768180  
## 99 -0.155284240 0.205479090  
## 100 -0.071162669 0.154436980  
## 101 -0.183685090 0.341561910  
## 102 0.025134370 0.189832480  
## 103 -0.002229288 0.095892084  
## 104 -0.437170050 0.371719280  
## 105 -0.270441050 0.152855680  
## 106 0.018856560 -0.066103229  
## 107 -0.015817969 0.180503040  
## 108 -0.050126740 0.284773190  
## 109 0.022512387 0.063956784  
## 110 -0.104497030 -0.010795664  
## 111 -0.400867750 0.403591990  
## 112 -0.106831470 0.096584418  
## 113 0.037292094 -0.186686100  
## 114 -0.207752150 0.012289794  
## 115 -0.130424520 -0.032707612  
## 116 0.049420740 -0.042235459  
## 117 -0.095988555 0.173631740  
## 118 -0.217467840 0.294073750  
## 119 -0.111676570 -0.081154084  
## 120 -0.211825200 0.072157975  
## 121 -0.253143450 0.164358760  
## 122 -0.181519040 0.208534950  
## 123 -0.328928750 0.312604450  
## 124 -0.627351330 0.488728660  
## 125 -0.418872980 0.324750790  
## 126 0.249883860 0.093612159  
## 127 -0.071774907 0.025903840  
## 128 -0.158093220 0.277214450  
## 129 -0.120220410 0.263467760  
## 130 -0.306267240 0.329847490  
## 131 -0.087821954 0.024261861  
## 132 -0.146745670 0.243368980  
## 133 -0.249518920 0.389480390  
## 134 -0.066113836 0.035029040  
## 135 -0.310872080 0.196091520  
## 136 -0.351832290 0.345708540  
## 137 -0.327598370 0.328637600  
## 138 -0.213980720 0.292919400  
## 139 -0.239914520 0.272934040  
## 140 -0.346487550 0.276339170  
## 141 -0.473032150 0.412987200  
## 142 -0.318398830 0.180215810  
## 143 -0.291124500 0.138056430  
## 144 -0.252437040 0.235522210  
## 145 -0.278193210 0.302531690  
## 146 -0.223303900 0.187764710  
## 147 -0.176042460 0.057645524  
## 148 -0.393537040 0.211882410  
## 149 -0.286798450 0.332740550  
## 150 -0.141108240 0.166668790  
## 151 -0.356022240 0.297884720  
## 152 -0.409803960 0.351953750  
## 153 -0.357357760 0.172276310  
## 154 -0.347373490 0.247351800  
## 155 -0.456376420 0.395066390  
## 156 -0.536713140 0.273989120  
## 157 -0.269184570 0.222799430  
## 158 -0.271181320 0.280731010  
## 159 -0.231440980 0.159511040  
## 160 -0.355606290 0.350195970  
## 161 -0.492359710 0.451958780  
## 162 -0.361030420 0.230355840  
## 163 -0.183678660 0.052749503  
## 164 -0.159126790 0.107094900  
## 165 -0.169396270 0.215784240  
## 166 -0.357899180 0.310242170  
## 167 -0.423739570 0.372883680  
## 168 -0.336213620 0.278102570  
## 169 -0.193120820 0.180072320  
## 170 -0.169861620 -0.013832336  
## 171 -0.283502840 0.021044465  
## 172 -0.382060430 0.272496060  
## 173 -0.403470850 0.234457240  
## 174 -0.552306660 0.547110460  
## 175 -0.297012740 0.334577630  
## 176 -0.087415982 0.119317740  
## 177 0.088815749 -0.173715820  
## tBodyGyroJerk-arCoeff()-Z,3 tBodyGyroJerk-arCoeff()-Z,4  
## 1 0.691619200 0.468289820  
## 2 0.253251030 0.132333860  
## 3 0.132009060 0.008197317  
## 4 0.087315569 0.149095580  
## 5 -0.085712880 0.163956800  
## 6 0.069933579 -0.012261880  
## 7 -0.110855520 0.212635260  
## 8 0.005190615 0.100645570  
## 9 0.239541230 0.186680400  
## 10 -0.008123615 0.203450970  
## 11 -0.047250111 0.161176660  
## 12 0.165325300 0.011728162  
## 13 0.374357530 -0.080493024  
## 14 0.348529450 0.010344127  
## 15 -0.016545988 0.087689576  
## 16 -0.055963724 0.025715226  
## 17 -0.034790591 -0.033737723  
## 18 0.179427780 -0.096468609  
## 19 0.296541030 -0.033004482  
## 20 0.140145380 0.203427740  
## 21 0.482526590 0.086505004  
## 22 0.557416940 -0.181567240  
## 23 0.378263520 -0.072192700  
## 24 0.341817560 0.245373530  
## 25 0.492920140 0.243480660  
## 26 0.598239790 0.086549498  
## 27 0.530067780 -0.083921209  
## 28 0.168389230 -0.057665195  
## 29 0.504477610 0.133239450  
## 30 0.229052540 -0.052303203  
## 31 0.243296720 -0.546418500  
## 32 0.164802040 -0.457890810  
## 33 0.202240470 -0.391172150  
## 34 0.082854611 -0.046252009  
## 35 0.139329680 0.031097462  
## 36 0.209433090 0.041010091  
## 37 0.145469210 0.222672200  
## 38 0.273445040 0.115528360  
## 39 0.023413983 -0.524619470  
## 40 0.277538170 -0.600621470  
## 41 0.273155850 -0.496489660  
## 42 0.372797190 0.099816160  
## 43 0.338297070 0.218877680  
## 44 0.189213830 0.219894260  
## 45 0.204561060 0.383866730  
## 46 0.243213660 0.260327830  
## 47 0.318806430 -0.008363215  
## 48 0.167689880 0.344745290  
## 49 0.354142630 0.334864110  
## 50 0.226707790 0.114640440  
## 51 0.035481656 0.192312890  
## 52 0.006754116 -0.315831300  
## 53 0.057660671 -0.588616090  
## 54 0.184064710 -0.082840860  
## 55 0.243423230 -0.033946138  
## 56 0.274903780 -0.001496952  
## 57 0.234931590 0.188947640  
## 58 0.213413660 0.066573858  
## 59 0.343771730 -0.082531683  
## 60 0.388197720 -0.034699168  
## 61 0.315723240 0.005390769  
## 62 0.327994120 0.003755141  
## 63 0.365259300 -0.008708822  
## 64 0.153047500 0.129233010  
## 65 0.079868301 -0.380609620  
## 66 0.187217440 -0.339239160  
## 67 0.020310387 -0.195463250  
## 68 0.012521041 -0.196153080  
## 69 0.084992674 -0.145309400  
## 70 -0.125452350 -0.310171160  
## 71 -0.005266690 -0.077588079  
## 72 0.010217660 0.031360614  
## 73 -0.102780250 -0.442995190  
## 74 0.203858030 -0.197237280  
## 75 0.377141850 -0.322785990  
## 76 0.395126070 -0.284780500  
## 77 0.345868980 -0.368750050  
## 78 0.329763640 0.306386920  
## 79 -0.051348219 0.172813770  
## 80 -0.160777110 0.209088750  
## 81 -0.173617130 0.158756350  
## 82 -0.120050210 0.182411960  
## 83 -0.181942910 0.034787760  
## 84 -0.377612440 0.056406685  
## 85 -0.393978450 0.048422866  
## 86 -0.197634840 -0.042433027  
## 87 -0.460657940 0.133593700  
## 88 -0.255530590 0.157654330  
## 89 -0.037689660 -0.028094645  
## 90 0.019959078 -0.065515183  
## 91 -0.041364750 0.047242573  
## 92 0.037105569 0.031377927  
## 93 -0.121943800 0.170437660  
## 94 -0.162418710 0.174788260  
## 95 -0.021906435 -0.077183388  
## 96 0.042523385 -0.110392940  
## 97 0.138986020 -0.198160870  
## 98 0.010173145 -0.183678590  
## 99 -0.089359670 0.073307638  
## 100 -0.066623036 0.060730560  
## 101 -0.267497390 0.127725140  
## 102 -0.084785615 0.126281460  
## 103 -0.095980182 -0.086828060  
## 104 -0.199660760 -0.150807450  
## 105 0.043655345 -0.209957890  
## 106 0.261429850 -0.239633710  
## 107 -0.156533280 0.120265580  
## 108 -0.254332330 0.330554550  
## 109 0.101317940 0.065369180  
## 110 0.263469260 -0.201169400  
## 111 -0.363445620 0.146433750  
## 112 -0.034861735 -0.146758970  
## 113 0.180554540 -0.134213830  
## 114 0.031750662 -0.177626070  
## 115 0.083519256 -0.219910690  
## 116 0.106209960 -0.093636967  
## 117 -0.064463464 0.033161110  
## 118 -0.271844220 0.079557388  
## 119 0.149895720 -0.279664220  
## 120 0.183435640 -0.327791890  
## 121 0.097968225 -0.391636990  
## 122 -0.268955760 -0.149216720  
## 123 -0.419579360 0.237922730  
## 124 -0.340943960 0.081746311  
## 125 -0.159770900 -0.022415821  
## 126 0.008720489 0.051567031  
## 127 0.141358140 0.016624159  
## 128 -0.112432230 0.130656960  
## 129 -0.131552130 0.039448964  
## 130 -0.169177830 0.019895143  
## 131 0.317021440 -0.095054240  
## 132 0.046194292 -0.039994435  
## 133 -0.261597940 0.046467260  
## 134 0.126781050 -0.066008424  
## 135 0.093186083 -0.189596960  
## 136 -0.110379600 -0.023822280  
## 137 -0.122524650 -0.019585805  
## 138 -0.082342945 -0.020711661  
## 139 -0.148989980 0.039528904  
## 140 -0.198587650 0.197004840  
## 141 -0.340639400 0.106737960  
## 142 -0.061337221 0.034715102  
## 143 0.253598820 -0.299811770  
## 144 0.048029436 -0.109756050  
## 145 -0.103099950 -0.089657768  
## 146 0.027005809 -0.197074200  
## 147 -0.006528238 -0.012488547  
## 148 -0.151771240 0.064760380  
## 149 -0.064766087 -0.118661960  
## 150 0.115224000 -0.203162280  
## 151 -0.054468727 -0.138900660  
## 152 -0.168299600 -0.075001023  
## 153 -0.137061220 0.216483210  
## 154 -0.177496760 0.300390950  
## 155 -0.115092320 0.087323575  
## 156 0.241798910 -0.383973070  
## 157 -0.099373747 0.030791109  
## 158 -0.119219190 -0.017349056  
## 159 0.051040538 0.229148010  
## 160 -0.160239700 0.141968620  
## 161 -0.263915860 0.104402420  
## 162 0.079096362 -0.245255500  
## 163 0.256451890 -0.238739800  
## 164 0.116091600 0.048393560  
## 165 0.070804209 0.133675510  
## 166 -0.005635818 -0.011379657  
## 167 -0.058592254 -0.204793970  
## 168 -0.016831905 0.013434384  
## 169 0.176066630 -0.035467163  
## 170 0.411644000 -0.331325590  
## 171 0.423905820 -0.381674150  
## 172 0.024041809 -0.051173963  
## 173 0.096120618 -0.233426100  
## 174 -0.251738170 0.151424260  
## 175 -0.082679471 0.252617030  
## 176 0.269853840 0.040388071  
## 177 -0.146452200 -0.082714482  
## tBodyGyroJerk-correlation()-X,Y tBodyGyroJerk-correlation()-X,Z  
## 1 -0.131076970 -0.087159695  
## 2 0.293855350 -0.018075169  
## 3 0.193328560 0.073717859  
## 4 0.196657250 0.140451880  
## 5 0.120590380 0.107489230  
## 6 0.017912065 0.186672890  
## 7 0.218221050 0.203931430  
## 8 0.264243460 0.208030260  
## 9 0.284818290 -0.141098890  
## 10 0.009446005 0.089193195  
## 11 -0.073903955 0.196205570  
## 12 0.080788387 0.148466620  
## 13 -0.045589931 0.151243670  
## 14 0.058147651 0.174676810  
## 15 0.127074090 -0.009150338  
## 16 0.343780710 -0.118085490  
## 17 0.334375650 -0.292231360  
## 18 0.166848360 -0.162088280  
## 19 0.025284475 0.033951002  
## 20 -0.099332595 0.027449021  
## 21 0.176420540 -0.045200558  
## 22 0.040840352 -0.062697352  
## 23 -0.071531292 -0.130271390  
## 24 0.251113310 -0.137157170  
## 25 0.212685220 -0.095972924  
## 26 0.261707630 -0.100661360  
## 27 0.313089550 -0.140665610  
## 28 0.082029223 -0.546175510  
## 29 -0.164524290 0.141775640  
## 30 -0.057772651 0.041450094  
## 31 0.705052540 0.735040240  
## 32 0.602768620 0.644532900  
## 33 -0.168186660 0.073007022  
## 34 -0.224094370 -0.160377700  
## 35 -0.270756050 0.067666144  
## 36 -0.328258840 0.038395593  
## 37 -0.192210140 0.070602607  
## 38 -0.215648750 0.050836317  
## 39 0.034285135 -0.106320450  
## 40 -0.245714740 0.221656250  
## 41 -0.358072890 0.134570440  
## 42 -0.456394590 -0.010997664  
## 43 -0.331641620 0.049079987  
## 44 -0.092866021 0.270689650  
## 45 -0.230642770 0.162274620  
## 46 -0.320468410 0.110421200  
## 47 -0.246733980 0.150150280  
## 48 -0.105517070 0.165573490  
## 49 0.056008694 0.030428480  
## 50 -0.013073733 -0.106717370  
## 51 -0.035597245 -0.003969884  
## 52 -0.172207970 0.542698680  
## 53 0.215675370 -0.222662270  
## 54 0.286653870 -0.032468776  
## 55 0.214805630 0.092350509  
## 56 0.115314670 -0.064241338  
## 57 0.096316585 0.123477940  
## 58 0.050215345 0.094284886  
## 59 -0.052710276 0.124630170  
## 60 0.046112103 0.342387810  
## 61 0.322907730 0.148154430  
## 62 0.462981110 -0.189609080  
## 63 0.339670950 -0.286001560  
## 64 -0.022218521 -0.095367911  
## 65 -0.466071480 0.105021390  
## 66 0.297840580 -0.083262047  
## 67 0.160429560 -0.502767270  
## 68 0.153158890 -0.466419910  
## 69 0.104052650 0.053507012  
## 70 -0.267694000 -0.034639664  
## 71 0.049985709 -0.395139670  
## 72 0.136818750 -0.520796770  
## 73 -0.226886100 0.241322880  
## 74 -0.366075950 0.101040460  
## 75 -0.474418220 0.004694372  
## 76 -0.029408814 -0.108003240  
## 77 -0.168341540 -0.119435680  
## 78 -0.396890460 -0.028322030  
## 79 0.450552720 -0.138384740  
## 80 0.442382180 -0.084550249  
## 81 0.564137480 -0.054343056  
## 82 0.624270800 -0.085322666  
## 83 0.568315240 -0.078473636  
## 84 0.464588670 -0.064472054  
## 85 0.447199860 -0.127145820  
## 86 0.415218800 -0.277533760  
## 87 0.584331640 -0.234870230  
## 88 0.488532650 -0.171551860  
## 89 0.353201150 -0.149167730  
## 90 0.583150970 -0.127164010  
## 91 0.582391020 -0.182130180  
## 92 0.441032180 -0.097347471  
## 93 0.376828830 -0.071128029  
## 94 0.430630520 -0.275427090  
## 95 0.441962440 -0.299744340  
## 96 0.431361620 -0.198981390  
## 97 0.465579010 -0.375855350  
## 98 0.492086120 -0.549081520  
## 99 0.471411680 -0.242885820  
## 100 0.378185180 -0.235222350  
## 101 0.423412360 -0.293745290  
## 102 0.393898340 -0.254145690  
## 103 0.446891430 -0.062586672  
## 104 0.621174940 -0.094197144  
## 105 0.553713330 -0.228277230  
## 106 0.473351870 -0.336618580  
## 107 0.363578660 -0.304021190  
## 108 0.292787390 -0.267938580  
## 109 0.476983620 -0.251776820  
## 110 0.598762020 -0.257271120  
## 111 0.642139670 -0.356048920  
## 112 0.319793510 -0.295576030  
## 113 0.330296080 -0.197575740  
## 114 0.464772200 0.007708963  
## 115 0.530452250 -0.067881689  
## 116 0.481483350 -0.275214580  
## 117 0.409897840 -0.332031560  
## 118 0.402765900 -0.364749910  
## 119 0.480128840 -0.322736210  
## 120 0.535859910 -0.380721790  
## 121 0.468603310 -0.317245180  
## 122 0.557016410 -0.230502660  
## 123 0.577890530 -0.338129330  
## 124 0.464385050 -0.338955900  
## 125 0.546605820 -0.352127200  
## 126 0.385306600 -0.198286040  
## 127 0.393723850 -0.247678780  
## 128 0.394003690 -0.273987070  
## 129 0.205157000 -0.135436090  
## 130 0.123911780 -0.109633560  
## 131 0.538698120 -0.396752260  
## 132 0.570983380 -0.428655410  
## 133 0.559539480 -0.373851450  
## 134 0.593230250 -0.360612310  
## 135 0.452897720 0.004839296  
## 136 0.397552130 -0.164310080  
## 137 0.475744940 -0.383106090  
## 138 0.571207170 -0.232098910  
## 139 0.272710180 0.035537385  
## 140 0.133321560 -0.116577790  
## 141 0.194071590 -0.182744730  
## 142 0.180161350 0.005812635  
## 143 0.560577450 -0.215034980  
## 144 0.552834370 -0.159812410  
## 145 0.606620990 -0.465072020  
## 146 0.472046960 -0.502894130  
## 147 0.109473580 -0.285967440  
## 148 0.210085850 -0.153618230  
## 149 0.442470350 -0.183882430  
## 150 0.415471450 -0.294925720  
## 151 0.341485250 -0.075353813  
## 152 0.416792540 -0.156465640  
## 153 0.404886180 -0.314209730  
## 154 0.364533470 -0.399647450  
## 155 0.468819580 -0.506116600  
## 156 0.477290320 -0.508577940  
## 157 0.507256860 -0.340880510  
## 158 0.535801680 -0.266586050  
## 159 0.310848130 0.041433882  
## 160 0.464656830 -0.014214487  
## 161 0.429690690 -0.222488400  
## 162 0.208231770 -0.214371480  
## 163 0.054240479 -0.109360170  
## 164 0.244736570 -0.207615050  
## 165 0.417105630 -0.254806690  
## 166 0.265201150 -0.174077470  
## 167 0.231147740 -0.189810990  
## 168 0.119418960 -0.051801233  
## 169 0.438048590 -0.169499550  
## 170 0.410507000 -0.326116660  
## 171 0.345443350 -0.345472910  
## 172 0.340895620 -0.414253350  
## 173 0.313532560 -0.423913520  
## 174 0.509460370 -0.598607620  
## 175 0.518457490 -0.368034400  
## 176 0.490878060 -0.088076547  
## 177 -0.388145150 0.182260700  
## tBodyGyroJerk-correlation()-Y,Z tBodyAccMag-mean() tBodyAccMag-std()  
## 1 0.3362474800 -0.959433880 -0.95055150  
## 2 -0.3433367800 -0.979289150 -0.97605707  
## 3 -0.3148577600 -0.983703130 -0.98801962  
## 4 -0.3058976600 -0.986541760 -0.98642135  
## 5 -0.2825893300 -0.992827150 -0.99127536  
## 6 -0.3211694300 -0.994294990 -0.99524897  
## 7 -0.4160378200 -0.987465700 -0.98274603  
## 8 -0.3848070900 -0.977457660 -0.97599674  
## 9 -0.2580433900 -0.983630870 -0.97751373  
## 10 -0.4559168400 -0.986771970 -0.98670243  
## 11 -0.4367329200 -0.988040330 -0.98590171  
## 12 -0.0995246870 -0.994775630 -0.99611776  
## 13 -0.3335909600 -0.995325010 -0.99656707  
## 14 -0.2313846700 -0.996700130 -0.99839240  
## 15 -0.3145308500 -0.904587780 -0.83989567  
## 16 -0.1211127400 -0.984463810 -0.98754846  
## 17 -0.2874990700 -0.989043070 -0.99093187  
## 18 -0.4119398300 -0.995071550 -0.99268417  
## 19 -0.2827178000 -0.998726810 -0.99741361  
## 20 -0.0412248780 -0.997972370 -0.99879494  
## 21 -0.1683809400 -0.998441330 -0.99798984  
## 22 -0.2416965400 -0.997891000 -0.99752775  
## 23 -0.1620945600 -0.995893460 -0.99728461  
## 24 -0.1955739800 -0.995215340 -0.99651065  
## 25 -0.2304727200 -0.994193440 -0.99494985  
## 26 -0.1991633900 -0.995749400 -0.99441625  
## 27 -0.3633945500 -0.998552500 -0.99776154  
## 28 -0.2050798400 -0.554369200 -0.18717165  
## 29 -0.1703139800 -0.934593770 -0.93195422  
## 30 0.0647425640 -0.976994980 -0.97105963  
## 31 0.6316674600 -0.815758640 -0.50812531  
## 32 0.5622806700 -0.507396680 -0.49055481  
## 33 0.0405061330 -0.621027250 -0.48451097  
## 34 0.0930123700 -0.915953840 -0.89361999  
## 35 0.1293186800 -0.974805040 -0.95660840  
## 36 0.0973691990 -0.995238360 -0.99550157  
## 37 0.1181873200 -0.999067440 -0.99906531  
## 38 0.0762418010 -0.998011800 -0.99559420  
## 39 -0.0679121130 -0.926233340 -0.94594716  
## 40 -0.1314091700 -0.968162890 -0.94767986  
## 41 -0.2322391400 -0.992951060 -0.99577426  
## 42 -0.3562870700 -0.993437900 -0.99387550  
## 43 -0.1553287200 -0.990914070 -0.99281205  
## 44 0.0097742127 -0.987547310 -0.99324099  
## 45 -0.2376674800 -0.990122640 -0.99402631  
## 46 -0.2445733900 -0.993024120 -0.99767465  
## 47 -0.0912044230 -0.994146360 -0.99825604  
## 48 -0.1940195100 -0.993548920 -0.99653821  
## 49 -0.2873640600 -0.992640980 -0.99490770  
## 50 -0.1633092400 -0.992051450 -0.99486796  
## 51 -0.2425856200 -0.991474710 -0.99536861  
## 52 -0.1256170700 -0.905122910 -0.83169609  
## 53 -0.3892414800 -0.987446090 -0.97847045  
## 54 -0.3152402300 -0.997987630 -0.99609738  
## 55 -0.1709437000 -0.999504490 -0.99870535  
## 56 -0.1951488700 -0.999057730 -0.99827359  
## 57 -0.1623527100 -0.997429450 -0.99587294  
## 58 -0.1321011600 -0.997419660 -0.99633327  
## 59 -0.1563931400 -0.997282120 -0.99472458  
## 60 -0.1440971800 -0.995770500 -0.99389022  
## 61 -0.1500695400 -0.995868300 -0.99579684  
## 62 -0.2391598400 -0.997588190 -0.99701193  
## 63 -0.1049360000 -0.997867250 -0.99868238  
## 64 -0.1535490400 -0.997318800 -0.99877904  
## 65 0.0934457940 -0.721626990 -0.41726279  
## 66 -0.1114028100 -0.942902620 -0.92188864  
## 67 -0.4034450300 -0.518427790 0.06407340  
## 68 -0.3514961500 -0.362108240 -0.12667840  
## 69 0.2296821400 -0.676364250 -0.77805010  
## 70 -0.2449897100 -0.634960060 -0.70007559  
## 71 -0.1284020000 -0.062945893 0.30788151  
## 72 -0.0900264090 0.294838960 -0.04090274  
## 73 -0.0355356190 -0.331015760 -0.05341762  
## 74 0.1300470200 -0.849351620 -0.74996890  
## 75 0.0646371190 -0.950780660 -0.91348682  
## 76 -0.0592322470 -0.989813350 -0.99013960  
## 77 0.1089470900 -0.990560140 -0.99211327  
## 78 0.0575302200 -0.992300700 -0.99519865  
## 79 -0.2165999800 -0.224559620 -0.23798068  
## 80 -0.0908667800 -0.126502690 -0.21339031  
## 81 0.0306195890 -0.160100010 -0.25757110  
## 82 -0.0054474726 -0.073513080 -0.19511453  
## 83 -0.0274131800 -0.049492050 -0.21102536  
## 84 -0.0178539680 -0.077394435 -0.23776722  
## 85 -0.0826676200 -0.095493110 -0.23418525  
## 86 -0.0929077530 -0.113443280 -0.23084634  
## 87 -0.1435431000 -0.169629600 -0.32073899  
## 88 -0.1675892400 -0.107472340 -0.24223487  
## 89 -0.1159476000 -0.129802930 -0.25904260  
## 90 0.0616401150 -0.104808760 -0.25305003  
## 91 0.0329431850 -0.063225767 -0.21278856  
## 92 -0.0237259210 -0.017610633 -0.14299831  
## 93 -0.0594289480 -0.035592505 -0.15547409  
## 94 -0.1914485700 -0.062178356 -0.22499279  
## 95 -0.1399305100 -0.072821245 -0.20792297  
## 96 -0.1768320900 -0.089840429 -0.20806055  
## 97 -0.3158446100 -0.113136280 -0.24002292  
## 98 -0.3198922500 -0.206715790 -0.26627391  
## 99 -0.0123356590 -0.046277939 -0.20362526  
## 100 -0.0003765442 -0.006788252 -0.18330520  
## 101 -0.1955716000 -0.044258164 -0.24087174  
## 102 -0.3095968200 -0.041734145 -0.16345806  
## 103 -0.1734564100 -0.083892745 -0.13550100  
## 104 0.0325953000 -0.070705961 -0.12111633  
## 105 -0.0848486030 -0.069540692 -0.15742320  
## 106 -0.1907250400 -0.086942954 -0.22519670  
## 107 -0.2087298600 -0.064423256 -0.15965905  
## 108 -0.1511025700 -0.046465246 -0.18637060  
## 109 -0.0510117960 -0.066594317 -0.25965723  
## 110 -0.0860541590 -0.104721850 -0.24911625  
## 111 -0.2310324200 -0.146100560 -0.25310151  
## 112 -0.2475766100 -0.028582068 -0.07785658  
## 113 0.0380328310 -0.111311720 -0.24041740  
## 114 0.2542070800 -0.126372480 -0.27993018  
## 115 0.1220840900 -0.105686140 -0.22777514  
## 116 -0.1413558400 -0.083591000 -0.20178048  
## 117 -0.1875077800 -0.067429345 -0.24842236  
## 118 -0.2155912300 -0.120646470 -0.28608766  
## 119 -0.1708344100 -0.237415250 -0.31617456  
## 120 -0.1889281800 -0.250393640 -0.30732494  
## 121 -0.1845669900 -0.243371870 -0.29851218  
## 122 -0.1047774600 -0.246311570 -0.31235944  
## 123 -0.0385661200 -0.193292510 -0.26403135  
## 124 -0.0269215400 -0.164874500 -0.25321409  
## 125 -0.1613173300 -0.206492270 -0.30455573  
## 126 -0.4136818900 -0.170440850 -0.18820842  
## 127 -0.5498618700 -0.048825749 -0.11708516  
## 128 -0.4661380100 -0.088540677 -0.04725246  
## 129 -0.2106117000 -0.098690394 0.01331304  
## 130 -0.2408893500 0.028422451 0.18395782  
## 131 -0.5148989100 0.080265708 0.19543705  
## 132 -0.5242874700 -0.025681958 0.04566343  
## 133 -0.4020747300 -0.070359730 -0.09866979  
## 134 -0.3482773100 -0.077787454 -0.13898659  
## 135 -0.5566460600 0.133358580 0.24274736  
## 136 -0.5668624400 0.122205780 0.15024177  
## 137 -0.4564501700 0.147554430 0.12467351  
## 138 -0.3400835200 0.100149980 0.10625082  
## 139 -0.2427448700 0.120906110 0.01273850  
## 140 -0.0086578772 0.073107976 -0.04265889  
## 141 -0.1473968600 0.089121500 0.07281668  
## 142 -0.3536019100 0.172161270 0.13627899  
## 143 -0.4662232000 0.060417914 -0.02614713  
## 144 -0.4890434700 0.059491854 -0.06165703  
## 145 -0.3124144100 -0.018090242 -0.11528655  
## 146 -0.2432737200 0.071970206 0.05147785  
## 147 -0.2334775400 0.040168399 0.15527003  
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## 84 -0.5667160 -0.40764808 0.87852461  
## 85 -0.5799239 -0.45362780 0.85545042  
## 86 -0.5927925 -0.39806079 0.80867228  
## 87 -0.6491203 -0.43840012 0.76189413  
## 88 -0.5904463 -0.38935066 0.80902321  
## 89 -0.6100275 -0.46726061 0.81425610  
## 90 -0.5904248 -0.46297058 0.83072874  
## 91 -0.5509673 -0.37800569 0.83174647  
## 92 -0.5003433 -0.30633808 0.88867452  
## 93 -0.5175916 -0.24437273 0.87266198  
## 94 -0.5524586 -0.28440942 0.85864784  
## 95 -0.5575357 -0.37913677 0.82268641  
## 96 -0.5706794 -0.38301423 0.84712927  
## 97 -0.5942681 -0.36187624 0.83072874  
## 98 -0.6650678 -0.38718964 0.85060551  
## 99 -0.5357709 -0.28097580 0.84217520  
## 100 -0.4995660 -0.32123201 0.85271309  
## 101 -0.5411881 -0.39214696 0.85654027  
## 102 -0.5241700 -0.37722858 0.81956110  
## 103 -0.5515416 -0.41836919 0.81159089  
## 104 -0.5382937 -0.31588417 0.80234954  
## 105 -0.5449636 -0.30256306 0.81050104  
## 106 -0.5717225 -0.37276888 0.81077985  
## 107 -0.5414150 -0.34037110 0.84400396  
## 108 -0.5325493 -0.41305240 0.88200086  
## 109 -0.5623039 -0.47338847 0.81214852  
## 110 -0.5896438 -0.36738822 0.81050104  
## 111 -0.6207508 -0.34477838 0.80867228  
## 112 -0.4952801 -0.18059732 0.82816106  
## 113 -0.5929813 -0.37101137 0.80793336  
## 114 -0.6112246 -0.51659928 0.78742684  
## 115 -0.5864203 -0.44152930 0.81921017  
## 116 -0.5646785 -0.38444870 0.87567812  
## 117 -0.5609211 -0.41629830 0.87989328  
## 118 -0.6080845 -0.40900608 0.84052772  
## 119 -0.6937517 -0.44505594 0.76087640  
## 120 -0.7005265 -0.37588244 0.77625920  
## 121 -0.6945828 -0.35438276 0.81983992  
## 122 -0.6987898 -0.51385409 0.83026864  
## 123 -0.6556402 -0.47684229 0.81608486  
## 124 -0.6340885 -0.38800369 0.84986660  
## 125 -0.6715690 -0.50602103 0.81425610  
## 126 -0.6256801 -0.38149936 0.83768123  
## 127 -0.5201784 -0.40741363 0.88309070  
## 128 -0.5356710 -0.35702374 0.83209741  
## 129 -0.5289727 -0.34735850 0.81745352  
## 130 -0.3807923 -0.23521446 0.85334284  
## 131 -0.3317116 -0.28282889 0.86770791  
## 132 -0.4634847 -0.52606061 0.78144738  
## 133 -0.5331801 -0.23458871 0.79757675  
## 134 -0.5475629 -0.19767115 0.77980756  
## 135 -0.2685841 -0.13747175 0.90222856  
## 136 -0.3058638 -0.20151491 0.89316850  
## 137 -0.2888230 -0.26860703 0.89288968  
## 138 -0.3383805 -0.34261161 0.85334284  
## 139 -0.3430612 -0.24183760 0.89316850  
## 140 -0.4001708 -0.23795653 0.87852461  
## 141 -0.3572993 -0.16880815 0.93994664  
## 142 -0.2617723 -0.01379041 0.85836903  
## 143 -0.4076453 -0.03909150 0.88547710  
## 144 -0.4166914 -0.21732432 0.86844682  
## 145 -0.4948863 -0.44554993 0.83237622  
## 146 -0.3783008 -0.24193132 0.83768123  
## 147 -0.3787271 -0.05513545 0.89106092  
## 148 -0.5160520 -0.29475051 0.87989328  
## 149 -0.5063309 -0.38071862 0.84775902  
## 150 -0.4852382 -0.26215046 0.87009430  
## 151 -0.6336381 -0.48481176 0.80179191  
## 152 -0.6673806 -0.52618944 0.76618141  
## 153 -0.6467035 -0.55048733 0.79273185  
## 154 -0.6081861 -0.42607659 0.78668793  
## 155 -0.6038271 -0.40367948 0.80024196  
## 156 -0.6567155 -0.55078135 0.77938451  
## 157 -0.6500931 -0.45098118 0.80480805  
## 158 -0.6359094 -0.45774228 0.78816576  
## 159 -0.5729196 -0.36462838 0.85545042  
## 160 -0.6380147 -0.43512972 0.82834235  
## 161 -0.6314945 -0.51387210 0.79027333  
## 162 -0.6390484 -0.56317340 0.79648690  
## 163 -0.6954040 -0.59851983 0.78633699  
## 164 -0.6546332 -0.58837641 0.80308845  
## 165 -0.6654351 -0.43076617 0.81921017  
## 166 -0.7146550 -0.31842945 0.81425610  
## 167 -0.7019856 -0.39217224 0.75392392  
## 168 -0.6154678 -0.53201964 0.76168744  
## 169 -0.6246812 -0.40799087 0.82166868  
## 170 -0.6101672 -0.38866974 0.82331616  
## 171 -0.6160625 -0.45323750 0.80445712  
## 172 -0.6651323 -0.59316047 0.74935783  
## 173 -0.6778120 -0.46065368 0.77067538  
## 174 -0.6261992 -0.26454682 0.79164200  
## 175 -0.6555346 -0.41118583 0.83385405  
## 176 -0.6562010 -0.46182542 0.79996315  
## 177 -0.9960587 -0.94448576 -0.01592767  
## tBodyAccMag-arCoeff()1 tBodyAccMag-arCoeff()2 tBodyAccMag-arCoeff()3  
## 1 -0.173178740 -0.0228966600 0.0948315680  
## 2 0.081568632 -0.1093660600 0.3117577100  
## 3 0.038049101 -0.0742122710 0.2540759900  
## 4 -0.092855878 0.0463961670 -0.0004664473  
## 5 0.180441050 -0.2776567200 0.5155624300  
## 6 0.370338620 -0.3934519000 0.5634830200  
## 7 0.155920000 -0.2399421600 0.2930264600  
## 8 0.049663704 -0.1400816800 0.1503584300  
## 9 0.382673960 -0.3370736400 0.2192151300  
## 10 0.430694650 -0.3973414300 0.2667853500  
## 11 0.373112800 -0.3430332100 0.3449071300  
## 12 0.415857260 -0.2762635500 0.3496341900  
## 13 0.479832760 -0.3739670000 0.4152130200  
## 14 0.471040190 -0.3623790600 0.4075726400  
## 15 -0.520530440 0.4330236000 -0.4526969700  
## 16 0.028785268 -0.1342421800 0.2464529500  
## 17 0.071744981 -0.1896596300 0.3401255700  
## 18 0.088873196 -0.0875747550 0.2307962300  
## 19 0.235037670 -0.1593994200 0.3072472200  
## 20 0.258864600 -0.2432917800 0.5054627700  
## 21 0.379181520 -0.4114213700 0.8416637800  
## 22 0.491834070 -0.4733726100 0.6948749200  
## 23 0.562489510 -0.3807686500 0.1120085400  
## 24 0.514524520 -0.3543013900 0.1550630100  
## 25 0.368455600 -0.3247492600 0.3950831100  
## 26 0.375532870 -0.3203405300 0.4365874500  
## 27 0.566921660 -0.4827341300 0.5396608300  
## 28 -0.680112990 0.3151620100 0.0854901480  
## 29 -0.204337880 0.0657635450 -0.0823802700  
## 30 0.054501730 -0.0926288500 0.1704182100  
## 31 -0.504479270 0.4242733200 -0.5528966500  
## 32 -0.596584650 0.5148715500 -0.5602065200  
## 33 -0.815434730 0.7941846400 -0.8282780600  
## 34 -0.464710860 0.3602128900 -0.2734398100  
## 35 -0.042807522 0.0247153770 -0.1027109300  
## 36 0.391776180 -0.4255955700 0.6364977300  
## 37 0.485173750 -0.4730411000 0.7442852400  
## 38 0.289682210 -0.3088169500 0.4674343700  
## 39 -0.268993640 0.1880795900 -0.1713020800  
## 40 0.062678045 -0.0020708403 -0.1305923900  
## 41 0.173412120 -0.0958165940 -0.0555705220  
## 42 0.159987040 -0.0996125580 0.0681908180  
## 43 0.124903260 -0.0898207140 0.1588796800  
## 44 0.126192870 -0.2440781900 0.4887438200  
## 45 0.153920260 -0.2491693800 0.4074736400  
## 46 0.259591460 -0.2177301200 0.3518555400  
## 47 0.510861400 -0.4257495800 0.3573448100  
## 48 0.466102920 -0.4071317500 0.2436612400  
## 49 0.319715110 -0.2889422300 0.0785383330  
## 50 0.231662460 -0.1580392400 -0.0558554500  
## 51 0.321446470 -0.2112775800 0.2033330400  
## 52 -0.567937960 0.5682121000 -0.6235346600  
## 53 0.303159730 -0.1840101400 0.1234679600  
## 54 0.473281380 -0.3456974300 0.2008235400  
## 55 0.667267880 -0.5625668500 0.2800821700  
## 56 0.523870750 -0.3918436500 0.3020344000  
## 57 0.423354660 -0.3209596600 0.2857265500  
## 58 0.476707270 -0.3867187800 0.4099740300  
## 59 0.266163450 -0.2158199200 0.4897887000  
## 60 0.153347500 -0.0732730160 0.1965975600  
## 61 0.403171960 -0.2790765700 0.3002725100  
## 62 0.468275280 -0.3290873300 0.3073202600  
## 63 0.517299330 -0.3739047500 0.3177228300  
## 64 0.663835640 -0.5156883200 0.3264662700  
## 65 -0.267282640 0.1347799200 -0.0653521190  
## 66 -0.169693680 0.0623277130 -0.1477402300  
## 67 -0.660835940 0.5235404200 -0.2317880200  
## 68 -0.689010700 0.5554357200 -0.2910512000  
## 69 -0.847696490 0.7562588000 -0.6939885400  
## 70 -0.322171670 0.3889797800 -0.5215201600  
## 71 -0.367481340 0.2947559400 -0.4290546400  
## 72 -0.374984730 0.2772406900 -0.4263176800  
## 73 -0.499823740 0.3224840800 -0.4351279300  
## 74 -0.614294560 0.4280927100 -0.4137084000  
## 75 -0.032125526 -0.0943210640 0.1900809600  
## 76 0.360751700 -0.3526190800 0.1239879400  
## 77 0.358199120 -0.2965263000 0.1380617600  
## 78 0.409205830 -0.3190879500 0.3247483800  
## 79 0.071633848 -0.0883988450 -0.1029951900  
## 80 0.046100766 -0.0907421630 0.0071522924  
## 81 0.139415920 -0.2013803800 0.1037466900  
## 82 0.089020914 -0.1859417900 0.2028466900  
## 83 -0.013517842 -0.0540982190 0.0400232160  
## 84 -0.080544239 0.0024097269 -0.0141241580  
## 85 -0.060648025 0.0008663825 -0.0892763880  
## 86 0.099839719 -0.1350929200 0.0301422910  
## 87 -0.097309240 0.0251930850 0.0310416080  
## 88 0.053010495 -0.1342250900 0.0370927930  
## 89 0.138224870 -0.2917465800 0.4383373700  
## 90 0.075965531 -0.2264421000 0.4952526900  
## 91 -0.059955099 -0.0638210000 0.2491876000  
## 92 -0.090948792 0.0308085340 0.0479809220  
## 93 -0.031004900 -0.0010291740 -0.0779892470  
## 94 0.113852830 -0.1577004900 0.0295989210  
## 95 0.152759740 -0.1871141300 0.0809887060  
## 96 0.046200262 -0.1045319900 -0.0045539705  
## 97 0.045146890 -0.0530253300 -0.1464996400  
## 98 0.061571107 -0.0594000590 -0.0515903710  
## 99 0.137906330 -0.1794015800 0.2255724800  
## 100 0.212545490 -0.2224129600 0.2058445500  
## 101 0.097592246 -0.1454620700 0.1163081800  
## 102 0.095621340 -0.1255720000 -0.0615520560  
## 103 0.115020050 -0.1488498500 -0.0453046760  
## 104 0.098589622 -0.1270805900 -0.0446466880  
## 105 0.006834123 -0.0436560950 -0.0970995550  
## 106 -0.040788209 -0.1056936700 0.3285722200  
## 107 0.062276461 -0.1806585500 0.3508136300  
## 108 0.128398240 -0.1884978400 0.2531159000  
## 109 0.144790360 -0.1976774600 0.1741133400  
## 110 0.124954490 -0.2004172300 0.1547626900  
## 111 0.048119737 -0.1338544500 0.1033381000  
## 112 -0.006818309 -0.0543022810 0.1797838500  
## 113 0.136859180 -0.2239722300 0.2827849800  
## 114 0.185515700 -0.2739934200 0.4144561200  
## 115 -0.041971185 -0.1248941500 0.5325160100  
## 116 -0.079602956 -0.0455629660 0.2926979900  
## 117 0.018552979 -0.1590239800 0.3270656600  
## 118 0.166493110 -0.3113485300 0.3338459900  
## 119 0.124422640 -0.2599674500 0.4081230600  
## 120 -0.038122982 -0.0147438990 -0.0297562830  
## 121 -0.012179873 0.0070245367 -0.0881377610  
## 122 0.064252784 -0.1285504400 0.2511330000  
## 123 -0.019925406 -0.0817949940 0.3383315400  
## 124 -0.146720510 0.0540527520 0.1631646300  
## 125 -0.018326819 -0.1089683600 0.2658048800  
## 126 -0.107065640 0.1403910200 -0.1978032100  
## 127 0.013205649 -0.0234932050 0.1920615000  
## 128 -0.035541180 0.0284556230 0.2530427400  
## 129 -0.122338270 0.0498619600 0.2607489300  
## 130 -0.125334910 -0.0212167770 0.2401811000  
## 131 -0.180221550 0.1200142600 -0.0523288450  
## 132 -0.129588420 0.1195109400 -0.0335084080  
## 133 -0.078638364 0.0695137230 0.0438808530  
## 134 0.013183617 -0.0100746120 0.2863528100  
## 135 0.039330651 -0.1894231400 0.5420097400  
## 136 -0.210100720 0.1993501000 -0.1710985800  
## 137 0.105546000 -0.1465551900 0.1304313500  
## 138 0.003873213 -0.0660119580 0.1537331500  
## 139 -0.414867330 0.3705447400 -0.2214157300  
## 140 -0.024157120 -0.0375554310 0.1980244600  
## 141 -0.024928480 -0.0714817640 0.2220311400  
## 142 -0.201153530 0.0583814670 0.1423225700  
## 143 -0.230445540 0.1814680500 -0.0165579260  
## 144 -0.189027480 0.1559889900 -0.0472556660  
## 145 -0.045035181 -0.0051142644 0.0800440820  
## 146 -0.160231850 0.0396655520 0.0915984750  
## 147 -0.324404340 0.0934692840 0.2686026400  
## 148 -0.156721390 0.0824854450 0.0807386950  
## 149 -0.069460974 0.0345638620 0.1811355200  
## 150 -0.189500570 0.0564644910 0.3012755000  
## 151 -0.253645770 0.0734071330 0.3101355600  
## 152 -0.236702910 0.0856744780 0.1049482500  
## 153 -0.384452860 0.2713783700 -0.0644815440  
## 154 -0.484930070 0.4201914600 -0.2838411300  
## 155 -0.348736980 0.3151011900 -0.1913532100  
## 156 -0.170423230 0.1326931400 -0.1001700800  
## 157 -0.236987830 0.1343724500 -0.0430911980  
## 158 -0.206294380 0.1088719700 0.0171455510  
## 159 -0.355097980 0.2222409400 -0.1517912500  
## 160 -0.473742990 0.3316101300 -0.0916016650  
## 161 -0.272370510 0.1164457300 0.0736356600  
## 162 -0.214547080 0.1245499200 -0.1155334700  
## 163 -0.320336450 0.2748793000 -0.2398919400  
## 164 -0.363553310 0.3213510000 -0.1974104300  
## 165 -0.427555560 0.3233789800 -0.1983491000  
## 166 -0.611956730 0.4275846300 -0.1109613800  
## 167 -0.651123370 0.4732497900 -0.0403929140  
## 168 -0.476238020 0.3260327900 -0.1467862100  
## 169 -0.278903460 0.2369866800 -0.2133677200  
## 170 -0.287346860 0.2505250200 -0.2156539400  
## 171 -0.464660740 0.3618292400 -0.0682658760  
## 172 -0.380613940 0.3175043700 -0.0547894920  
## 173 -0.490032810 0.4281176900 -0.2537839500  
## 174 -0.378494160 0.2546173900 -0.1437065500  
## 175 -0.331605530 0.1705426000 0.0392080460  
## 176 -0.309904850 0.3301168000 -0.4827936100  
## 177 -0.111925050 -0.0749834020 0.1817093700  
## tBodyAccMag-arCoeff()4 tGravityAccMag-mean() tGravityAccMag-std()  
## 1 0.1918171500 -0.959433880 -0.95055150  
## 2 -0.4116748000 -0.979289150 -0.97605707  
## 3 -0.2961296600 -0.983703130 -0.98801962  
## 4 0.0371425090 -0.986541760 -0.98642135  
## 5 -0.3558507600 -0.992827150 -0.99127536  
## 6 -0.4815456900 -0.994294990 -0.99524897  
## 7 -0.0627012180 -0.987465700 -0.98274603  
## 8 0.0351372050 -0.977457660 -0.97599674  
## 9 -0.1617669300 -0.983630870 -0.97751373  
## 10 -0.0903310960 -0.986771970 -0.98670243  
## 11 -0.2767495300 -0.988040330 -0.98590171  
## 12 -0.5999291400 -0.994775630 -0.99611776  
## 13 -0.5343058200 -0.995325010 -0.99656707  
## 14 -0.5267360600 -0.996700130 -0.99839240  
## 15 0.3813480500 -0.904587780 -0.83989567  
## 16 -0.1058780900 -0.984463810 -0.98754846  
## 17 -0.1601039800 -0.989043070 -0.99093187  
## 18 -0.2997783300 -0.995071550 -0.99268417  
## 19 -0.4611155600 -0.998726810 -0.99741361  
## 20 -0.6077512400 -0.997972370 -0.99879494  
## 21 -0.8810286700 -0.998441330 -0.99798984  
## 22 -0.6693707700 -0.997891000 -0.99752775  
## 23 -0.1604592800 -0.995893460 -0.99728461  
## 24 -0.2212084700 -0.995215340 -0.99651065  
## 25 -0.4074392800 -0.994193440 -0.99494985  
## 26 -0.4865988600 -0.995749400 -0.99441625  
## 27 -0.5079206500 -0.998552500 -0.99776154  
## 28 0.1764438700 -0.554369200 -0.18717165  
## 29 0.2613751000 -0.934593770 -0.93195422  
## 30 -0.1827282800 -0.976994980 -0.97105963  
## 31 0.5664656700 -0.815758640 -0.50812531  
## 32 0.4693108700 -0.507396680 -0.49055481  
## 33 0.4882381100 -0.621027250 -0.48451097  
## 34 0.1989857300 -0.915953840 -0.89361999  
## 35 0.1024307800 -0.974805040 -0.95660840  
## 36 -0.5670037100 -0.995238360 -0.99550157  
## 37 -0.7573272100 -0.999067440 -0.99906531  
## 38 -0.3879327200 -0.998011800 -0.99559420  
## 39 0.1674457200 -0.926233340 -0.94594716  
## 40 0.0089512310 -0.968162890 -0.94767986  
## 41 0.0040910928 -0.992951060 -0.99577426  
## 42 -0.1453462200 -0.993437900 -0.99387550  
## 43 -0.2741697100 -0.990914070 -0.99281205  
## 44 -0.3524958800 -0.987547310 -0.99324099  
## 45 -0.2537942000 -0.990122640 -0.99402631  
## 46 -0.4915183000 -0.993024120 -0.99767465  
## 47 -0.3583436600 -0.994146360 -0.99825604  
## 48 -0.1106279900 -0.993548920 -0.99653821  
## 49 0.0968399040 -0.992640980 -0.99490770  
## 50 0.0644771830 -0.992051450 -0.99486796  
## 51 -0.3894865000 -0.991474710 -0.99536861  
## 52 0.3751150300 -0.905122910 -0.83169609  
## 53 -0.3148711000 -0.987446090 -0.97847045  
## 54 -0.2074679200 -0.997987630 -0.99609738  
## 55 -0.0733077290 -0.999504490 -0.99870535  
## 56 -0.3417707700 -0.999057730 -0.99827359  
## 57 -0.3060576600 -0.997429450 -0.99587294  
## 58 -0.4282028600 -0.997419660 -0.99633327  
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## 41 -0.992951060 -0.9999008 -0.99551693  
## 42 -0.993437900 -0.9999015 -0.99541072  
## 43 -0.990914070 -0.9998549 -0.99038875  
## 44 -0.987547310 -0.9997920 -0.99411719  
## 45 -0.990122640 -0.9998455 -0.99502728  
## 46 -0.993024120 -0.9999082 -0.99715909  
## 47 -0.994146360 -0.9999274 -0.99732715  
## 48 -0.993548920 -0.9999129 -0.99533715  
## 49 -0.992640980 -0.9998927 -0.99179797  
## 50 -0.992051450 -0.9998827 -0.99256639  
## 51 -0.991474710 -0.9998747 -0.99385354  
## 52 -0.905122910 -0.9914947 -0.87122077  
## 53 -0.987446090 -0.9997034 -0.98641994  
## 54 -0.997987630 -0.9999727 -0.99525244  
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## 56 -0.999057730 -0.9999918 -0.99630612  
## 57 -0.997429450 -0.9999651 -0.99449106  
## 58 -0.997419660 -0.9999665 -0.99591501  
## 59 -0.997282120 -0.9999591 -0.99600836  
## 60 -0.995770500 -0.9999360 -0.99340605  
## 61 -0.995868300 -0.9999444 -0.99420648  
## 62 -0.997588190 -0.9999708 -0.99656948  
## 63 -0.997867250 -0.9999792 -0.99736677  
## 64 -0.997318800 -0.9999728 -0.99576141  
## 65 -0.721626990 -0.9229399 -0.74231718  
## 66 -0.942902620 -0.9971456 -0.91019487  
## 67 -0.518427790 -0.7607672 0.12828636  
## 68 -0.362108240 -0.7314856 -0.13567442  
## 69 -0.676364250 -0.9468752 -0.82980516  
## 70 -0.634960060 -0.9295791 -0.84057402  
## 71 -0.062945893 -0.4187506 -0.08467829  
## 72 0.294838960 -0.1801745 -0.33463273  
## 73 -0.331015760 -0.6981911 0.12301778  
## 74 -0.849351620 -0.9809547 -0.90267392  
## 75 -0.950780660 -0.9973868 -0.89622326  
## 76 -0.989813350 -0.9998227 -0.99189064  
## 77 -0.990560140 -0.9998456 -0.99143035  
## 78 -0.992300700 -0.9998881 -0.99225600  
## 79 -0.224559620 -0.6716960 -0.30212121  
## 80 -0.126502690 -0.5991428 -0.25306176  
## 81 -0.160100010 -0.6315176 -0.38995894  
## 82 -0.073513080 -0.5555910 -0.38127494  
## 83 -0.049492050 -0.5397611 -0.39003755  
## 84 -0.077394435 -0.5667160 -0.40764808  
## 85 -0.095493110 -0.5799239 -0.45362780  
## 86 -0.113443280 -0.5927925 -0.39806079  
## 87 -0.169629600 -0.6491203 -0.43840012  
## 88 -0.107472340 -0.5904463 -0.38935066  
## 89 -0.129802930 -0.6100275 -0.46726061  
## 90 -0.104808760 -0.5904248 -0.46297058  
## 91 -0.063225767 -0.5509673 -0.37800569  
## 92 -0.017610633 -0.5003433 -0.30633808  
## 93 -0.035592505 -0.5175916 -0.24437273  
## 94 -0.062178356 -0.5524586 -0.28440942  
## 95 -0.072821245 -0.5575357 -0.37913677  
## 96 -0.089840429 -0.5706794 -0.38301423  
## 97 -0.113136280 -0.5942681 -0.36187624  
## 98 -0.206715790 -0.6650678 -0.38718964  
## 99 -0.046277939 -0.5357709 -0.28097580  
## 100 -0.006788252 -0.4995660 -0.32123201  
## 101 -0.044258164 -0.5411881 -0.39214696  
## 102 -0.041734145 -0.5241700 -0.37722858  
## 103 -0.083892745 -0.5515416 -0.41836919  
## 104 -0.070705961 -0.5382937 -0.31588417  
## 105 -0.069540692 -0.5449636 -0.30256306  
## 106 -0.086942954 -0.5717225 -0.37276888  
## 107 -0.064423256 -0.5414150 -0.34037110  
## 108 -0.046465246 -0.5325493 -0.41305240  
## 109 -0.066594317 -0.5623039 -0.47338847  
## 110 -0.104721850 -0.5896438 -0.36738822  
## 111 -0.146100560 -0.6207508 -0.34477838  
## 112 -0.028582068 -0.4952801 -0.18059732  
## 113 -0.111311720 -0.5929813 -0.37101137  
## 114 -0.126372480 -0.6112246 -0.51659928  
## 115 -0.105686140 -0.5864203 -0.44152930  
## 116 -0.083591000 -0.5646785 -0.38444870  
## 117 -0.067429345 -0.5609211 -0.41629830  
## 118 -0.120646470 -0.6080845 -0.40900608  
## 119 -0.237415250 -0.6937517 -0.44505594  
## 120 -0.250393640 -0.7005265 -0.37588244  
## 121 -0.243371870 -0.6945828 -0.35438276  
## 122 -0.246311570 -0.6987898 -0.51385409  
## 123 -0.193292510 -0.6556402 -0.47684229  
## 124 -0.164874500 -0.6340885 -0.38800369  
## 125 -0.206492270 -0.6715690 -0.50602103  
## 126 -0.170440850 -0.6256801 -0.38149936  
## 127 -0.048825749 -0.5201784 -0.40741363  
## 128 -0.088540677 -0.5356710 -0.35702374  
## 129 -0.098690394 -0.5289727 -0.34735850  
## 130 0.028422451 -0.3807923 -0.23521446  
## 131 0.080265708 -0.3317116 -0.28282889  
## 132 -0.025681958 -0.4634847 -0.52606061  
## 133 -0.070359730 -0.5331801 -0.23458871  
## 134 -0.077787454 -0.5475629 -0.19767115  
## 135 0.133358580 -0.2685841 -0.13747175  
## 136 0.122205780 -0.3058638 -0.20151491  
## 137 0.147554430 -0.2888230 -0.26860703  
## 138 0.100149980 -0.3383805 -0.34261161  
## 139 0.120906110 -0.3430612 -0.24183760  
## 140 0.073107976 -0.4001708 -0.23795653  
## 141 0.089121500 -0.3572993 -0.16880815  
## 142 0.172161270 -0.2617723 -0.01379041  
## 143 0.060417914 -0.4076453 -0.03909150  
## 144 0.059491854 -0.4166914 -0.21732432  
## 145 -0.018090242 -0.4948863 -0.44554993  
## 146 0.071970206 -0.3783008 -0.24193132  
## 147 0.040168399 -0.3787271 -0.05513545  
## 148 -0.059902458 -0.5160520 -0.29475051  
## 149 -0.017039858 -0.5063309 -0.38071862  
## 150 -0.015987782 -0.4852382 -0.26215046  
## 151 -0.144521220 -0.6336381 -0.48481176  
## 152 -0.180750290 -0.6673806 -0.52618944  
## 153 -0.142457910 -0.6467035 -0.55048733  
## 154 -0.114722580 -0.6081861 -0.42607659  
## 155 -0.113543410 -0.6038271 -0.40367948  
## 156 -0.160903100 -0.6567155 -0.55078135  
## 157 -0.155446530 -0.6500931 -0.45098118  
## 158 -0.136595560 -0.6359094 -0.45774228  
## 159 -0.088105584 -0.5729196 -0.36462838  
## 160 -0.153568090 -0.6380147 -0.43512972  
## 161 -0.127183700 -0.6314945 -0.51387210  
## 162 -0.132582130 -0.6390484 -0.56317340  
## 163 -0.210910600 -0.6954040 -0.59851983  
## 164 -0.162489970 -0.6546332 -0.58837641  
## 165 -0.193785910 -0.6654351 -0.43076617  
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## 167 -0.235804510 -0.7019856 -0.39217224  
## 168 -0.119610400 -0.6154678 -0.53201964  
## 169 -0.143934940 -0.6246812 -0.40799087  
## 170 -0.115904040 -0.6101672 -0.38866974  
## 171 -0.113249470 -0.6160625 -0.45323750  
## 172 -0.170195260 -0.6651323 -0.59316047  
## 173 -0.199625810 -0.6778120 -0.46065368  
## 174 -0.150632800 -0.6261992 -0.26454682  
## 175 -0.185247830 -0.6555346 -0.41118583  
## 176 -0.192335010 -0.6562010 -0.46182542  
## 177 -0.924606850 -0.9960587 -0.94448576  
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## 1 -0.23258164 -0.173178740  
## 2 -0.44187611 0.081568632  
## 3 -0.59993932 0.038049101  
## 4 -0.58900633 -0.092855878  
## 5 -0.70459880 0.180441050  
## 6 -0.78527148 0.370338620  
## 7 -0.58617597 0.155920000  
## 8 -0.44777480 0.049663704  
## 9 -0.49538336 0.382673960  
## 10 -0.61329295 0.430694650  
## 11 -0.61463968 0.373112800  
## 12 -0.84520103 0.415857260  
## 13 -0.86991263 0.479832760  
## 14 -0.92744189 0.471040190  
## 15 0.02351577 -0.520530440  
## 16 -0.61242297 0.028785268  
## 17 -0.70013106 0.071744981  
## 18 -0.76520087 0.088873196  
## 19 -0.91164086 0.235037670  
## 20 -0.90050551 0.258864600  
## 21 -0.89308352 0.379181520  
## 22 -0.92305351 0.491834070  
## 23 -0.90350711 0.562489510  
## 24 -0.84348671 0.514524520  
## 25 -0.79617070 0.368455600  
## 26 -0.80723755 0.375532870  
## 27 -0.91034855 0.566921660  
## 28 0.50515047 -0.680112990  
## 29 -0.14265732 -0.204337880  
## 30 -0.54095570 0.054501730  
## 31 0.05976542 -0.504479270  
## 32 0.66630239 -0.596584650  
## 33 0.49703540 -0.815434730  
## 34 0.06007779 -0.464710860  
## 35 -0.35975545 -0.042807522  
## 36 -0.81601335 0.391776180  
## 37 -0.89046364 0.485173750  
## 38 -0.84569950 0.289682210  
## 39 -0.16387595 -0.268993640  
## 40 -0.30477008 0.062678045  
## 41 -0.78870165 0.173412120  
## 42 -0.75696481 0.159987040  
## 43 -0.73894443 0.124903260  
## 44 -0.74299519 0.126192870  
## 45 -0.76779236 0.153920260  
## 46 -0.84819404 0.259591460  
## 47 -0.87549047 0.510861400  
## 48 -0.85250968 0.466102920  
## 49 -0.80832684 0.319715110  
## 50 -0.78311216 0.231662460  
## 51 -0.82233554 0.321446470  
## 52 0.14110184 -0.567937960  
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## 54 -0.82835121 0.473281380  
## 55 -0.87317390 0.667267880  
## 56 -0.86877896 0.523870750  
## 57 -0.84523817 0.423354660  
## 58 -0.86644394 0.476707270  
## 59 -0.83114529 0.266163450  
## 60 -0.79190157 0.153347500  
## 61 -0.84504869 0.403171960  
## 62 -0.91233781 0.468275280  
## 63 -0.94405478 0.517299330  
## 64 -0.96402265 0.663835640  
## 65 0.40202058 -0.267282640  
## 66 -0.12782387 -0.169693680  
## 67 0.30829357 -0.660835940  
## 68 0.77204404 -0.689010700  
## 69 0.40518679 -0.847696490  
## 70 0.41994029 -0.322171670  
## 71 0.86177315 -0.367481340  
## 72 0.81506713 -0.374984730  
## 73 0.76441710 -0.499823740  
## 74 0.16193509 -0.614294560  
## 75 -0.16277211 -0.032125526  
## 76 -0.68876959 0.360751700  
## 77 -0.71536080 0.358199120  
## 78 -0.76472242 0.409205830  
## 79 0.80179191 0.071633848  
## 80 0.87403064 0.046100766  
## 81 0.85755800 0.139415920  
## 82 0.84006762 0.089020914  
## 83 0.87430946 -0.013517842  
## 84 0.87852461 -0.080544239  
## 85 0.85545042 -0.060648025  
## 86 0.80867228 0.099839719  
## 87 0.76189413 -0.097309240  
## 88 0.80902321 0.053010495  
## 89 0.81425610 0.138224870  
## 90 0.83072874 0.075965531  
## 91 0.83174647 -0.059955099  
## 92 0.88867452 -0.090948792  
## 93 0.87266198 -0.031004900  
## 94 0.85864784 0.113852830  
## 95 0.82268641 0.152759740  
## 96 0.84712927 0.046200262  
## 97 0.83072874 0.045146890  
## 98 0.85060551 0.061571107  
## 99 0.84217520 0.137906330  
## 100 0.85271309 0.212545490  
## 101 0.85654027 0.097592246  
## 102 0.81956110 0.095621340  
## 103 0.81159089 0.115020050  
## 104 0.80234954 0.098589622  
## 105 0.81050104 0.006834123  
## 106 0.81077985 -0.040788209  
## 107 0.84400396 0.062276461  
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## 109 0.81214852 0.144790360  
## 110 0.81050104 0.124954490  
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## 112 0.82816106 -0.006818309  
## 113 0.80793336 0.136859180  
## 114 0.78742684 0.185515700  
## 115 0.81921017 -0.041971185  
## 116 0.87567812 -0.079602956  
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## 119 0.76087640 0.124422640  
## 120 0.77625920 -0.038122982  
## 121 0.81983992 -0.012179873  
## 122 0.83026864 0.064252784  
## 123 0.81608486 -0.019925406  
## 124 0.84986660 -0.146720510  
## 125 0.81425610 -0.018326819  
## 126 0.83768123 -0.107065640  
## 127 0.88309070 0.013205649  
## 128 0.83209741 -0.035541180  
## 129 0.81745352 -0.122338270  
## 130 0.85334284 -0.125334910  
## 131 0.86770791 -0.180221550  
## 132 0.78144738 -0.129588420  
## 133 0.79757675 -0.078638364  
## 134 0.77980756 0.013183617  
## 135 0.90222856 0.039330651  
## 136 0.89316850 -0.210100720  
## 137 0.89288968 0.105546000  
## 138 0.85334284 0.003873213  
## 139 0.89316850 -0.414867330  
## 140 0.87852461 -0.024157120  
## 141 0.93994664 -0.024928480  
## 142 0.85836903 -0.201153530  
## 143 0.88547710 -0.230445540  
## 144 0.86844682 -0.189027480  
## 145 0.83237622 -0.045035181  
## 146 0.83768123 -0.160231850  
## 147 0.89106092 -0.324404340  
## 148 0.87989328 -0.156721390  
## 149 0.84775902 -0.069460974  
## 150 0.87009430 -0.189500570  
## 151 0.80179191 -0.253645770  
## 152 0.76618141 -0.236702910  
## 153 0.79273185 -0.384452860  
## 154 0.78668793 -0.484930070  
## 155 0.80024196 -0.348736980  
## 156 0.77938451 -0.170423230  
## 157 0.80480805 -0.236987830  
## 158 0.78816576 -0.206294380  
## 159 0.85545042 -0.355097980  
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## 162 0.79648690 -0.214547080  
## 163 0.78633699 -0.320336450  
## 164 0.80308845 -0.363553310  
## 165 0.81921017 -0.427555560  
## 166 0.81425610 -0.611956730  
## 167 0.75392392 -0.651123370  
## 168 0.76168744 -0.476238020  
## 169 0.82166868 -0.278903460  
## 170 0.82331616 -0.287346860  
## 171 0.80445712 -0.464660740  
## 172 0.74935783 -0.380613940  
## 173 0.77067538 -0.490032810  
## 174 0.79164200 -0.378494160  
## 175 0.83385405 -0.331605530  
## 176 0.79996315 -0.309904850  
## 177 -0.01592767 -0.111925050  
## tGravityAccMag-arCoeff()2 tGravityAccMag-arCoeff()3  
## 1 -0.0228966600 0.0948315680  
## 2 -0.1093660600 0.3117577100  
## 3 -0.0742122710 0.2540759900  
## 4 0.0463961670 -0.0004664473  
## 5 -0.2776567200 0.5155624300  
## 6 -0.3934519000 0.5634830200  
## 7 -0.2399421600 0.2930264600  
## 8 -0.1400816800 0.1503584300  
## 9 -0.3370736400 0.2192151300  
## 10 -0.3973414300 0.2667853500  
## 11 -0.3430332100 0.3449071300  
## 12 -0.2762635500 0.3496341900  
## 13 -0.3739670000 0.4152130200  
## 14 -0.3623790600 0.4075726400  
## 15 0.4330236000 -0.4526969700  
## 16 -0.1342421800 0.2464529500  
## 17 -0.1896596300 0.3401255700  
## 18 -0.0875747550 0.2307962300  
## 19 -0.1593994200 0.3072472200  
## 20 -0.2432917800 0.5054627700  
## 21 -0.4114213700 0.8416637800  
## 22 -0.4733726100 0.6948749200  
## 23 -0.3807686500 0.1120085400  
## 24 -0.3543013900 0.1550630100  
## 25 -0.3247492600 0.3950831100  
## 26 -0.3203405300 0.4365874500  
## 27 -0.4827341300 0.5396608300  
## 28 0.3151620100 0.0854901480  
## 29 0.0657635450 -0.0823802700  
## 30 -0.0926288500 0.1704182100  
## 31 0.4242733200 -0.5528966500  
## 32 0.5148715500 -0.5602065200  
## 33 0.7941846400 -0.8282780600  
## 34 0.3602128900 -0.2734398100  
## 35 0.0247153770 -0.1027109300  
## 36 -0.4255955700 0.6364977300  
## 37 -0.4730411000 0.7442852400  
## 38 -0.3088169500 0.4674343700  
## 39 0.1880795900 -0.1713020800  
## 40 -0.0020708403 -0.1305923900  
## 41 -0.0958165940 -0.0555705220  
## 42 -0.0996125580 0.0681908180  
## 43 -0.0898207140 0.1588796800  
## 44 -0.2440781900 0.4887438200  
## 45 -0.2491693800 0.4074736400  
## 46 -0.2177301200 0.3518555400  
## 47 -0.4257495800 0.3573448100  
## 48 -0.4071317500 0.2436612400  
## 49 -0.2889422300 0.0785383330  
## 50 -0.1580392400 -0.0558554500  
## 51 -0.2112775800 0.2033330400  
## 52 0.5682121000 -0.6235346600  
## 53 -0.1840101400 0.1234679600  
## 54 -0.3456974300 0.2008235400  
## 55 -0.5625668500 0.2800821700  
## 56 -0.3918436500 0.3020344000  
## 57 -0.3209596600 0.2857265500  
## 58 -0.3867187800 0.4099740300  
## 59 -0.2158199200 0.4897887000  
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## 64 -0.5156883200 0.3264662700  
## 65 0.1347799200 -0.0653521190  
## 66 0.0623277130 -0.1477402300  
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## 73 0.3224840800 -0.4351279300  
## 74 0.4280927100 -0.4137084000  
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## 77 -0.2965263000 0.1380617600  
## 78 -0.3190879500 0.3247483800  
## 79 -0.0883988450 -0.1029951900  
## 80 -0.0907421630 0.0071522924  
## 81 -0.2013803800 0.1037466900  
## 82 -0.1859417900 0.2028466900  
## 83 -0.0540982190 0.0400232160  
## 84 0.0024097269 -0.0141241580  
## 85 0.0008663825 -0.0892763880  
## 86 -0.1350929200 0.0301422910  
## 87 0.0251930850 0.0310416080  
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## 90 -0.2264421000 0.4952526900  
## 91 -0.0638210000 0.2491876000  
## 92 0.0308085340 0.0479809220  
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## 92 0.75908933 0.068091365  
## 93 0.76910156 0.142537610  
## 94 0.80217789 0.240453550  
## 95 0.80189819 0.067580651  
## 96 0.79344087 -0.149977090  
## 97 0.84413596 -0.076894912  
## 98 0.79097448 -0.020017775  
## 99 0.77328537 0.075276407  
## 100 0.80041562 0.179882320  
## 101 0.76222465 0.341945590  
## 102 0.81366102 0.319484610  
## 103 0.76222465 0.140963510  
## 104 0.81658898 0.007027301  
## 105 0.75355228 -0.066659320  
## 106 0.74960333 -0.009116404  
## 107 0.76469104 0.111201650  
## 108 0.83395353 0.191667660  
## 109 0.80640656 0.194778710  
## 110 0.79481391 0.103058630  
## 111 0.78463148 0.001423311  
## 112 0.83899582 0.236065840  
## 113 0.75211457 0.278825460  
## 114 0.76018267 0.069527445  
## 115 0.76469104 -0.258864540  
## 116 0.76405927 -0.112641780  
## 117 0.80457193 -0.062789592  
## 118 0.76891970 0.094729949  
## 119 0.73925839 0.148964480  
## 120 0.74063144 -0.002061597  
## 121 0.73686435 -0.105066090  
## 122 0.72707929 0.218242450  
## 123 0.77303116 0.070605501  
## 124 0.74404647 -0.184821560  
## 125 0.72069099 -0.001402512  
## 126 0.68380071 -0.048182805  
## 127 0.73251849 -0.012437669  
## 128 0.78572483 0.017155698  
## 129 0.81373337 -0.027974013  
## 130 0.79608912 -0.170386790  
## 131 0.80915265 0.008653741  
## 132 0.75027995 0.060611078  
## 133 0.76754665 -0.102597190  
## 134 0.73519224 -0.251166060  
## 135 0.86481769 -0.032698967  
## 136 0.81556799 0.003738920  
## 137 0.86242365 -0.168902000  
## 138 0.85019924 -0.041773857  
## 139 0.79994637 -0.123326480  
## 140 0.79132653 -0.228109690  
## 141 0.85075866 0.116416420  
## 142 0.78572483 0.083889781  
## 143 0.81017364 -0.340203940  
## 144 0.77835316 -0.309650680  
## 145 0.78818353 -0.003859704  
## 146 0.81824174 0.053042239  
## 147 0.78407207 -0.006203901  
## 148 0.77131374 0.127688470  
## 149 0.79601677 0.175839750  
## 150 0.79372057 -0.007616835  
## 151 0.57632221 -0.092805325  
## 152 0.57677165 -0.267184770  
## 153 0.60677733 -0.247010190  
## 154 0.60826758 -0.156754910  
## 155 0.60986780 -0.216007260  
## 156 0.56791742 -0.200401300  
## 157 0.58813758 0.014575646  
## 158 0.63963862 0.034964527  
## 159 0.58569054 -0.056635603  
## 160 0.57841672 -0.029933904  
## 161 0.60224146 -0.003041467  
## 162 0.57593253 0.021700885  
## 163 0.51493826 0.013670914  
## 164 0.53441668 -0.110014940  
## 165 0.54260198 -0.208157610  
## 166 0.43655716 -0.180782940  
## 167 0.46737849 -0.482912230  
## 168 0.50519759 -0.124185990  
## 169 0.57091573 -0.267323200  
## 170 0.57948256 -0.277679720  
## 171 0.54322652 -0.230298750  
## 172 0.59384880 0.043954592  
## 173 0.55861329 0.067798025  
## 174 0.61172178 -0.086183565  
## 175 0.58543633 -0.029986099  
## 176 0.53155338 0.048526897  
## 177 -0.73629398 0.444741150  
## tBodyAccJerkMag-arCoeff()2 tBodyAccJerkMag-arCoeff()3  
## 1 -0.2373086900 -0.1054321900  
## 2 -0.2449413400 0.0561392720  
## 3 -0.2600880000 -0.1284159800  
## 4 -0.2474511500 -0.2303149100  
## 5 -0.1701208800 0.1343703500  
## 6 0.0178166200 -0.0685881670  
## 7 0.0615532280 -0.1870773400  
## 8 0.0351286680 -0.1699285700  
## 9 -0.3146113100 0.0354792080  
## 10 -0.2576121700 -0.1620321800  
## 11 -0.3876922500 -0.1101021100  
## 12 -0.5028343300 -0.0603996540  
## 13 -0.3056199000 -0.1186193000  
## 14 -0.4756359200 0.1111185900  
## 15 0.0305899910 -0.2188647300  
## 16 -0.2847240800 -0.0757784650  
## 17 -0.1963074200 -0.0738308760  
## 18 -0.3417449300 -0.0233632540  
## 19 -0.2464760300 -0.1099074000  
## 20 -0.0840964260 -0.2180544100  
## 21 -0.3455238200 0.2028560600  
## 22 -0.4642347300 0.1693721100  
## 23 -0.1786983700 -0.1767237900  
## 24 -0.1083192700 -0.0935778950  
## 25 -0.3377966600 -0.0064306353  
## 26 -0.3254526000 -0.0681662120  
## 27 -0.4066063600 -0.0774767720  
## 28 -0.3056004500 0.5977630900  
## 29 -0.2856379000 -0.1363600500  
## 30 -0.0979174550 -0.0099195714  
## 31 0.0126228680 -0.0379436860  
## 32 -0.0146733020 -0.0317518200  
## 33 -0.2709267500 0.1134374800  
## 34 -0.2128891500 -0.1512899300  
## 35 -0.2833072000 0.1490555100  
## 36 -0.0593035430 0.1934313000  
## 37 -0.4084978000 -0.0918124510  
## 38 -0.3990243700 -0.1213676300  
## 39 -0.2309328000 -0.3919940500  
## 40 -0.3309565800 -0.0157332510  
## 41 -0.2773495200 0.1716335900  
## 42 -0.2396170400 -0.0399936020  
## 43 -0.1295068500 -0.1583452000  
## 44 -0.3019672500 0.0536864310  
## 45 -0.4543292600 -0.0063449592  
## 46 -0.3635384600 0.1311700100  
## 47 -0.2323289900 0.1290119900  
## 48 -0.3716858800 -0.3098163500  
## 49 -0.3232846100 -0.4390465900  
## 50 -0.2539580600 -0.4854115300  
## 51 -0.2722665200 -0.2198236100  
## 52 0.1360093100 -0.6424289200  
## 53 -0.2062956600 -0.1568874400  
## 54 -0.3167775300 -0.0846096990  
## 55 -0.2325659000 0.0626982390  
## 56 -0.0910101610 -0.1553531100  
## 57 -0.1245451700 -0.2811997400  
## 58 -0.0799148490 -0.3000448500  
## 59 -0.0712525340 -0.3428878100  
## 60 -0.2200386800 -0.4115062500  
## 61 -0.1578747700 0.0482224010  
## 62 -0.0205678110 0.2230749600  
## 63 0.0051175226 -0.1700558100  
## 64 -0.1819507200 0.0339938550  
## 65 -0.2293688300 0.1044686900  
## 66 -0.2622423000 0.3085276500  
## 67 0.4060059600 -0.3018548400  
## 68 0.3739458300 -0.2263154000  
## 69 0.0812890970 0.0506811690  
## 70 -0.3477384700 0.0871234450  
## 71 -0.4500843600 -0.1209723800  
## 72 -0.3989220100 -0.2247562100  
## 73 0.2555035600 -0.0677931090  
## 74 -0.1714038900 -0.0413983680  
## 75 -0.4053874300 -0.0878773850  
## 76 -0.3831792300 -0.2115536200  
## 77 -0.2814297100 -0.0092785396  
## 78 -0.1244241800 0.0114833850  
## 79 0.1137420600 -0.6479729600  
## 80 -0.0874459300 -0.6341925400  
## 81 -0.2661200700 -0.4060209500  
## 82 -0.1383354800 -0.0853902290  
## 83 0.1341027200 0.0177731230  
## 84 0.0331533640 0.0651914660  
## 85 0.0734737930 -0.4666056800  
## 86 -0.0932671050 -0.4857008700  
## 87 0.0001222529 -0.2017903300  
## 88 -0.1521563200 -0.3146911100  
## 89 -0.0805614090 -0.0252122140  
## 90 -0.1002985600 0.0008455707  
## 91 -0.1960412900 -0.1037343600  
## 92 -0.2202587600 -0.1021976300  
## 93 -0.2898696400 -0.0682152750  
## 94 -0.1429811100 -0.2061076500  
## 95 0.0949324830 -0.4483850200  
## 96 0.2809977100 -0.4010608100  
## 97 0.1928357900 -0.3207076000  
## 98 0.0188128550 -0.2587422500  
## 99 0.0104341730 -0.0323558120  
## 100 -0.1475500900 0.0448237500  
## 101 -0.2877123000 0.1865550800  
## 102 -0.3914967100 0.1678891900  
## 103 -0.2728785900 -0.1778360300  
## 104 -0.0631658410 -0.4675860300  
## 105 0.0015049679 -0.3102595200  
## 106 -0.0922133780 0.2688663900  
## 107 -0.1844010200 0.2818076300  
## 108 -0.3116184500 0.1758265200  
## 109 -0.2615589400 -0.1476831100  
## 110 -0.1964216300 -0.1741045000  
## 111 -0.2347825900 0.0541091290  
## 112 -0.3697718800 -0.0631121060  
## 113 -0.2621884100 -0.1047827600  
## 114 -0.0382869960 -0.1768075100  
## 115 0.2097255600 0.0353105580  
## 116 0.0219623770 0.1744366400  
## 117 -0.0857211800 -0.0627890380  
## 118 -0.2934684800 -0.0350212100  
## 119 -0.3130353100 0.2514561900  
## 120 0.0001404168 -0.1420153300  
## 121 0.1250015100 -0.3557634600  
## 122 -0.2577501500 -0.2219779700  
## 123 -0.1697264500 -0.1117747800  
## 124 0.1582917400 -0.2220789500  
## 125 -0.1396881700 -0.1748216300  
## 126 0.0090149928 -0.0818805810  
## 127 -0.0034946773 0.0226350590  
## 128 -0.1686431800 -0.0213267470  
## 129 -0.0915796990 -0.1404324300  
## 130 0.1151202000 -0.0319608770  
## 131 -0.0774298000 -0.2325263800  
## 132 -0.1762818800 -0.3838771400  
## 133 0.0221385530 -0.2313778300  
## 134 0.1984369400 -0.2825027500  
## 135 -0.1982721200 0.0886333900  
## 136 -0.1624811500 -0.0050320604  
## 137 0.0913216850 -0.1479189500  
## 138 -0.1416282900 -0.0331268530  
## 139 -0.1651019500 0.3706331100  
## 140 0.1791911900 -0.2841568500  
## 141 -0.2068456000 -0.0437621450  
## 142 -0.2126592800 0.1276962400  
## 143 0.3418178000 0.0682513560  
## 144 0.2600121000 -0.0678090150  
## 145 -0.1050630100 -0.1983076600  
## 146 -0.1403230200 -0.2272810100  
## 147 -0.1012348700 -0.0255278360  
## 148 -0.1831268200 0.3270485900  
## 149 -0.3347083200 0.1961530200  
## 150 -0.1125858800 0.0164289030  
## 151 0.2261409700 0.1268961800  
## 152 0.3306300100 -0.0186238120  
## 153 0.3387208700 0.1775952600  
## 154 0.1980668300 0.1818446200  
## 155 0.2604011600 -0.0648800860  
## 156 0.2307507800 -0.0463153740  
## 157 -0.0282641590 0.1709245400  
## 158 -0.0260711800 0.0200418800  
## 159 0.3417469500 -0.3954932600  
## 160 0.2019190300 -0.3727204000  
## 161 0.0129732570 -0.3325148500  
## 162 0.1186611100 -0.4149715200  
## 163 0.3303856400 -0.6581284700  
## 164 0.4708855100 -0.7592440200  
## 165 0.5427441600 -0.7193069500  
## 166 0.3071992000 -0.0177953380  
## 167 0.3417026200 0.3658322900  
## 168 0.2586164500 -0.2502625300  
## 169 0.3300700600 -0.4753059600  
## 170 0.3808466400 -0.5090707800  
## 171 0.5451173500 -0.2510140500  
## 172 0.2424447700 -0.2808388500  
## 173 0.0767233600 -0.3684666500  
## 174 0.3089423800 -0.3818573200  
## 175 0.3629166700 -0.3750804600  
## 176 0.0938603520 -0.0800511270  
## 177 -0.2920408300 0.0463224980  
## tBodyAccJerkMag-arCoeff()4 tBodyGyroMag-mean() tBodyGyroMag-std()  
## 1 -0.0382123130 -0.968959080 -0.964335180  
## 2 -0.4583456800 -0.980683140 -0.983754190  
## 3 -0.5205411200 -0.976317070 -0.986051460  
## 4 -0.4364594000 -0.982059880 -0.987351120  
## 5 -0.4582990900 -0.985203730 -0.989062570  
## 6 -0.1661819600 -0.985894400 -0.986440270  
## 7 -0.2072857600 -0.985500690 -0.984625250  
## 8 -0.3433793800 -0.984505630 -0.986838340  
## 9 0.1610410000 -0.989369780 -0.990914460  
## 10 0.1773754800 -0.984524360 -0.980263790  
## 11 -0.1164917600 -0.985250700 -0.980247760  
## 12 -0.3345880200 -0.994286710 -0.995633740  
## 13 -0.1439992300 -0.996308090 -0.997387970  
## 14 -0.0075682460 -0.997672460 -0.998414650  
## 15 -0.1469895000 -0.840506080 -0.882544000  
## 16 -0.0758225720 -0.931278330 -0.923089610  
## 17 -0.3434576900 -0.972364430 -0.981893230  
## 18 -0.1816856600 -0.980489500 -0.988677710  
## 19 -0.2244497400 -0.988568970 -0.993882860  
## 20 -0.2000887600 -0.993472000 -0.995284370  
## 21 -0.2340211900 -0.996982740 -0.999001440  
## 22 0.0978928070 -0.997073630 -0.998432420  
## 23 -0.0880339180 -0.997622270 -0.997969070  
## 24 -0.3532353400 -0.997361980 -0.997723600  
## 25 -0.0145212450 -0.995698790 -0.997353090  
## 26 0.1037209100 -0.995266310 -0.996167020  
## 27 0.0961370780 -0.995826150 -0.995794620  
## 28 -0.0791182060 -0.873880100 -0.969767950  
## 29 0.1746519600 -0.895202710 -0.952744530  
## 30 -0.0675969520 -0.940965670 -0.954165230  
## 31 -0.5266571300 -0.681908450 -0.271364540  
## 32 -0.4278029000 -0.592879870 -0.357014170  
## 33 -0.2824538900 -0.853617420 -0.810636040  
## 34 -0.1663872300 -0.936177510 -0.967117240  
## 35 -0.0352047840 -0.963854230 -0.975098820  
## 36 -0.1913383900 -0.984304760 -0.986889860  
## 37 0.1528509600 -0.993888440 -0.993774200  
## 38 0.0130176160 -0.996631240 -0.996316760  
## 39 0.1669768400 -0.626075130 -0.836599350  
## 40 -0.0551015210 -0.788145220 -0.827689480  
## 41 -0.4425845100 -0.921598190 -0.892400400  
## 42 -0.1661938400 -0.982388200 -0.976539200  
## 43 0.0159343600 -0.985339980 -0.986211490  
## 44 -0.2249968900 -0.980753580 -0.989282270  
## 45 -0.2329777500 -0.988324570 -0.990262810  
## 46 -0.3240585700 -0.993564220 -0.994671420  
## 47 -0.4287861700 -0.994658560 -0.994460940  
## 48 0.3669052500 -0.995525740 -0.996520940  
## 49 0.4545768600 -0.995042930 -0.996372140  
## 50 0.2721183100 -0.994410550 -0.995574570  
## 51 0.0140973170 -0.993670300 -0.994287910  
## 52 0.6223954200 -0.777561780 -0.811648440  
## 53 -0.0266745110 -0.915218960 -0.898603960  
## 54 -0.1763693200 -0.973400950 -0.972910510  
## 55 0.0347763160 -0.982099080 -0.993051540  
## 56 -0.1097905900 -0.984412520 -0.994448230  
## 57 0.2017292900 -0.988145490 -0.996219720  
## 58 0.4085372200 -0.992512940 -0.993948180  
## 59 -0.2600994500 -0.995989300 -0.997748730  
## 60 -0.2567433900 -0.996831710 -0.998042380  
## 61 -0.2009405300 -0.997056250 -0.998527080  
## 62 -0.4163761300 -0.996619330 -0.999044180  
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## 65 -0.5893854600 -0.607384400 -0.799336510  
## 66 -0.1030663000 -0.751969170 -0.844587640  
## 67 0.1135349100 -0.599101830 -0.210745930  
## 68 0.0488787160 -0.547093370 -0.237494210  
## 69 -0.2798866800 -0.801574670 -0.759332080  
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## 73 -0.6813630700 -0.733580550 -0.718563380  
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## 76 0.1604910700 -0.951215360 -0.938294040  
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## 78 -0.2388992400 -0.992047650 -0.993634060  
## 79 0.4962580800 -0.034395601 -0.168186260  
## 80 0.6309566200 -0.140938230 -0.216055180  
## 81 0.4241485200 -0.094593563 -0.290847390  
## 82 -0.0038249083 -0.049340623 -0.090123903  
## 83 -0.1342786200 -0.021410464 -0.044636319  
## 84 0.0311425050 -0.138875310 -0.167307550  
## 85 0.4755458800 -0.196389870 -0.256099660  
## 86 0.4441117800 -0.146382510 -0.249081290  
## 87 0.1450151300 -0.214722040 -0.227929350  
## 88 0.3770378400 -0.178794540 -0.253423870  
## 89 0.1438304800 -0.186565460 -0.284364340  
## 90 0.0002960504 -0.162954120 -0.254478010  
## 91 0.0581714160 -0.075164913 -0.207691790  
## 92 0.2946969500 -0.099273959 -0.168998040  
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## 94 0.0009323857 -0.124089310 -0.214310240  
## 95 0.1711214800 -0.126386650 -0.113015520  
## 96 0.1591295100 -0.123044220 -0.124993180  
## 97 0.0805559850 -0.091700752 -0.099522253  
## 98 0.1961503400 -0.135993970 -0.142689620  
## 99 -0.1649086500 -0.039073593 -0.261322790  
## 100 -0.1519710400 -0.129628640 -0.235474140  
## 101 -0.3335907200 -0.192946220 -0.229352320  
## 102 -0.0806482070 -0.112013610 -0.138185320  
## 103 0.4159071900 -0.088644270 -0.115132340  
## 104 0.5556537600 -0.093538752 -0.111115270  
## 105 0.3722867400 -0.141954260 -0.181808990  
## 106 -0.2144123700 -0.211465540 -0.242287440  
## 107 -0.2556256800 -0.158392680 -0.180438430  
## 108 -0.0768083060 -0.113072030 -0.195497830  
## 109 0.2015081200 -0.105370890 -0.204713080  
## 110 0.2694318200 -0.094159584 -0.149721580  
## 111 0.2285245200 -0.129153230 -0.148609950  
## 112 0.2058995000 0.080741014 -0.054343677  
## 113 0.0361309810 -0.088967213 -0.173577130  
## 114 0.0735544280 -0.132053540 -0.211740700  
## 115 -0.0626838050 -0.114566560 -0.176499820  
## 116 -0.1190295200 -0.143820460 -0.148663800  
## 117 0.2282529600 -0.176352390 -0.215382940  
## 118 0.2738314300 -0.198187390 -0.306289200  
## 119 -0.0862737050 -0.208456920 -0.259883840  
## 120 0.0817502620 -0.245563500 -0.199265900  
## 121 0.2632399800 -0.258947690 -0.211654180  
## 122 0.2240107400 -0.188040210 -0.227373580  
## 123 0.1928171900 -0.084250228 -0.277121250  
## 124 0.1824972400 -0.102054540 -0.204400330  
## 125 0.3408392600 -0.221462740 -0.111906420  
## 126 0.1651146400 -0.380148630 -0.456242430  
## 127 -0.0299697940 -0.318154100 -0.285041390  
## 128 0.2130188100 -0.034722567 -0.039304038  
## 129 0.2856687900 -0.001720524 -0.143907880  
## 130 0.0683338860 -0.207916610 -0.390701520  
## 131 0.3339918100 0.008441575 -0.160832840  
## 132 0.5879366000 0.069394797 -0.218374370  
## 133 0.4069810200 -0.133609780 -0.441985400  
## 134 0.3765854900 -0.254896830 -0.391095520  
## 135 0.2366091300 -0.066701101 -0.107861380  
## 136 0.2250481300 -0.113039590 -0.181948480  
## 137 0.2610875600 0.131041710 0.070014431  
## 138 0.2745315600 0.164313710 0.073314928  
## 139 -0.0544592720 0.030720346 -0.023868319  
## 140 0.3393945600 0.017206344 0.038888130  
## 141 0.1622363500 -0.008343083 -0.194324130  
## 142 0.0202819440 -0.078489390 -0.379919650  
## 143 -0.1465966800 -0.104457920 -0.262906480  
## 144 0.1169591800 -0.115798860 -0.213528860  
## 145 0.3273032600 0.110598560 0.048261980  
## 146 0.3304729800 0.140530660 0.015332393  
## 147 0.1462413300 -0.014713381 -0.164430390  
## 148 -0.3634136000 -0.050395776 -0.195859060  
## 149 -0.0541830900 -0.095271912 -0.385440030  
## 150 0.1105483300 -0.142730820 -0.409922230  
## 151 -0.4429663100 -0.217570190 -0.160708640  
## 152 -0.1839345200 -0.282302360 -0.183663320  
## 153 -0.4352625600 -0.050825995 0.101300390  
## 154 -0.3283372500 0.013820270 0.008518332  
## 155 -0.0482589480 -0.161205300 -0.214250580  
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## 159 -0.0791425020 -0.217829070 -0.200289010  
## 160 0.0734384690 -0.257769720 -0.147183520  
## 161 0.2705075900 -0.004317202 0.098520781  
## 162 0.1503223200 0.015006792 0.001209953  
## 163 0.1178401200 -0.198316510 -0.357036210  
## 164 0.2145864400 -0.241127090 -0.293245690  
## 165 0.2011651600 -0.216744920 -0.323382560  
## 166 -0.2763190900 -0.182911950 -0.345185240  
## 167 -0.2982155700 -0.294346770 -0.258686660  
## 168 -0.0048127209 -0.072142793 -0.248795220  
## 169 0.3868341900 -0.201621080 -0.190550390  
## 170 0.3379350500 -0.007828562 0.114369360  
## 171 -0.3164105400 0.018036168 -0.005496678  
## 172 -0.1881093300 -0.265857210 -0.359110140  
## 173 0.1404782000 -0.316586040 -0.293081370  
## 174 0.0090731482 -0.188701310 -0.269182310  
## 175 -0.1676181900 -0.162048980 -0.354691980  
## 176 -0.1688802800 -0.205894060 -0.354565170  
## 177 -0.3172702100 -0.883424990 -0.882089100  
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## 2 -0.9820027000 -0.98471460 -0.99155366 -0.980683140  
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## 4 -0.9856316200 -0.99002906 -0.98168559 -0.982059880  
## 5 -0.9896133700 -0.98702854 -0.98168559 -0.985203730  
## 6 -0.9863045600 -0.98702854 -0.99036050 -0.985894400  
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## 8 -0.9857492300 -0.98799640 -0.99317783 -0.984505630  
## 9 -0.9899020200 -0.99070265 -0.99193469 -0.989369780  
## 10 -0.9771521300 -0.98571654 -0.99193469 -0.984524360  
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## 12 -0.9956132000 -0.99574306 -0.99348434 -0.994286710  
## 13 -0.9970481400 -0.99776181 -0.99695083 -0.996308090  
## 14 -0.9981836800 -0.99853329 -0.99737277 -0.997672460  
## 15 -0.8714345000 -0.89525167 -0.74560010 -0.840506080  
## 16 -0.9059759800 -0.95385803 -0.94896306 -0.931278330  
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## 22 -0.9983163500 -0.99803535 -0.99230278 -0.997073630  
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## 28 -0.9707557100 -0.93837213 -0.81114604 -0.873880100  
## 29 -0.9422317000 -0.95495767 -0.82256369 -0.895202710  
## 30 -0.9459351900 -0.96533655 -0.90926131 -0.940965670  
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## 33 -0.7947640800 -0.85609561 -0.87650551 -0.853617420  
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## 42 -0.9737730200 -0.98148041 -0.98201948 -0.982388200  
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## 53 -0.8798764500 -0.93711704 -0.95398122 -0.915218960  
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## 51 -0.9999513 -0.9953615200 -0.559459430  
## 52 -0.9735946 -0.7394621200 0.731250020  
## 53 -0.9952519 -0.8747484700 0.511478760  
## 54 -0.9994872 -0.9734050900 -0.086295986  
## 55 -0.9997880 -0.9919320800 -0.466446370  
## 56 -0.9998326 -0.9937907600 -0.504069100  
## 57 -0.9998930 -0.9958656200 -0.617966860  
## 58 -0.9999396 -0.9897888400 -0.526136080  
## 59 -0.9999765 -0.9982392700 -0.734939270  
## 60 -0.9999825 -0.9972329100 -0.774124190  
## 61 -0.9999845 -0.9977944700 -0.781641410  
## 62 -0.9999824 -0.9987581400 -0.820781070  
## 63 -0.9999786 -0.9981824800 -0.764485310  
## 64 -0.9999753 -0.9968169900 -0.671737320  
## 65 -0.9281587 -0.8682906200 0.665861950  
## 66 -0.9698966 -0.7946577300 0.675920240  
## 67 -0.8502692 -0.6031732500 0.702297060  
## 68 -0.8366659 -0.6413735600 0.821366650  
## 69 -0.9750295 -0.7492317500 0.769347090  
## 70 -0.9239069 -0.6261098500 0.803919000  
## 71 -0.6377623 -0.4556280100 0.850391250  
## 72 -0.6820440 -0.4479009500 0.811908740  
## 73 -0.9586773 -0.8661596800 0.651842560  
## 74 -0.9797934 -0.8657672600 0.462455620  
## 75 -0.9920579 -0.8876922400 0.425441280  
## 76 -0.9982763 -0.9056581500 0.227142800  
## 77 -0.9998203 -0.9890206400 -0.245760590  
## 78 -0.9999341 -0.9904133300 -0.482705450  
## 79 -0.5135152 -0.1010419000 0.137033850  
## 80 -0.6059295 0.0528563160 0.267017580  
## 81 -0.5855884 -0.1622876700 0.272085300  
## 82 -0.5081953 -0.0688371880 0.299421790  
## 83 -0.4744439 -0.0259215660 0.200174990  
## 84 -0.5942961 0.0711137430 0.346926520  
## 85 -0.6529261 -0.1002829300 0.463208870  
## 86 -0.6164023 -0.2151450500 0.419669800  
## 87 -0.6598021 -0.1004039500 0.527979830  
## 88 -0.6402777 -0.0009637106 0.324584450  
## 89 -0.6514863 -0.0156648560 0.344832730  
## 90 -0.6293309 -0.1900576300 0.424301110  
## 91 -0.5544524 -0.0658786810 0.172460700  
## 92 -0.5650524 -0.0082690914 0.209175810  
## 93 -0.6246136 -0.1712054900 0.339285420  
## 94 -0.5931729 -0.1892305800 0.375292510  
## 95 -0.5731076 0.0737180270 0.416485790  
## 96 -0.5733360 0.1008622200 0.429404700  
## 97 -0.5437852 0.1292627100 0.385569860  
## 98 -0.5868411 -0.0310064030 0.512359510  
## 99 -0.5361373 -0.1100061100 0.115459280  
## 100 -0.6014946 -0.0755060500 0.235669520  
## 101 -0.6453640 -0.1228148500 0.438675020  
## 102 -0.5680189 0.0020325514 0.334383230  
## 103 -0.5450057 0.0316575600 0.312194010  
## 104 -0.5478650 -0.0891204010 0.375292510  
## 105 -0.5996186 -0.0996071510 0.346926520  
## 106 -0.6604496 -0.0196207900 0.391933260  
## 107 -0.6111874 -0.0151677370 0.344102460  
## 108 -0.5810873 0.0339570980 0.265499850  
## 109 -0.5771607 0.0906813310 0.210271400  
## 110 -0.5569683 0.0638122980 0.249896070  
## 111 -0.5831049 0.0600068100 0.370741180  
## 112 -0.3876161 0.1627839500 0.106270050  
## 113 -0.5581054 -0.0838286690 0.301099390  
## 114 -0.5985464 -0.1020120400 0.372381450  
## 115 -0.5782367 0.0249545220 0.316381600  
## 116 -0.5938658 0.0558343980 0.317464320  
## 117 -0.6310853 -0.0776023710 0.422033100  
## 118 -0.6634286 -0.1717672600 0.474153990  
## 119 -0.6618196 -0.1845019500 0.535620940  
## 120 -0.6741713 -0.1080032700 0.596488270  
## 121 -0.6852017 -0.0328691110 0.543373960  
## 122 -0.6415998 -0.1569317900 0.506241310  
## 123 -0.5750695 -0.2764153500 0.383929590  
## 124 -0.5745745 -0.1439263300 0.374663060  
## 125 -0.6395271 -0.0004154508 0.530073630  
## 126 -0.7971985 -0.3981533100 0.858032350  
## 127 -0.7351713 -0.3656663800 0.839405080  
## 128 -0.4841068 -0.0131464200 0.290821010  
## 129 -0.4810352 -0.0787368310 0.163459880  
## 130 -0.6841617 -0.3790813700 0.574299040  
## 131 -0.4760740 -0.1959397800 0.180101800  
## 132 -0.4343591 -0.3278661300 0.011496604  
## 133 -0.6395615 -0.3786405300 0.459374500  
## 134 -0.7148878 -0.4384421600 0.687266600  
## 135 -0.5261745 -0.1270768800 0.341379220  
## 136 -0.5782377 -0.0732827080 0.475014130  
## 137 -0.3082706 0.1655678600 0.076594628  
## 138 -0.2749936 0.1094501000 -0.004271337  
## 139 -0.4248735 -0.1163597800 0.228028420  
## 140 -0.4203719 -0.1225765100 0.327460540  
## 141 -0.4973893 -0.4182222300 0.371837830  
## 142 -0.5883366 -0.4942281300 0.435322840  
## 143 -0.5879299 -0.0730570230 0.391117170  
## 144 -0.5868234 -0.0866418470 0.324003210  
## 145 -0.3336105 0.2894843400 0.030122374  
## 146 -0.3137743 0.0709299810 0.057858910  
## 147 -0.4964254 -0.1835616200 0.240101730  
## 148 -0.5323302 -0.1931463800 0.278592280  
## 149 -0.6022162 -0.4185594200 0.452824900  
## 150 -0.6414940 -0.4978181100 0.625260400  
## 151 -0.6477778 -0.0622817270 0.570433530  
## 152 -0.6938995 -0.0125360030 0.563526510  
## 153 -0.4599594 0.2606022500 0.319835110  
## 154 -0.4312715 -0.1183366700 0.406118820  
## 155 -0.6201690 -0.2446775800 0.491530000  
## 156 -0.6608446 -0.0553420030 0.488076490  
## 157 -0.6454200 -0.1934207800 0.571844580  
## 158 -0.6046349 -0.1597755800 0.509694820  
## 159 -0.6562860 -0.0369949380 0.488076490  
## 160 -0.6708632 0.0687879200 0.541168250  
## 161 -0.4223814 0.0927356650 0.243555240  
## 162 -0.4321366 -0.0802802740 0.218293520  
## 163 -0.6722416 -0.3052424600 0.530868300  
## 164 -0.6895327 -0.1776230000 0.561432720  
## 165 -0.6789290 -0.2625193600 0.573092370  
## 166 -0.6596776 -0.2477936100 0.495486220  
## 167 -0.7162023 -0.0233923110 0.531602380  
## 168 -0.5602321 -0.0139618090 0.115748710  
## 169 -0.6433962 0.1338854700 0.369115750  
## 170 -0.4208398 0.1860921400 0.211269600  
## 171 -0.4312437 -0.1359806700 0.355739530  
## 172 -0.7166297 -0.3788257300 0.692238770  
## 173 -0.7357316 -0.3336160400 0.683813090  
## 174 -0.6501358 -0.2468619600 0.514960460  
## 175 -0.6466120 -0.3206881200 0.588486500  
## 176 -0.6769655 -0.1494339000 0.539525150  
## 177 -0.9919555 -0.8611511400 0.508740170  
## tBodyGyroMag-arCoeff()1 tBodyGyroMag-arCoeff()2 tBodyGyroMag-arCoeff()3  
## 1 0.5725114200 -0.738602190 0.212577760  
## 2 -0.2253173800 -0.017059623 0.155777240  
## 3 -0.2268309300 0.059680819 0.061476177  
## 4 -0.2019850100 0.054711916 0.110071560  
## 5 -0.2369925700 0.093820007 0.023332720  
## 6 -0.1726625300 -0.007801159 0.095891245  
## 7 -0.0992591220 -0.091254239 0.196340640  
## 8 -0.0535556390 -0.126589960 0.227078400  
## 9 -0.0936973880 0.062756526 -0.110989530  
## 10 -0.1562922000 0.117166240 -0.099525400  
## 11 -0.0688815740 -0.026641108 0.138314540  
## 12 0.3509023200 -0.472024220 0.516623870  
## 13 0.2628139800 -0.332948780 0.395177500  
## 14 0.2921354200 -0.275355050 0.184877530  
## 15 -0.1392244400 -0.048703944 -0.043866658  
## 16 -0.2581495900 0.187301010 -0.253422630  
## 17 -0.1759099000 0.097815091 -0.126262400  
## 18 -0.0480305660 -0.089795689 0.087035260  
## 19 -0.0635739130 -0.119038910 0.208811960  
## 20 0.0927706000 -0.187528430 0.037083444  
## 21 0.4429120800 -0.427578050 0.257022650  
## 22 0.4057724000 -0.397953970 0.371947910  
## 23 0.3075529800 -0.362035870 0.368370510  
## 24 0.4413230100 -0.454993140 0.286861580  
## 25 0.3663655800 -0.418274360 0.301189880  
## 26 0.2083755500 -0.368599690 0.421278400  
## 27 0.2336613700 -0.291873980 0.246456420  
## 28 -0.6447100400 0.684799150 -0.525701460  
## 29 -0.1113254400 -0.013050729 0.035322091  
## 30 -0.1733813300 0.040671218 0.020874798  
## 31 -0.7868637800 0.677759370 -0.363357620  
## 32 -0.7090899900 0.590791260 -0.325477640  
## 33 -0.2174539500 0.096247375 -0.030694438  
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## 35 0.3177442100 -0.413029460 0.278758690  
## 36 0.7165125300 -0.711304030 0.463080400  
## 37 0.6051562500 -0.594977840 0.475762490  
## 38 0.5541918300 -0.521697680 0.277838880  
## 39 -0.2904921500 0.121092920 -0.190699280  
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## 41 -0.2065079500 -0.074240341 0.161168620  
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## 56 0.0396890280 -0.142276400 0.016237234  
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## 58 0.2107220800 -0.249465920 -0.019469055  
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## 61 0.2785966800 -0.314165880 0.200952460  
## 62 0.5474716300 -0.615861900 0.411790450  
## 63 0.4875093800 -0.552766450 0.399415930  
## 64 0.2904780100 -0.270053710 0.142085960  
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## 66 -0.2857782400 0.060031566 -0.073962298  
## 67 -0.7554837100 0.635201860 -0.326867110  
## 68 -0.7612240900 0.656430330 -0.361249340  
## 69 -0.6873164900 0.644763830 -0.392033920  
## 70 -0.2473250200 0.055668065 0.071166132  
## 71 -0.3676584100 0.065948647 0.260219130  
## 72 -0.2757316900 -0.030634947 0.329297400  
## 73 -0.6723556100 0.665116670 -0.539322250  
## 74 -0.2318373500 0.139052010 -0.095643388  
## 75 -0.1284891600 0.071303547 -0.096895329  
## 76 -0.0343832810 -0.179763570 0.321143820  
## 77 0.2171014300 -0.390308050 0.466768470  
## 78 0.2241356200 -0.368759170 0.473875050  
## 79 0.1102777100 -0.211774280 0.294424530  
## 80 0.1692098400 -0.191863060 0.203545160  
## 81 0.2377205400 -0.238541050 0.016162243  
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## 83 0.3040239700 -0.283233570 0.278475180  
## 84 0.3778543700 -0.424344080 0.391251350  
## 85 0.3332631900 -0.372070290 0.298804250  
## 86 0.3522469600 -0.365193270 0.320186000  
## 87 -0.0015879448 -0.028831011 0.038606806  
## 88 0.3389116100 -0.342785500 0.225593700  
## 89 0.3998946200 -0.401307310 0.264796340  
## 90 0.3446112800 -0.276106670 0.064704075  
## 91 0.4093374100 -0.382967570 0.167466060  
## 92 0.4489782700 -0.452591430 0.302608780  
## 93 0.4857837300 -0.487285090 0.308916110  
## 94 0.3333438700 -0.382219350 0.382005140  
## 95 0.1676252700 -0.183488470 0.202027460  
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## 97 0.3345886000 -0.320303330 0.243922110  
## 98 0.1828984000 -0.190526110 0.274275640  
## 99 0.1758363800 -0.134456370 0.065365432  
## 100 0.0981124920 -0.110370580 0.028677683  
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## 102 0.6472179300 -0.571153370 0.315449560  
## 103 0.6277197700 -0.577467290 0.354736920  
## 104 0.3400368000 -0.279806130 0.149981410  
## 105 0.3737736200 -0.351639080 0.180699070  
## 106 0.3122898900 -0.364411930 0.258788320  
## 107 0.3181158900 -0.326224220 0.263648630  
## 108 0.2244100300 -0.254278660 0.200570170  
## 109 0.1579912500 -0.096071645 -0.116198310  
## 110 0.1764440000 -0.093966243 -0.018781832  
## 111 0.1662692600 -0.132385380 0.191351330  
## 112 0.3300184400 -0.509097890 0.525613580  
## 113 0.4118207900 -0.519217410 0.370930560  
## 114 0.3065880000 -0.297821590 0.080190104  
## 115 0.2271024800 -0.161189820 0.012657524  
## 116 0.3139555000 -0.314450990 0.272949070  
## 117 0.3553759500 -0.360145520 0.251289310  
## 118 0.3328679100 -0.353665830 0.249781680  
## 119 0.2317840400 -0.284436310 0.259401120  
## 120 0.0511785020 -0.037065890 -0.019045678  
## 121 0.1028534200 -0.049216870 -0.054529374  
## 122 0.0846742730 -0.035667031 -0.088968294  
## 123 -0.0006939846 0.052533899 -0.117099880  
## 124 0.0124441340 -0.024445168 0.081220163  
## 125 0.0843075880 -0.087770242 0.044230399  
## 126 0.4042089600 -0.461408300 0.390876870  
## 127 0.5017454400 -0.513210790 0.334300290  
## 128 0.4587296600 -0.523499620 0.357382300  
## 129 0.2130753100 -0.381068780 0.579998110  
## 130 0.1486328300 -0.202005730 0.214793860  
## 131 0.3713714500 -0.350437130 0.161269890  
## 132 0.4789258700 -0.460127390 0.241278540  
## 133 0.3712086500 -0.441161180 0.412939190  
## 134 0.3975083500 -0.473480830 0.461828070  
## 135 0.5568321200 -0.672101960 0.504068190  
## 136 0.3744105900 -0.446775400 0.385726320  
## 137 0.2978683400 -0.365320080 0.295859960  
## 138 0.1745022800 -0.209667540 0.085115067  
## 139 0.3531376600 -0.364620240 0.202480160  
## 140 0.3908172400 -0.566054890 0.557571220  
## 141 0.2657627700 -0.469213880 0.647069440  
## 142 -0.0482945850 0.005794620 0.025955808  
## 143 -0.0520855540 -0.087254741 0.271113970  
## 144 0.1029985100 -0.268169120 0.422531230  
## 145 0.4025170000 -0.632013510 0.667648750  
## 146 0.4528254900 -0.602944790 0.632959470  
## 147 0.2644879600 -0.380826650 0.459599650  
## 148 0.1054454800 -0.214366690 0.075761050  
## 149 0.1704800700 -0.243822510 0.219966570  
## 150 -0.0094806812 -0.116439020 0.350041540  
## 151 -0.4554252200 0.371053570 -0.015494076  
## 152 -0.3631387600 0.256644700 0.107798830  
## 153 -0.3871948600 0.270548570 -0.096989421  
## 154 -0.4979861900 0.394730200 -0.158171530  
## 155 -0.5472447700 0.495231380 -0.183280920  
## 156 -0.4885291500 0.426082870 -0.232639330  
## 157 -0.2800849000 0.214699580 -0.023272067  
## 158 -0.3139174700 0.263686270 -0.052697931  
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## 162 -0.2945352400 0.164460030 0.041815293  
## 163 -0.4070356600 0.323283910 -0.054413872  
## 164 -0.2801545700 0.184660620 0.045886299  
## 165 -0.2539618800 0.137473250 0.072670444  
## 166 -0.1838744600 -0.066017970 0.453833560  
## 167 -0.1977738200 -0.016608335 0.334664650  
## 168 -0.5065761100 0.478734350 -0.432013270  
## 169 -0.5021183100 0.453247430 -0.294096450  
## 170 -0.5540485700 0.512693830 -0.382095590  
## 171 -0.4210373800 0.361755280 -0.351589050  
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## 173 -0.2768061000 0.208782430 -0.121871530  
## 174 -0.3911600600 0.352099790 -0.275494550  
## 175 -0.4341284300 0.405180610 -0.284762320  
## 176 -0.4020710000 0.302310390 -0.012713278  
## 177 0.3744360400 -0.575797070 0.347318950  
## tBodyGyroMag-arCoeff()4 tBodyGyroJerkMag-mean() tBodyGyroJerkMag-std()  
## 1 0.4334049500 -0.9942478 -0.99136761  
## 2 0.0825752080 -0.9951232 -0.99610164  
## 3 0.0417021260 -0.9934032 -0.99509104  
## 4 -0.0794225930 -0.9955022 -0.99526660  
## 5 0.0390389760 -0.9958076 -0.99525804  
## 6 0.0697559560 -0.9952748 -0.99520498  
## 7 -0.0113179020 -0.9937188 -0.99526950  
## 8 -0.0643883450 -0.9942907 -0.99521070  
## 9 0.1157817900 -0.9958495 -0.99558830  
## 10 0.0709650890 -0.9897993 -0.99073520  
## 11 -0.1429914100 -0.9912612 -0.99034063  
## 12 -0.4154633400 -0.9977610 -0.99781536  
## 13 -0.3984873700 -0.9986015 -0.99915139  
## 14 -0.2097283700 -0.9983345 -0.99915859  
## 15 0.3411440300 -0.9914491 -0.98971134  
## 16 0.2989976100 -0.9968019 -0.99809793  
## 17 0.1627305300 -0.9969056 -0.99779235  
## 18 0.0540922700 -0.9970015 -0.99768614  
## 19 -0.0453045700 -0.9980807 -0.99848741  
## 20 0.1644997300 -0.9986959 -0.99967043  
## 21 -0.2249911300 -0.9984329 -0.99918860  
## 22 -0.4447585100 -0.9981884 -0.99867706  
## 23 -0.3334297500 -0.9985293 -0.99891331  
## 24 -0.1788372600 -0.9983214 -0.99893826  
## 25 -0.1717616300 -0.9974098 -0.99890363  
## 26 -0.2223703600 -0.9971719 -0.99868261  
## 27 -0.1645271400 -0.9971742 -0.99829940  
## 28 0.1605685300 -0.9902348 -0.98011390  
## 29 0.0437508900 -0.9980877 -0.99875192  
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## 154 0.0354305860 -0.5797910 -0.61090800  
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## 10 -0.9897993 -0.9999075 -0.9896253  
## 11 -0.9912612 -0.9999202 -0.9892153  
## 12 -0.9977610 -0.9999883 -0.9970826  
## 13 -0.9986015 -0.9999941 -0.9985016  
## 14 -0.9983345 -0.9999929 -0.9991278  
## 15 -0.9914491 -0.9999191 -0.9914879  
## 16 -0.9968019 -0.9999839 -0.9982958  
## 17 -0.9969056 -0.9999839 -0.9980217  
## 18 -0.9970015 -0.9999842 -0.9978290  
## 19 -0.9980807 -0.9999909 -0.9989592  
## 20 -0.9986959 -0.9999951 -0.9994095  
## 21 -0.9984329 -0.9999934 -0.9986976  
## 22 -0.9981884 -0.9999916 -0.9982525  
## 23 -0.9985293 -0.9999934 -0.9989229  
## 24 -0.9983214 -0.9999926 -0.9989830  
## 25 -0.9974098 -0.9999883 -0.9988831  
## 26 -0.9971719 -0.9999868 -0.9977693  
## 27 -0.9971742 -0.9999862 -0.9976921  
## 28 -0.9902348 -0.9998490 -0.9948076  
## 29 -0.9980877 -0.9999913 -0.9983469  
## 30 -0.9988625 -0.9999952 -0.9989044  
## 31 -0.9175591 -0.9924592 -0.8313479  
## 32 -0.8887884 -0.9914815 -0.8618245  
## 33 -0.9660986 -0.9989674 -0.9546899  
## 34 -0.9931470 -0.9999319 -0.9913111  
## 35 -0.9967949 -0.9999789 -0.9975464  
## 36 -0.9970314 -0.9999807 -0.9979738  
## 37 -0.9965865 -0.9999784 -0.9974110  
## 38 -0.9964865 -0.9999783 -0.9970946  
## 39 -0.9926913 -0.9999448 -0.9943148  
## 40 -0.9952965 -0.9999698 -0.9975800  
## 41 -0.9965889 -0.9999799 -0.9970424  
## 42 -0.9970724 -0.9999807 -0.9971965  
## 43 -0.9973482 -0.9999847 -0.9974279  
## 44 -0.9977953 -0.9999895 -0.9983878  
## 45 -0.9974850 -0.9999864 -0.9983345  
## 46 -0.9971289 -0.9999839 -0.9982789  
## 47 -0.9974587 -0.9999873 -0.9987689  
## 48 -0.9975804 -0.9999881 -0.9984136  
## 49 -0.9974714 -0.9999871 -0.9979655  
## 50 -0.9970611 -0.9999846 -0.9979501  
## 51 -0.9970486 -0.9999828 -0.9977822  
## 52 -0.9732644 -0.9990062 -0.9687791  
## 53 -0.9975084 -0.9999884 -0.9988653  
## 54 -0.9977556 -0.9999893 -0.9983294  
## 55 -0.9983250 -0.9999923 -0.9985829  
## 56 -0.9989408 -0.9999954 -0.9995794  
## 57 -0.9987064 -0.9999945 -0.9991924  
## 58 -0.9982823 -0.9999921 -0.9991071  
## 59 -0.9987554 -0.9999940 -0.9985916  
## 60 -0.9990628 -0.9999961 -0.9983803  
## 61 -0.9988674 -0.9999952 -0.9987908  
## 62 -0.9986479 -0.9999936 -0.9993450  
## 63 -0.9985391 -0.9999931 -0.9993044  
## 64 -0.9984094 -0.9999927 -0.9988801  
## 65 -0.9501847 -0.9978022 -0.9440353  
## 66 -0.9891264 -0.9998839 -0.9904399  
## 67 -0.8687560 -0.9776995 -0.8050215  
## 68 -0.8308079 -0.9757178 -0.8450973  
## 69 -0.9460804 -0.9978131 -0.9495791  
## 70 -0.8710263 -0.9817077 -0.8259512  
## 71 -0.6756277 -0.9261050 -0.7433679  
## 72 -0.7502360 -0.9414996 -0.7082917  
## 73 -0.9508217 -0.9972045 -0.9617563  
## 74 -0.9851478 -0.9998229 -0.9908218  
## 75 -0.9900837 -0.9998771 -0.9899921  
## 76 -0.9961971 -0.9999781 -0.9970187  
## 77 -0.9961236 -0.9999775 -0.9961918  
## 78 -0.9965365 -0.9999800 -0.9969034  
## 79 -0.4661497 -0.8443428 -0.5398614  
## 80 -0.3899198 -0.8146959 -0.4478020  
## 81 -0.3741507 -0.8037966 -0.5184353  
## 82 -0.2364741 -0.6935254 -0.3824050  
## 83 -0.2200966 -0.6802696 -0.4051486  
## 84 -0.3038356 -0.7622425 -0.4237821  
## 85 -0.3271154 -0.7834507 -0.3980795  
## 86 -0.3037392 -0.7613974 -0.2820271  
## 87 -0.4643463 -0.8491970 -0.5862535  
## 88 -0.3927762 -0.8147625 -0.5026546  
## 89 -0.3894135 -0.8201475 -0.4854738  
## 90 -0.3143304 -0.7763026 -0.4726181  
## 91 -0.2719825 -0.7425319 -0.4873078  
## 92 -0.2747823 -0.7276227 -0.3345665  
## 93 -0.2996404 -0.7534854 -0.3943109  
## 94 -0.2890987 -0.7500916 -0.4357067  
## 95 -0.2711544 -0.7270822 -0.3293969  
## 96 -0.2497903 -0.7061662 -0.2754806  
## 97 -0.2246535 -0.6777090 -0.2462034  
## 98 -0.3026735 -0.7457179 -0.3819644  
## 99 -0.2864583 -0.7559727 -0.4182548  
## 100 -0.3351580 -0.7917606 -0.4124603  
## 101 -0.2998284 -0.7465564 -0.3231506  
## 102 -0.1642771 -0.6226498 -0.2015530  
## 103 -0.2018006 -0.6564835 -0.2147128  
## 104 -0.2365622 -0.7000601 -0.2174092  
## 105 -0.2960481 -0.7414062 -0.3790423  
## 106 -0.3669457 -0.8016170 -0.4476799  
## 107 -0.2970367 -0.7533936 -0.2931087  
## 108 -0.2934721 -0.7551254 -0.3680089  
## 109 -0.2873888 -0.7524595 -0.4252440  
## 110 -0.2528806 -0.7217359 -0.3555383  
## 111 -0.2902064 -0.7432252 -0.4593854  
## 112 -0.2464726 -0.7164875 -0.2860197  
## 113 -0.3654577 -0.7994575 -0.4286043  
## 114 -0.3270002 -0.7724371 -0.4398675  
## 115 -0.2850545 -0.7487464 -0.4056869  
## 116 -0.2997406 -0.7519204 -0.3837995  
## 117 -0.3082006 -0.7608585 -0.3671632  
## 118 -0.3399016 -0.7911461 -0.3295797  
## 119 -0.3930977 -0.8105957 -0.3606985  
## 120 -0.4115426 -0.8172464 -0.4056799  
## 121 -0.4194320 -0.8261961 -0.4899468  
## 122 -0.3862723 -0.8053033 -0.5174984  
## 123 -0.3376773 -0.7914903 -0.5133753  
## 124 -0.3527251 -0.8059408 -0.4673669  
## 125 -0.3862431 -0.7928637 -0.4162857  
## 126 -0.4592824 -0.8494764 -0.5907460  
## 127 -0.3650609 -0.7553195 -0.4851647  
## 128 -0.2760745 -0.6811493 -0.4210723  
## 129 -0.3312103 -0.7695041 -0.4347663  
## 130 -0.3689840 -0.8204108 -0.5682887  
## 131 -0.2615177 -0.7222521 -0.4984067  
## 132 -0.3010377 -0.7274439 -0.4035293  
## 133 -0.4158176 -0.8243887 -0.5228105  
## 134 -0.3864044 -0.8002558 -0.5445789  
## 135 -0.2170654 -0.6264406 -0.4210040  
## 136 -0.2600991 -0.6912792 -0.3653752  
## 137 -0.2204020 -0.6408853 -0.3207563  
## 138 -0.1996211 -0.6484360 -0.3073912  
## 139 -0.1911278 -0.6391374 -0.3134873  
## 140 -0.2381760 -0.6810512 -0.3997618  
## 141 -0.2876153 -0.7560418 -0.4330384  
## 142 -0.3597811 -0.8013151 -0.4660094  
## 143 -0.3562477 -0.8050051 -0.4798384  
## 144 -0.3410245 -0.7876007 -0.4342111  
## 145 -0.2828309 -0.7190612 -0.3334392  
## 146 -0.1735035 -0.6394984 -0.3176697  
## 147 -0.3256857 -0.7619263 -0.4623604  
## 148 -0.3665851 -0.7976720 -0.5398804  
## 149 -0.3387479 -0.7829779 -0.5146963  
## 150 -0.4326069 -0.8489364 -0.5822188  
## 151 -0.5542681 -0.8978135 -0.6154695  
## 152 -0.5804087 -0.9111616 -0.6535355  
## 153 -0.6054311 -0.9228581 -0.6649916  
## 154 -0.5797910 -0.9111985 -0.6498089  
## 155 -0.5980851 -0.9145417 -0.6660617  
## 156 -0.6287900 -0.9282018 -0.7044402  
## 157 -0.5606645 -0.8996450 -0.6307137  
## 158 -0.5511050 -0.8963881 -0.5872230  
## 159 -0.5670185 -0.9158783 -0.6572452  
## 160 -0.5621183 -0.9123503 -0.6876693  
## 161 -0.5394625 -0.9018866 -0.6733646  
## 162 -0.5823160 -0.9168558 -0.6755764  
## 163 -0.6527377 -0.9439808 -0.7007617  
## 164 -0.6225299 -0.9315795 -0.7149949  
## 165 -0.6471948 -0.9415410 -0.7671826  
## 166 -0.6716453 -0.9504791 -0.7969108  
## 167 -0.6742344 -0.9477089 -0.7577786  
## 168 -0.6690247 -0.9495436 -0.7224055  
## 169 -0.6377267 -0.9305125 -0.6707573  
## 170 -0.6125291 -0.9219856 -0.6419380  
## 171 -0.6326070 -0.9362722 -0.7006512  
## 172 -0.6469846 -0.9384578 -0.6838901  
## 173 -0.6599647 -0.9411259 -0.6907587  
## 174 -0.6268747 -0.9325082 -0.6432798  
## 175 -0.6556885 -0.9420171 -0.6650588  
## 176 -0.6701324 -0.9430931 -0.7503040  
## 177 -0.9884753 -0.9998669 -0.9905729  
## tBodyGyroJerkMag-entropy() tBodyGyroJerkMag-arCoeff()1  
## 1 -0.61976763 0.292840490  
## 2 -0.73072160 0.209334130  
## 3 -0.66291363 0.328031460  
## 4 -0.68301625 0.595371270  
## 5 -0.72017068 0.331858440  
## 6 -0.75109221 0.178759930  
## 7 -0.68125693 0.264598000  
## 8 -0.64591615 0.326716910  
## 9 -0.68701641 0.480209580  
## 10 -0.46620434 0.548098420  
## 11 -0.47100223 0.571770350  
## 12 -0.81085833 0.489947250  
## 13 -0.90271132 0.762638100  
## 14 -0.89471020 0.829742890  
## 15 -0.46685721 0.593403830  
## 16 -0.80907846 0.680049030  
## 17 -0.83107741 0.525129070  
## 18 -0.79485167 0.416371880  
## 19 -0.84878249 0.592809430  
## 20 -0.97273065 0.675475020  
## 21 -0.92316873 0.694508870  
## 22 -0.88244203 0.648972820  
## 23 -0.87808696 0.610774970  
## 24 -0.89522431 0.572151830  
## 25 -0.92143519 0.640256030  
## 26 -0.85931236 0.625973610  
## 27 -0.80252264 0.711288200  
## 28 -0.53051367 0.498397820  
## 29 -0.88976345 0.575810950  
## 30 -0.90763308 0.788695200  
## 31 -0.05045768 -0.056690998  
## 32 0.51245711 0.066960260  
## 33 0.07910772 0.375245870  
## 34 -0.50779613 0.521609510  
## 35 -0.79578066 0.514914760  
## 36 -0.78271263 0.311283630  
## 37 -0.69775236 0.346109280  
## 38 -0.70424641 0.497238620  
## 39 -0.60818449 0.329508760  
## 40 -0.76668882 0.221894590  
## 41 -0.75461372 0.106427820  
## 42 -0.70446403 0.428399470  
## 43 -0.76874471 0.660009430  
## 44 -0.87063364 0.473060890  
## 45 -0.81873008 0.402049060  
## 46 -0.81292135 0.415439560  
## 47 -0.85347717 0.375308750  
## 48 -0.82850587 0.450086680  
## 49 -0.83637808 0.542836380  
## 50 -0.85165359 0.464211870  
## 51 -0.78321354 -0.009301548  
## 52 -0.17361075 0.343501460  
## 53 -0.88381988 0.565948130  
## 54 -0.88689300 0.481392480  
## 55 -0.90862324 0.570605140  
## 56 -0.92378785 0.701329870  
## 57 -0.90390911 0.569919230  
## 58 -0.87767245 0.428943380  
## 59 -0.88857593 0.391464370  
## 60 -0.93203377 0.582441040  
## 61 -0.93361178 0.788766670  
## 62 -0.88756686 0.757664570  
## 63 -0.84387688 0.756545180  
## 64 -0.87402604 0.714141920  
## 65 0.19758095 0.444134190  
## 66 -0.41494136 0.473596600  
## 67 0.36855309 -0.745776410  
## 68 0.54389694 -0.652870300  
## 69 0.16262728 0.107092370  
## 70 0.45986500 -0.353713700  
## 71 0.81164951 -0.212960050  
## 72 0.73050161 -0.086438077  
## 73 0.05839597 0.267167800  
## 74 -0.36123694 0.730786620  
## 75 -0.40699741 0.992823140  
## 76 -0.75395257 0.427483480  
## 77 -0.76384788 0.391658400  
## 78 -0.76943966 0.443440850  
## 79 0.89247540 -0.052909904  
## 80 0.83408482 0.081121733  
## 81 0.87823699 0.251099500  
## 82 0.87031119 0.368417720  
## 83 0.88134588 0.398932410  
## 84 0.94942163 0.367748710  
## 85 0.97695238 0.339624300  
## 86 0.95994628 0.420720280  
## 87 0.92942022 -0.064977194  
## 88 0.92737100 -0.182282310  
## 89 0.91962147 0.127387970  
## 90 0.88123229 0.144945760  
## 91 0.89551418 0.087967654  
## 92 0.90188947 0.273943570  
## 93 0.89612649 0.371495260  
## 94 0.95485084 0.317754460  
## 95 0.86843823 0.206197040  
## 96 0.86222044 0.109327860  
## 97 0.90284671 0.244211810  
## 98 0.92604023 0.325070290  
## 99 0.94570787 0.331925440  
## 100 0.98443081 0.233962240  
## 101 0.93108476 0.430661110  
## 102 0.83487340 0.400870820  
## 103 0.89331905 0.350603940  
## 104 0.90188947 0.472702310  
## 105 0.92876444 0.544863050  
## 106 0.90903414 0.355519610  
## 107 0.90936791 0.372972560  
## 108 0.95967519 0.126451800  
## 109 0.94122473 0.169962730  
## 110 0.92360633 0.292026890  
## 111 0.94365864 0.226034880  
## 112 0.92122333 0.436301500  
## 113 0.91829070 0.235885630  
## 114 0.90227416 0.216125920  
## 115 0.91141713 0.157643460  
## 116 0.91446335 0.236498210  
## 117 0.95219675 0.303651180  
## 118 0.95523552 0.398285450  
## 119 0.93618021 0.350634780  
## 120 0.91518181 0.250916000  
## 121 0.91036491 0.202546130  
## 122 0.91962147 0.264419500  
## 123 0.89008496 0.353955510  
## 124 0.91518181 0.324834150  
## 125 0.88267665 0.141649670  
## 126 0.89407727 0.311402170  
## 127 0.84832324 0.218127540  
## 128 0.80440241 0.339340400  
## 129 0.88055730 0.492060790  
## 130 0.89817571 0.443744880  
## 131 0.85215059 0.426290750  
## 132 0.87570064 0.417035870  
## 133 0.85580168 0.411461190  
## 134 0.84156326 0.589238670  
## 135 0.85603301 0.458902920  
## 136 0.90155570 0.766993120  
## 137 0.89763352 0.673325760  
## 138 0.92549804 0.269638980  
## 139 0.83697769 0.412878120  
## 140 0.92155710 0.562061210  
## 141 0.94232787 0.393639780  
## 142 0.90637260 0.360781940  
## 143 0.93351867 0.329655770  
## 144 0.93689866 0.264453970  
## 145 0.89684494 0.244351440  
## 146 0.86617298 0.219051730  
## 147 0.90022493 0.265746250  
## 148 0.87512809 0.524046500  
## 149 0.88936651 0.549179170  
## 150 0.93822943 0.403730250  
## 151 0.87857820 0.081991137  
## 152 0.85945276 0.162293190  
## 153 0.81646641 0.074811842  
## 154 0.88134588 0.033157439  
## 155 0.88598652 -0.010013170  
## 156 0.85686135 0.112258310  
## 157 0.84593280 0.362269960  
## 158 0.85955890 0.281843540  
## 159 0.82117717 0.378078970  
## 160 0.82554671 0.087299406  
## 161 0.85812199 -0.054240491  
## 162 0.88393729 0.043793368  
## 163 0.83097593 0.176547590  
## 164 0.83203560 0.250141580  
## 165 0.78556312 0.287986110  
## 166 0.72856598 0.127867230  
## 167 0.77986281 0.064071854  
## 168 0.75127239 0.045348064  
## 169 0.76001147 0.069585333  
## 170 0.85553058 0.008140579  
## 171 0.77621172 0.091799979  
## 172 0.80461844 0.123649300  
## 173 0.85481213 0.166293880  
## 174 0.84289403 0.159585990  
## 175 0.83435592 -0.029037549  
## 176 0.76179704 0.097235847  
## 177 -0.43025728 0.164349050  
## tBodyGyroJerkMag-arCoeff()2 tBodyGyroJerkMag-arCoeff()3  
## 1 -0.1768892000 -0.145779210  
## 2 -0.1781125600 -0.103084330  
## 3 -0.1545600100 -0.220587120  
## 4 -0.2645687700 -0.315723000  
## 5 -0.2605620300 -0.145664640  
## 6 -0.1814448900 0.049574642  
## 7 -0.2548618000 0.202742470  
## 8 -0.3293826400 0.233694340  
## 9 -0.2585176900 -0.007453049  
## 10 -0.3291289700 -0.249580360  
## 11 -0.3492704200 -0.171442940  
## 12 -0.4578070400 0.236660130  
## 13 -0.5378084300 -0.087643077  
## 14 -0.3582460500 -0.223429850  
## 15 -0.2795609100 -0.244477960  
## 16 -0.4324071700 -0.062888979  
## 17 -0.3560418100 0.227760710  
## 18 -0.4133682400 0.250796860  
## 19 -0.6300118100 -0.059032547  
## 20 -0.4200803400 -0.084506646  
## 21 -0.3433161300 -0.088755549  
## 22 -0.3501048900 0.015119297  
## 23 -0.3735469200 0.013210478  
## 24 -0.3355028600 -0.027097284  
## 25 -0.3318804300 0.011379664  
## 26 -0.2638289600 0.010080229  
## 27 -0.3925817000 0.040406020  
## 28 -0.2615945100 -0.497698200  
## 29 -0.2587900200 -0.095356884  
## 30 -0.5802354100 -0.191165990  
## 31 0.0077020609 -0.067513544  
## 32 -0.1029794400 0.032730374  
## 33 -0.4290598100 0.220909760  
## 34 -0.5869211900 0.175956570  
## 35 -0.6760749100 -0.006111691  
## 36 -0.4895503300 -0.010027002  
## 37 -0.4026492100 -0.251763800  
## 38 -0.5440513400 0.051459258  
## 39 -0.2854550300 -0.029594524  
## 40 -0.3949408600 0.118247600  
## 41 -0.3361050400 0.077192798  
## 42 -0.5271952900 -0.095407502  
## 43 -0.5315617000 -0.048258510  
## 44 -0.4664417400 0.064399776  
## 45 -0.5077280500 -0.115483280  
## 46 -0.5120544800 -0.043446563  
## 47 -0.3710452300 -0.077855993  
## 48 -0.3055085900 -0.416207740  
## 49 -0.3360755400 -0.390177880  
## 50 -0.3784115800 -0.175538830  
## 51 -0.1047784100 0.005498351  
## 52 -0.1787035300 -0.415794960  
## 53 -0.2983362100 -0.143750770  
## 54 -0.3306722600 -0.170994630  
## 55 -0.3533036200 -0.063692500  
## 56 -0.3313098500 -0.076652057  
## 57 -0.3313765100 0.119034970  
## 58 -0.2848827000 0.122154890  
## 59 -0.2294811900 0.085689206  
## 60 -0.4286690000 -0.003073017  
## 61 -0.6245063400 -0.006828376  
## 62 -0.5899545100 -0.059413819  
## 63 -0.5737436600 -0.093777750  
## 64 -0.5228955100 -0.067676869  
## 65 -0.3188958900 -0.028263260  
## 66 -0.3779066600 -0.041653138  
## 67 0.5039034300 0.405795360  
## 68 0.4207832700 0.403050440  
## 69 -0.0722359470 -0.016236803  
## 70 0.0548628270 0.153968470  
## 71 -0.0820752650 0.263677540  
## 72 -0.1686200500 0.209943070  
## 73 -0.2916457200 0.415911800  
## 74 -0.5963875700 -0.233528730  
## 75 -0.6642912700 -0.381384290  
## 76 -0.4755955000 0.094590090  
## 77 -0.4937322300 0.182188560  
## 78 -0.3617839000 0.180556790  
## 79 0.1160253200 -0.176827620  
## 80 0.0294798040 -0.003504281  
## 81 -0.1231237000 0.101376320  
## 82 -0.0906741320 -0.064581037  
## 83 -0.1475980100 -0.055353921  
## 84 -0.2100111000 0.051298122  
## 85 -0.1482128400 0.003976753  
## 86 -0.2350386000 0.097796642  
## 87 0.2790864800 -0.353970630  
## 88 0.2864187200 -0.309639270  
## 89 0.0301476640 -0.244767660  
## 90 0.0382839590 -0.282834800  
## 91 0.0276259810 0.003604657  
## 92 -0.2571859800 0.160661790  
## 93 -0.4418135200 0.146403790  
## 94 -0.1378143600 0.002453801  
## 95 0.0004866060 -0.156369720  
## 96 0.0909402570 -0.192576170  
## 97 -0.0506297660 -0.074857393  
## 98 -0.1904163300 -0.097703742  
## 99 -0.1337768600 -0.153809170  
## 100 -0.0952621030 -0.067599187  
## 101 -0.2625235500 -0.077310170  
## 102 -0.3469378100 0.014161287  
## 103 -0.2785031900 0.108819320  
## 104 -0.1907410000 0.006377658  
## 105 -0.3236031900 -0.021420451  
## 106 -0.1878650800 -0.067852509  
## 107 -0.1904677000 -0.066586844  
## 108 -0.0239434520 -0.195964040  
## 109 -0.0206981600 -0.007721651  
## 110 -0.0408428940 -0.130275560  
## 111 -0.0041537098 -0.257555560  
## 112 -0.3475002800 -0.092817756  
## 113 -0.0619901830 -0.079997595  
## 114 -0.0354868590 -0.030131883  
## 115 -0.0002090493 -0.002318957  
## 116 -0.1423803500 0.034242253  
## 117 -0.1718152800 0.066707136  
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## 119 -0.1496437700 -0.005958560  
## 120 -0.0048314751 -0.124387420  
## 121 0.0139662680 -0.064744672  
## 122 -0.0896927730 0.075378137  
## 123 -0.1652036900 -0.015647801  
## 124 -0.0698343130 -0.161528990  
## 125 0.0990956110 -0.260461340  
## 126 -0.3307191700 0.024390079  
## 127 -0.3548463400 0.161879960  
## 128 -0.4285689500 0.012775412  
## 129 -0.3645893400 -0.120658300  
## 130 -0.2829567700 -0.179164620  
## 131 -0.3687707400 -0.449134100  
## 132 -0.3829460500 -0.407216450  
## 133 -0.4216238100 0.013243774  
## 134 -0.7099119100 0.137026600  
## 135 -0.4605959700 -0.285118320  
## 136 -0.5684359500 -0.243278570  
## 137 -0.7137551600 -0.039864467  
## 138 -0.3833934200 -0.104107850  
## 139 -0.3391165300 -0.379386780  
## 140 -0.4667710600 -0.123007010  
## 141 -0.4355503300 0.205059290  
## 142 -0.2368650900 -0.061957440  
## 143 -0.2289817900 -0.010496386  
## 144 -0.2743756000 0.018836178  
## 145 -0.3867582900 0.041512303  
## 146 -0.4400838700 0.296228480  
## 147 -0.3667741100 0.205027890  
## 148 -0.4032070400 -0.189554230  
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## 150 -0.3020967800 -0.036702418  
## 151 0.1784604100 -0.429018500  
## 152 0.0504213920 -0.252183140  
## 153 0.0550597310 -0.219909630  
## 154 0.1152325000 -0.121431710  
## 155 0.1677506800 -0.299160050  
## 156 0.0638103030 -0.349175280  
## 157 -0.0615069230 -0.338391980  
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## 159 -0.1357128000 -0.151550090  
## 160 0.1106484900 -0.118596990  
## 161 0.1469881900 -0.073258007  
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## 163 -0.0740549980 0.001139061  
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## 167 0.0954770840 -0.207091220  
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## 169 0.0755317250 -0.276808960  
## 170 0.0335332780 -0.144055520  
## 171 -0.0738318170 0.027403398  
## 172 -0.0611918160 0.113882280  
## 173 -0.1078417500 0.013325133  
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## 175 0.1713368000 -0.022427499  
## 176 -0.1439145900 -0.038023352  
## 177 0.0937894020 -0.084665541  
## tBodyGyroJerkMag-arCoeff()4 fBodyAcc-mean()-X fBodyAcc-mean()-Y  
## 1 -0.124072330 -0.994783190 -0.9829841000  
## 2 -0.043823965 -0.997450720 -0.9768517300  
## 3 -0.107514160 -0.993594090 -0.9725114600  
## 4 -0.163825530 -0.995490620 -0.9835697200  
## 5 -0.007367991 -0.997285920 -0.9823009900  
## 6 -0.168852760 -0.996656750 -0.9869395000  
## 7 -0.365160420 -0.995849130 -0.9676116100  
## 8 -0.351910260 -0.995192760 -0.9742912700  
## 9 -0.367062250 -0.997099910 -0.9682052700  
## 10 -0.081848717 -0.993519330 -0.9703186400  
## 11 -0.173458680 -0.992886330 -0.9706080000  
## 12 -0.325850540 -0.998239350 -0.9849160700  
## 13 -0.190848620 -0.999377320 -0.9871587700  
## 14 -0.442788570 -0.998819560 -0.9888076800  
## 15 -0.221518500 -0.989339670 -0.8834138500  
## 16 -0.287387640 -0.995628900 -0.9831707500  
## 17 -0.540178060 -0.996195040 -0.9872585100  
## 18 -0.325871400 -0.996834090 -0.9880423900  
## 19 0.151145850 -0.996801190 -0.9909443600  
## 20 -0.292118910 -0.997204970 -0.9902976600  
## 21 -0.438948290 -0.997198290 -0.9926108400  
## 22 -0.472756040 -0.996574740 -0.9869780200  
## 23 -0.380653340 -0.997546400 -0.9864129000  
## 24 -0.357628050 -0.997502640 -0.9849869900  
## 25 -0.504248740 -0.998656770 -0.9867237200  
## 26 -0.600367220 -0.997472020 -0.9852728000  
## 27 -0.516119300 -0.998981870 -0.9899461600  
## 28 0.155429560 -0.921287540 -0.4327786100  
## 29 -0.414520620 -0.986123520 -0.9319656000  
## 30 -0.023115347 -0.992936910 -0.9574913700  
## 31 -0.048659421 -0.807644530 -0.7655053300  
## 32 -0.135778400 -0.813356310 -0.7065674400  
## 33 -0.161224710 -0.850109090 -0.7616632500  
## 34 -0.041896063 -0.967779100 -0.8790280300  
## 35 0.328887200 -0.983393220 -0.9746504300  
## 36 0.278865290 -0.995976430 -0.9934082900  
## 37 0.357147460 -0.996127320 -0.9927257600  
## 38 0.078584276 -0.995298160 -0.9916906600  
## 39 -0.098847285 -0.983332640 -0.8991465800  
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## 46 0.212703980 -0.994610520 -0.9890901800  
## 47 0.034861528 -0.995583070 -0.9867623600  
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## 118 -0.375702680 -0.189881690 0.0375351600  
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## 127 0.021901584 -0.171551680 -0.1637462700  
## 128 0.155123690 -0.148577170 0.0080386219  
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## 130 -0.065758659 0.018727258 0.0993390360  
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## 139 0.296439920 0.058169860 -0.0485478460  
## 140 0.032993405 0.198174050 -0.0346629140  
## 141 -0.162546030 0.153131080 -0.0805405440  
## 142 -0.129519940 0.026153823 -0.1717200100  
## 143 -0.195714460 0.002559478 -0.0696421600  
## 144 -0.055358542 0.014677668 -0.0787293220  
## 145 0.174329240 -0.013751670 0.1420476300  
## 146 -0.006142431 0.022251610 0.1959375200  
## 147 -0.110991640 0.181672880 0.0003307283  
## 148 0.078390998 -0.135547780 -0.1920431900  
## 149 0.022386015 -0.028980821 -0.1758032500  
## 150 -0.155623540 0.017364625 -0.1324827900  
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## 154 -0.276485350 -0.427718310 -0.0318087680  
## 155 -0.128668300 -0.452782870 -0.1129261500  
## 156 -0.037163281 -0.371832990 -0.0714978050  
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## 158 -0.140048070 -0.433203370 -0.2906792500  
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## 160 -0.377282310 -0.418923040 -0.3707564000  
## 161 -0.297401890 -0.424855240 -0.1753136100  
## 162 -0.218066810 -0.399588230 -0.2227646100  
## 163 -0.296733210 -0.424034790 -0.2918662700  
## 164 -0.261670120 -0.389627450 -0.1786876300  
## 165 -0.256193050 -0.503962100 -0.3258196300  
## 166 -0.350309650 -0.563092520 -0.4514573100  
## 167 -0.200536220 -0.574209100 -0.3848420600  
## 168 -0.195250090 -0.496352840 -0.2765199900  
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## 171 -0.205454740 -0.465554160 -0.1502428900  
## 172 -0.362042190 -0.492534420 -0.1238663100  
## 173 -0.204713690 -0.382711750 -0.1336332700  
## 174 -0.317877840 -0.329200440 -0.1219479300  
## 175 -0.436967130 -0.437783440 -0.3276466100  
## 176 -0.029362532 -0.241349530 -0.1811694700  
## 177 -0.481313490 -0.980722190 -0.9561302300  
## fBodyAcc-mean()-Z fBodyAcc-std()-X fBodyAcc-std()-Y fBodyAcc-std()-Z  
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## 2 -0.97352267 -0.998680260 -0.9749298100 -0.955438110  
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## 4 -0.99107978 -0.996312110 -0.9832443700 -0.990229110  
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## 8 -0.98865193 -0.997279330 -0.9641019500 -0.978075860  
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## 27 -0.99251428 -0.999395240 -0.9954701400 -0.995021860  
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## 29 -0.97975316 -0.981475800 -0.8804637200 -0.928655700  
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## 126 -0.221933100 -0.196382400 -0.49952196 -0.134882110  
## 127 -0.086439134 -0.166971250 -0.42043785 0.006145546  
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## 129 -0.080791758 0.156524880 -0.33567572 -0.164467480  
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## 131 0.135222880 0.160519740 -0.17514128 0.063667147  
## 132 -0.052692552 0.041976349 -0.20344095 -0.042411291  
## 133 -0.047070103 -0.206752100 -0.30774254 -0.067432185  
## 134 -0.044072994 -0.102743400 -0.35629851 -0.164321520  
## 135 0.152931160 0.094225725 -0.04247862 -0.187228920  
## 136 0.260008950 0.020763037 0.00371267 -0.034183126  
## 137 0.115570570 0.329446690 -0.27492665 0.053905423  
## 138 0.128268680 0.408432790 -0.19133798 -0.159038330  
## 139 0.153962400 -0.019988864 -0.20597639 -0.169720740  
## 140 0.057523754 0.044982590 -0.23739171 -0.024698998  
## 141 0.245344450 -0.152438630 -0.20970187 0.035114410  
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## 146 0.112395980 0.255577600 -0.13815365 -0.124438560  
## 147 0.184509820 -0.035776917 -0.27992170 -0.248973200  
## 148 -0.084494072 -0.103751440 -0.32639963 0.012506152  
## 149 -0.046503985 -0.171056210 -0.32283462 -0.077127149  
## 150 0.106210350 -0.220457430 -0.30668343 -0.160412480  
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## 152 -0.359990320 -0.284549840 -0.31652864 -0.363752080  
## 153 -0.337624770 -0.099365376 -0.34213895 -0.357793650  
## 154 -0.340240820 -0.052078810 -0.20001338 -0.356151940  
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## 158 -0.378620840 -0.248751950 -0.19289265 -0.290947800  
## 159 -0.225295860 -0.207148760 -0.25071471 -0.229665420  
## 160 -0.305219000 -0.280781350 -0.25612589 -0.293570410  
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## 162 -0.276355100 -0.127505240 -0.30837120 -0.408658650  
## 163 -0.410351190 -0.202534960 -0.35764086 -0.451424860  
## 164 -0.365651670 -0.105047860 -0.25731545 -0.507913500  
## 165 -0.448919270 -0.285215980 -0.31119488 -0.371594760  
## 166 -0.457965490 -0.371984890 -0.35217623 -0.400324840  
## 167 -0.459369200 -0.343569490 -0.30332552 -0.419256150  
## 168 -0.388261120 -0.207381930 -0.24479455 -0.304863800  
## 169 -0.402939920 -0.133479320 -0.33645240 -0.319599950  
## 170 -0.352985710 0.121978600 -0.23418968 -0.439831840  
## 171 -0.385401920 -0.009550031 -0.17674464 -0.465714370  
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## 175 -0.413488020 -0.218604440 -0.31959221 -0.311517910  
## 176 -0.292672660 -0.167372340 -0.31517929 -0.428262650  
## 177 -0.978126260 -0.950841480 -0.90753299 -0.968646920  
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## 4 -0.987274920 -0.98775434 -0.9944319 -0.99025892  
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## 7 -0.968728800 -0.97693806 -0.9954209 -0.99595351  
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## 124 -0.6573895 -0.201641040 -0.1064934800 -0.35330341  
## 125 -0.7087520 -0.023053898 -0.3673980400 -0.49711801  
## 126 -0.8127646 -0.197058330 -0.3023790600 -0.56632517  
## 127 -0.7653531 -0.270887690 -0.3858868900 -0.53041563  
## 128 -0.7798361 0.027358911 -0.0568933810 -0.32959325  
## 129 -0.7723279 -0.223661340 -0.0935328250 -0.23801091  
## 130 -0.6996059 0.199414490 0.1901854200 -0.27094105  
## 131 -0.6894795 0.155070420 0.2387832200 -0.23760240  
## 132 -0.6692866 0.064400858 0.0879565280 -0.21330036  
## 133 -0.7174327 -0.287058480 -0.3050925400 -0.34505808  
## 134 -0.7665882 -0.140768650 -0.0294889500 -0.39226155  
## 135 -0.4403569 0.090294463 -0.0546302830 -0.06290983  
## 136 -0.5256129 0.234516680 -0.1674210000 0.08460199  
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## 138 -0.6821891 0.166491030 0.7538857700 -0.32655037  
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## 145 -0.6937317 -0.039207174 0.1522115800 -0.17541475  
## 146 -0.6608749 0.002027129 0.0920800450 -0.30859429  
## 147 -0.7277051 -0.253789210 -0.2514146600 -0.39141190  
## 148 -0.7548372 -0.125440830 -0.2406365500 -0.35853919  
## 149 -0.7416470 0.054729035 -0.2415674800 -0.35397781  
## 150 -0.7528161 -0.037478433 -0.2173441100 -0.37598627  
## 151 -0.4709673 -0.451145540 -0.5672090000 -0.63530157  
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## 154 -0.5107940 -0.387863450 -0.5114846300 -0.68161310  
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## 5 -1.000000000 -0.87039785 -0.94419022  
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## 7 -0.48387097 -1.00000000 -1.00000000  
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## 117 -0.61290323 -0.73333333 -0.92307692  
## 118 -0.61290323 0.00000000 -0.92307692  
## 119 -0.74193548 -0.33333333 -0.92307692  
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## 123 -0.22580645 -0.06666667 -0.92307692  
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## 133 -0.80645161 0.20000000 -0.92307692  
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## 135 -0.74193548 -0.80000000 -0.92307692  
## 136 -0.80645161 -0.73333333 -0.92307692  
## 137 -0.74193548 -0.73333333 -0.92307692  
## 138 -0.74193548 -0.73333333 -1.00000000  
## 139 -0.80645161 -0.46666667 -0.92307692  
## 140 -0.74193548 -0.73333333 -1.00000000  
## 141 -0.74193548 -0.40000000 -0.84615385  
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## 147 -0.80645161 -0.80000000 -0.92307692  
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## 177 -1.00000000 -1.00000000 -1.00000000  
## fBodyAcc-meanFreq()-X fBodyAcc-meanFreq()-Y fBodyAcc-meanFreq()-Z  
## 1 0.252482900 0.131835750 -0.052050251  
## 2 0.271308550 0.042863639 -0.014309755  
## 3 0.124531240 -0.064610562 0.082676921  
## 4 0.029044377 0.080302267 0.185694680  
## 5 0.181089770 0.057987891 0.559786320  
## 6 0.157383770 0.318835230 0.605599430  
## 7 0.432263310 0.110410770 0.379586260  
## 8 0.000771701 -0.122969740 0.157233620  
## 9 -0.027979677 0.154135230 0.164839290  
## 10 0.037599200 0.160762460 0.259786580  
## 11 0.254522430 0.145805660 0.356001150  
## 12 -0.079862491 0.285900260 0.592807730  
## 13 0.010884870 0.047539322 0.493172330  
## 14 0.251979660 0.305631470 0.478070120  
## 15 -0.048520309 -0.108859640 -0.321729440  
## 16 0.035257506 -0.176954130 0.372847820  
## 17 0.018894579 -0.173779080 0.077119723  
## 18 0.133031400 0.072583636 0.430647350  
## 19 0.046132032 0.263345640 0.327178700  
## 20 -0.020005744 0.212347960 0.465525080  
## 21 0.090345729 0.357718940 0.408063410  
## 22 0.126628140 0.441211880 0.556190750  
## 23 0.097081780 0.433271020 0.412495060  
## 24 0.182788550 0.295654780 0.195596950  
## 25 0.215814210 0.303852350 0.360945980  
## 26 0.082183504 0.306265460 0.556160050  
## 27 0.408972510 0.471611370 0.477710810  
## 28 -0.354898410 -0.181464160 -0.124365290  
## 29 -0.165870140 -0.160817350 -0.343135230  
## 30 -0.039967658 -0.068091694 0.323463040  
## 31 -0.336933090 -0.136361960 -0.270671810  
## 32 -0.688826820 -0.405454070 -0.985542460  
## 33 -0.193260510 -0.308542860 0.054190525  
## 34 -0.378113450 -0.061498425 -0.499064350  
## 35 -0.372789540 0.086423859 0.038592924  
## 36 -0.348773320 0.335100240 0.285822400  
## 37 -0.018697562 0.593239320 0.317781300  
## 38 -0.116631450 0.351530920 0.246204700  
## 39 -0.293920570 -0.037053012 0.074115336  
## 40 -0.216498090 -0.212063210 0.347982470  
## 41 0.076414562 0.400241320 0.227315020  
## 42 -0.083038861 0.190729900 0.327612950  
## 43 0.136091280 0.034563870 0.304579060  
## 44 -0.125200540 0.164533090 0.201581340  
## 45 -0.020814968 0.034065020 0.280497250  
## 46 0.157196050 0.220534140 0.044666053  
## 47 0.079523072 0.038019561 0.270158510  
## 48 0.182696370 0.035678404 0.340798900  
## 49 0.003979131 0.084257428 0.088955209  
## 50 0.076734385 -0.108785250 0.181796010  
## 51 0.394354750 0.087044170 0.381738100  
## 52 -0.234099950 0.007941230 -0.136077670  
## 53 -0.330893840 0.282159370 0.229796330  
## 54 0.068314314 0.483545040 0.507525030  
## 55 0.089330554 0.324073390 0.518544920  
## 56 -0.004917186 0.353775680 0.460722880  
## 57 0.037372839 0.517639170 0.335514550  
## 58 -0.001207646 0.311363430 0.543155720  
## 59 0.044484925 0.207680290 0.202496020  
## 60 0.043309032 0.437823430 0.163150560  
## 61 0.042898076 0.430695190 0.477597720  
## 62 0.148558820 0.387643590 0.472104070  
## 63 0.192915770 0.343347860 0.584649030  
## 64 0.174556310 0.274686210 0.491336150  
## 65 -0.302944700 -0.081920210 0.064381548  
## 66 -0.643378300 -0.419317780 0.835380830  
## 67 -0.621766000 -0.601298050 -0.476124520  
## 68 -0.855559110 -0.624785910 -0.686023770  
## 69 -0.329547320 -0.328918040 -0.094863916  
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## 71 -0.357483850 -0.350224850 -0.335307260  
## 72 -0.481127630 0.055190131 -0.447975490  
## 73 -0.237063820 -0.520658700 -0.037411443  
## 74 -0.163526920 -0.105496930 -0.092662135  
## 75 0.120611080 -0.145732920 0.134222400  
## 76 0.095890060 0.035107332 0.484510860  
## 77 0.219337900 -0.016730184 0.609048990  
## 78 0.183080200 0.269478440 0.542536050  
## 79 -0.240348280 0.021220418 -0.126705200  
## 80 -0.283878380 0.071734673 0.278242520  
## 81 -0.332162900 0.224495850 -0.007875473  
## 82 -0.217969170 0.242777150 -0.195926080  
## 83 -0.213274570 0.041467697 -0.186821980  
## 84 -0.426292250 0.242474820 0.132657120  
## 85 -0.180099960 -0.052365360 0.075798266  
## 86 -0.222311370 -0.087085120 0.188658940  
## 87 -0.249070800 0.001343957 -0.226522120  
## 88 -0.169230380 -0.027292108 0.039915751  
## 89 -0.222927290 -0.009351593 -0.011300085  
## 90 -0.082171576 0.206853300 -0.020155954  
## 91 -0.211789500 0.081188845 0.113498500  
## 92 -0.372982760 0.122672370 0.186485160  
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## 94 -0.153396230 0.119661280 0.059080818  
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## 96 -0.109024020 0.174649310 -0.045429966  
## 97 -0.206497060 -0.033235637 -0.205587120  
## 98 0.098227535 0.237496500 0.262500140  
## 99 -0.270824820 0.030794718 -0.086579051  
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## 102 -0.075308812 0.223795680 0.234116740  
## 103 -0.236208450 0.128200650 0.082928652  
## 104 -0.309968130 0.077258576 -0.134911590  
## 105 -0.380026270 0.172825780 0.022206895  
## 106 -0.122201000 0.194789620 -0.141752570  
## 107 -0.287658360 0.084663752 -0.027889144  
## 108 -0.150504000 0.109444250 0.055989769  
## 109 -0.152666360 0.007156860 -0.066465617  
## 110 -0.164420580 0.006481364 -0.069085815  
## 111 -0.225401040 -0.057658710 0.046596110  
## 112 -0.362364780 0.181166640 0.140637270  
## 113 -0.225293680 0.399891070 -0.057525506  
## 114 -0.033257916 0.195037370 0.165857470  
## 115 -0.221945650 -0.088626233 0.079297746  
## 116 -0.295842850 0.111368800 0.226614700  
## 117 -0.252189860 -0.038222874 -0.169308910  
## 118 -0.289382600 0.107201820 -0.127516620  
## 119 -0.328342980 0.254049930 -0.188265200  
## 120 -0.310331940 0.126321110 -0.326286510  
## 121 -0.231637470 -0.002231202 -0.037053922  
## 122 -0.191179150 0.343224370 -0.173756230  
## 123 -0.235682470 0.080290144 -0.182337290  
## 124 -0.170839630 0.191155220 0.024331833  
## 125 -0.272940970 -0.080116902 -0.030486945  
## 126 -0.284572030 0.153175410 0.252387970  
## 127 -0.326094180 0.091641710 0.261049450  
## 128 -0.306663280 -0.004135631 0.390362210  
## 129 -0.418593410 -0.018114351 0.290815860  
## 130 -0.457310410 -0.054104254 0.292477610  
## 131 -0.396392570 -0.063954326 0.216626030  
## 132 -0.333730100 0.062968488 0.228821080  
## 133 -0.427207800 0.218681530 0.358163490  
## 134 -0.486426490 0.079932054 0.571063960  
## 135 -0.057546152 0.271587900 0.633592640  
## 136 -0.460963970 0.301732620 0.191299170  
## 137 -0.027967766 0.123469670 0.808301820  
## 138 0.021608073 -0.019847893 0.172898730  
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## 140 -0.031296514 -0.090099327 0.123685460  
## 141 -0.346624960 0.236209940 0.423874620  
## 142 -0.361073570 0.152744070 0.397616110  
## 143 -0.503518630 0.098072185 0.003456490  
## 144 -0.299264360 0.333987450 0.106459670  
## 145 -0.138372260 -0.041243658 0.347564370  
## 146 -0.408635880 -0.028305017 0.008081099  
## 147 -0.212486550 0.119139230 0.000329444  
## 148 -0.341874740 -0.103093610 0.126739300  
## 149 -0.295186020 -0.050389402 0.396540980  
## 150 -0.417028390 0.254225170 0.287757490  
## 151 -0.355900890 -0.223282160 -0.505641010  
## 152 -0.495136100 -0.219319150 -0.355861100  
## 153 -0.672439140 -0.083581598 -0.436884440  
## 154 -0.573193920 0.059780980 -0.395822950  
## 155 -0.538693500 -0.240293470 -0.424789930  
## 156 -0.612832620 0.217394560 -0.463049750  
## 157 -0.423525860 -0.202014130 -0.537153950  
## 158 -0.408594400 -0.135920120 -0.491008040  
## 159 -0.417480870 -0.273819990 -0.507825000  
## 160 -0.611223290 -0.245240330 -0.537244390  
## 161 -0.547567560 -0.229253880 -0.580060570  
## 162 -0.549723960 -0.290310640 -0.506013680  
## 163 -0.348302210 -0.227589820 -0.356864430  
## 164 -0.272938670 -0.195962940 -0.365122140  
## 165 -0.419517060 -0.150120270 -0.724930910  
## 166 -0.620410250 -0.331616240 -0.623493600  
## 167 -0.718089100 -0.157782980 -0.561279310  
## 168 -0.532807400 -0.216228370 -0.699424820  
## 169 -0.428322710 -0.132150760 -0.455012780  
## 170 -0.546565740 -0.293621010 -0.519002750  
## 171 -0.567264380 -0.325461750 -0.477094270  
## 172 -0.479839170 -0.153976180 -0.546456540  
## 173 0.034748800 -0.219806280 -0.460499200  
## 174 -0.187047110 -0.347308980 -0.533022390  
## 175 -0.244304310 -0.203545940 -0.588604320  
## 176 -0.034075210 -0.056973364 -0.502966670  
## 177 -0.424537920 -0.261370090 -0.209182400  
## fBodyAcc-skewness()-X fBodyAcc-kurtosis()-X fBodyAcc-skewness()-Y  
## 1 0.142050560 -0.150682500 -0.220546940  
## 2 -0.692540900 -0.954047030 -0.049709103  
## 3 -0.727227320 -0.965419150 0.163062890  
## 4 -0.599117990 -0.908449280 -0.460914540  
## 5 -0.676996500 -0.951370740 -0.180382820  
## 6 -0.631053000 -0.934903070 -0.660782110  
## 7 -0.321329670 -0.707691670 -0.099405696  
## 8 -0.663914510 -0.941592590 0.166992640  
## 9 -0.359865970 -0.725729700 0.413777030  
## 10 -0.607452600 -0.912718310 -0.578818400  
## 11 -0.448768130 -0.809832870 -0.425610370  
## 12 -0.481187270 -0.825431490 -0.408176700  
## 13 -0.398551980 -0.781288210 0.259190340  
## 14 -0.718743620 -0.978880200 -0.382321590  
## 15 0.233673300 -0.048397972 0.691045540  
## 16 -0.688308510 -0.956378040 0.014086344  
## 17 -0.605306100 -0.916962910 -0.011284113  
## 18 -0.701320950 -0.951419230 -0.192444960  
## 19 -0.573449990 -0.868581470 -0.653947030  
## 20 -0.686221870 -0.955864040 -0.190494420  
## 21 -0.598641670 -0.896080620 -0.490413050  
## 22 -0.780047450 -0.986359180 -0.404960210  
## 23 -0.567761110 -0.891178300 -0.721881590  
## 24 -0.613211110 -0.900090140 -0.479703140  
## 25 -0.448099710 -0.824916560 -0.210050610  
## 26 -0.710789810 -0.971645900 -0.078008715  
## 27 -0.454835250 -0.786045100 -0.799175090  
## 28 0.507073050 0.277924640 0.457123510  
## 29 0.395777040 0.117553540 0.572606100  
## 30 0.052091594 -0.302379870 0.468435330  
## 31 -0.205773710 -0.666265950 -0.243416130  
## 32 0.233649160 -0.128233850 0.209997150  
## 33 0.719615240 0.592356420 0.699621810  
## 34 0.528699090 0.299071030 0.332835940  
## 35 0.495378390 0.251729360 0.466594650  
## 36 0.336177600 0.079416258 -0.071049483  
## 37 -0.039570262 -0.354170430 -0.730278830  
## 38 -0.200606640 -0.516144930 -0.771794660  
## 39 0.438017320 0.221690110 0.336961760  
## 40 -0.404551420 -0.783207070 0.257461190  
## 41 -0.547962490 -0.899217250 0.172396660  
## 42 -0.682152750 -0.954178050 0.224728070  
## 43 -0.442767230 -0.810104760 0.437586750  
## 44 -0.194237500 -0.571932270 0.683811670  
## 45 -0.058266881 -0.344200640 0.419078530  
## 46 -0.631288240 -0.936662870 -0.120104450  
## 47 -0.664547090 -0.937916170 0.379192890  
## 48 -0.660569460 -0.924819280 0.241601770  
## 49 -0.652961650 -0.943842080 0.316694400  
## 50 -0.314276460 -0.680826880 0.598363240  
## 51 -0.680770550 -0.941907740 0.423297390  
## 52 0.378034600 0.121342320 -0.669639950  
## 53 0.228383470 -0.077214333 -0.616466010  
## 54 -0.222315800 -0.661822820 -0.613837400  
## 55 -0.260760000 -0.631330730 -0.673696940  
## 56 -0.531936570 -0.870193730 -0.761123530  
## 57 -0.214777250 -0.563444730 -0.892908720  
## 58 -0.110465070 -0.412651440 -0.703983510  
## 59 -0.528044690 -0.867715350 -0.692216550  
## 60 -0.587949090 -0.902559350 -0.533972140  
## 61 -0.636521630 -0.942923120 -0.366064510  
## 62 -0.279004040 -0.615612320 -0.547941100  
## 63 -0.501437450 -0.854468720 -0.644821080  
## 64 -0.554826450 -0.860132970 -0.639301220  
## 65 0.200505290 -0.140469550 0.462115710  
## 66 0.737054820 0.627932190 0.591134820  
## 67 0.485527090 0.213816710 -0.234301090  
## 68 0.775504910 0.679392270 -0.008266300  
## 69 0.297075810 -0.064881407 0.089888119  
## 70 -0.016035036 -0.462731680 -0.195070760  
## 71 0.429941730 0.229615730 -0.136505760  
## 72 0.219972700 -0.056636833 -0.399966890  
## 73 -0.443785110 -0.820608060 0.520420830  
## 74 -0.105616680 -0.476342130 0.283689400  
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## 78 -0.503223990 -0.853301430 -0.556657430  
## 79 -0.441075280 -0.840473530 -0.569817270  
## 80 -0.345494180 -0.753141520 -0.413953110  
## 81 -0.208063260 -0.605588940 -0.469957290  
## 82 -0.240286440 -0.645104830 -0.449642410  
## 83 -0.075238516 -0.475190320 -0.331757420  
## 84 0.010349316 -0.418456600 -0.352859260  
## 85 -0.311475070 -0.734727070 -0.473703020  
## 86 -0.442885330 -0.850703980 -0.455339560  
## 87 -0.337745080 -0.755275680 -0.355027740  
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## 90 -0.018076328 -0.374625420 -0.228099520  
## 91 -0.019487972 -0.403510240 -0.020740218  
## 92 0.047533705 -0.364224150 -0.299109390  
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## 94 -0.303062700 -0.704540890 -0.517934260  
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## 121 -0.86628456 -0.7786014  
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## fBodyAcc-bandsEnergy()-33,40 fBodyAcc-bandsEnergy()-41,48  
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## fBodyAcc-bandsEnergy()-1,16 fBodyAcc-bandsEnergy()-17,32  
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## fBodyAcc-bandsEnergy()-1,8 fBodyAcc-bandsEnergy()-9,16  
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## fBodyAcc-bandsEnergy()-33,40 fBodyAcc-bandsEnergy()-41,48  
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## fBodyAcc-bandsEnergy()-1,16 fBodyAcc-bandsEnergy()-17,32  
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## 92 -0.2442747100 1.320116e-02 -0.39531278  
## 93 -0.1942119500 9.323350e-02 -0.38083270  
## 94 -0.1308761400 3.368739e-02 -0.42484368  
## 95 -0.1176189600 -8.985511e-02 -0.43801900  
## 96 -0.1654679800 -1.058541e-01 -0.45222392  
## 97 -0.1965416000 1.408531e-02 -0.47215737  
## 98 -0.2085443800 -3.831100e-02 -0.49079204  
## 99 -0.0878689500 -9.030848e-03 -0.44351246  
## 100 -0.0005865949 -8.471797e-02 -0.43688721  
## 101 -0.0355643060 -1.053649e-01 -0.49159537  
## 102 -0.0207911290 1.572441e-01 -0.42861504  
## 103 -0.1645787800 2.489610e-01 -0.43954820  
## 104 -0.2063346600 1.680966e-01 -0.48986138  
## 105 -0.1905122600 9.169805e-02 -0.50836523  
## 106 -0.2105618900 -1.296785e-01 -0.52522565  
## 107 -0.1210870800 -3.119934e-05 -0.46027599  
## 108 -0.1148217900 1.191155e-01 -0.45208251  
## 109 -0.1912163700 1.566000e-01 -0.49261846  
## 110 -0.1455503400 3.283585e-02 -0.47631176  
## 111 -0.1905704100 -2.155064e-02 -0.55129678  
## 112 -0.1324955700 1.417097e-01 -0.31505431  
## 113 -0.0823610270 -9.792705e-02 -0.50478754  
## 114 -0.1540100800 -1.358961e-01 -0.48506920  
## 115 -0.2380180500 -1.572873e-01 -0.47145320  
## 116 -0.1974153900 -8.763425e-02 -0.50219765  
## 117 -0.0980267930 -1.156802e-01 -0.52163833  
## 118 -0.1476413100 -8.913798e-02 -0.52315016  
## 119 -0.2641462900 -9.464478e-02 -0.55202596  
## 120 -0.2647575500 -1.963336e-01 -0.59985513  
## 121 -0.2552340100 -1.857122e-01 -0.56993912  
## 122 -0.2916964700 -3.393065e-02 -0.56495601  
## 123 -0.1942936000 -1.135388e-03 -0.54763306  
## 124 -0.2330217700 -1.350948e-01 -0.52864443  
## 125 -0.2602361300 -2.172911e-01 -0.54251872  
## 126 -0.2153957900 -2.315280e-01 -0.57063166  
## 127 -0.1487637800 -2.170852e-01 -0.44383374  
## 128 -0.1341515700 -1.264727e-01 -0.32703112  
## 129 -0.1653609900 -2.961230e-02 -0.32513413  
## 130 -0.0368225230 -3.932498e-02 -0.24059704  
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## 133 -0.1676876800 -2.292573e-01 -0.23553489  
## 134 -0.1497194000 -2.476412e-01 -0.20720872  
## 135 0.1903862200 -3.899316e-03 0.09652153  
## 136 0.0854634780 -3.093441e-02 -0.09454416  
## 137 0.1241396900 1.054524e-01 -0.14360549  
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## 139 0.0221167870 -2.263460e-01 -0.26985944  
## 140 -0.0787391930 -1.891413e-01 -0.34540368  
## 141 0.0932294490 -1.334934e-01 -0.16573667  
## 142 0.0199878120 -2.183669e-01 -0.15048162  
## 143 -0.0865263130 -1.485919e-01 -0.45851448  
## 144 -0.0554995420 -1.743257e-01 -0.42513106  
## 145 -0.0545551430 -1.758486e-02 -0.35673698  
## 146 -0.0254534050 5.414624e-02 -0.33425413  
## 147 -0.0354591100 -1.751172e-01 -0.46593192  
## 148 -0.1072552900 -3.476529e-01 -0.42325820  
## 149 -0.0650503060 -2.924442e-01 -0.33048911  
## 150 -0.1338758900 -1.968798e-01 -0.36835617  
## 151 -0.4775860700 -4.901599e-01 -0.65764263  
## 152 -0.5041293200 -5.473778e-01 -0.67459405  
## 153 -0.5550028800 -4.255133e-01 -0.72323358  
## 154 -0.5584011300 -3.478281e-01 -0.67649459  
## 155 -0.5105772100 -3.367146e-01 -0.62817278  
## 156 -0.4642458600 -4.443536e-01 -0.66391868  
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## fBodyAccJerk-std()-X fBodyAccJerk-std()-Y fBodyAccJerk-std()-Z  
## 1 -0.995820680 -0.990936310 -0.9970517  
## 2 -0.996652350 -0.982083940 -0.9926268  
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## 7 -0.996242100 -0.988263430 -0.9879085  
## 8 -0.996127660 -0.983369340 -0.9881628  
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## 10 -0.991468110 -0.969318310 -0.9889748  
## 11 -0.992331250 -0.974928990 -0.9870654  
## 12 -0.998317070 -0.990667500 -0.9884720  
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## 15 -0.992534600 -0.986463670 -0.9913079  
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## 17 -0.995093420 -0.993091470 -0.9976012  
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## 20 -0.997049800 -0.992880540 -0.9969250  
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## 128 -0.160096150 -0.098630218 -0.4747324  
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## 130 -0.091073978 -0.067669415 -0.3583788  
## 131 -0.025951614 0.013120937 -0.2607809  
## 132 -0.107326170 -0.086929381 -0.2383813  
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## 138 -0.158252050 0.064279884 -0.3689511  
## 139 -0.104249840 -0.230782960 -0.3861903  
## 140 -0.069646502 -0.093685026 -0.4468027  
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## 167 -0.608976370 -0.576578810 -0.7570314  
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## 170 -0.544407550 -0.281331420 -0.7482436  
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## 176 -0.452367650 -0.365184250 -0.7808603  
## 177 -0.996305540 -0.984988790 -0.9900076  
## fBodyAccJerk-mad()-X fBodyAccJerk-mad()-Y fBodyAccJerk-mad()-Z  
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## 63 -0.992059980 -9.940192e-01 -0.99272405  
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## 65 -0.913630780 -8.870049e-01 -0.93398451  
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## 80 0.048560897 -5.468683e-02 -0.57243731  
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## 82 0.019740242 -4.745190e-02 -0.51111388  
## 83 -0.004277367 2.806141e-03 -0.48390706  
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## 85 0.098477157 -5.739538e-02 -0.50562406  
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## 87 -0.184342770 -1.118748e-01 -0.58908177  
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## 91 -0.005614019 -5.346495e-02 -0.48734054  
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## 93 0.022081806 2.019415e-01 -0.45553485  
## 94 0.174635450 7.439104e-02 -0.50273517  
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## 96 0.107400900 -6.918495e-02 -0.49942086  
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## 98 -0.093435665 -3.670015e-02 -0.53033579  
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## 102 0.090797436 1.691396e-01 -0.47596074  
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## 106 -0.017991932 -8.494375e-02 -0.60893388  
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## 111 0.003450832 -2.579266e-02 -0.57092590  
## 112 0.122293140 2.054097e-01 -0.37259910  
## 113 0.057394681 -9.642700e-02 -0.56992518  
## 114 -0.023456907 -1.366699e-01 -0.56758978  
## 115 -0.021689378 -1.785449e-02 -0.55789669  
## 116 -0.001733433 3.987396e-02 -0.55919283  
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## 119 -0.231754670 -2.088043e-01 -0.56876428  
## 120 -0.098447527 -2.170428e-01 -0.57865675  
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## 123 -0.001591609 9.168200e-03 -0.55829518  
## 124 -0.013882768 -1.853018e-02 -0.53840371  
## 125 -0.102925630 -1.926547e-02 -0.57018908  
## 126 -0.086770601 -2.141153e-01 -0.58700788  
## 127 0.037908280 -2.203722e-01 -0.47900537  
## 128 0.045080512 -4.448723e-02 -0.38681505  
## 129 -0.016474904 -5.378901e-03 -0.37606422  
## 130 0.141997860 -4.308037e-02 -0.28188442  
## 131 0.283850120 5.537702e-02 -0.19225202  
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## 134 -0.008246537 -1.547702e-01 -0.35069683  
## 135 0.238410820 -7.367502e-02 -0.08838653  
## 136 0.245261770 -6.927244e-02 -0.07396168  
## 137 0.246929120 1.083950e-01 -0.29905203  
## 138 0.121249920 1.340389e-01 -0.29502296  
## 139 0.054991010 -1.681974e-01 -0.33307295  
## 140 0.133330570 -4.770945e-02 -0.41385768  
## 141 0.254613010 -2.140854e-01 -0.32103262  
## 142 0.102254040 -3.143188e-01 -0.21831428  
## 143 0.089373754 -1.311879e-01 -0.46487626  
## 144 0.100616090 -2.268529e-01 -0.53356693  
## 145 0.041729151 1.135259e-02 -0.31745435  
## 146 0.206690540 1.553667e-01 -0.35841402  
## 147 -0.014090299 -2.418962e-01 -0.48283851  
## 148 0.017634160 -3.179881e-01 -0.46507724  
## 149 0.010901226 -2.863761e-01 -0.35058084  
## 150 0.047566183 -1.807678e-01 -0.37545825  
## 151 -0.352428410 -5.260220e-01 -0.61909402  
## 152 -0.401598960 -5.446220e-01 -0.67250425  
## 153 -0.455779650 -4.811704e-01 -0.76381008  
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## fBodyAccJerk-max()-X fBodyAccJerk-max()-Y fBodyAccJerk-max()-Z  
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## 2 -0.997424530 -0.984923210 -0.9931870  
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## 7 -0.994935020 -0.991111450 -0.9891017  
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## 9 -0.996760620 -0.985370030 -0.9908803  
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## 144 -0.220515880 -0.177295760 -0.5261122  
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## 151 -0.638002470 -0.537315650 -0.6202933  
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## fBodyAccJerk-min()-X fBodyAccJerk-min()-Y fBodyAccJerk-min()-Z  
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## 4 -0.9979030 -0.99976709 -0.9653808  
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## 175 -0.71730209 0.3575005 0.33470299  
## 176 -0.74776054 0.5103603 0.38541743  
## 177 -0.98456765 -1.0000000 -1.00000000  
## fBodyAccJerk-entropy()-Z fBodyAccJerk-maxInds-X fBodyAccJerk-maxInds-Y  
## 1 -1.000000000 1.00 -0.24  
## 2 -1.000000000 -0.32 -0.12  
## 3 -1.000000000 -0.16 -0.48  
## 4 -1.000000000 -0.12 -0.56  
## 5 -1.000000000 -0.32 -0.08  
## 6 -1.000000000 -0.32 -0.36  
## 7 -1.000000000 -0.12 -0.60  
## 8 -1.000000000 -0.20 -0.48  
## 9 -1.000000000 -0.20 0.20  
## 10 -1.000000000 0.12 -0.56  
## 11 -1.000000000 0.12 -0.56  
## 12 -1.000000000 -0.36 0.48  
## 13 -1.000000000 -0.44 0.04  
## 14 -1.000000000 -0.12 -0.24  
## 15 -1.000000000 -0.08 -0.40  
## 16 -1.000000000 -0.20 0.08  
## 17 -1.000000000 -0.04 -0.40  
## 18 -1.000000000 -0.04 -0.60  
## 19 -1.000000000 -0.08 -0.32  
## 20 -1.000000000 0.04 -0.32  
## 21 -1.000000000 -0.56 -0.44  
## 22 -1.000000000 -0.04 -0.48  
## 23 -1.000000000 -0.28 -0.12  
## 24 -1.000000000 -0.32 -0.36  
## 25 -1.000000000 -0.48 0.40  
## 26 -1.000000000 -0.16 -0.32  
## 27 -1.000000000 -0.20 -0.12  
## 28 -0.942216280 -0.32 -1.00  
## 29 -1.000000000 0.04 -1.00  
## 30 -1.000000000 0.04 0.04  
## 31 -0.454913410 -0.36 -0.40  
## 32 -0.427157710 -0.40 -0.40  
## 33 -0.653535630 -0.24 -0.28  
## 34 -1.000000000 -1.00 -0.40  
## 35 -1.000000000 0.04 -0.16  
## 36 -1.000000000 -0.08 0.08  
## 37 -1.000000000 -0.12 0.08  
## 38 -1.000000000 -0.20 -0.24  
## 39 -1.000000000 -0.28 -0.72  
## 40 -1.000000000 -0.08 0.12  
## 41 -1.000000000 -0.20 0.28  
## 42 -1.000000000 -0.48 -0.28  
## 43 -1.000000000 -0.48 -0.12  
## 44 -1.000000000 0.08 -0.36  
## 45 -1.000000000 0.12 -0.32  
## 46 -1.000000000 0.16 -0.32  
## 47 -1.000000000 0.12 -0.08  
## 48 -1.000000000 -0.04 -0.20  
## 49 -1.000000000 -0.08 -0.20  
## 50 -1.000000000 -0.08 0.00  
## 51 -1.000000000 -0.04 -0.32  
## 52 -0.942216280 -0.52 -0.44  
## 53 -1.000000000 0.04 -0.28  
## 54 -1.000000000 -0.52 -0.28  
## 55 -1.000000000 -0.64 0.28  
## 56 -1.000000000 -0.60 0.24  
## 57 -1.000000000 -0.64 0.24  
## 58 -1.000000000 -0.64 -0.40  
## 59 -1.000000000 -0.08 -0.04  
## 60 -1.000000000 -0.12 -0.40  
## 61 -1.000000000 0.04 -0.40  
## 62 -1.000000000 -0.64 -0.16  
## 63 -1.000000000 -0.36 0.16  
## 64 -1.000000000 -0.32 -0.52  
## 65 -0.472575720 -0.04 0.04  
## 66 -0.942216280 0.04 0.08  
## 67 -0.272704960 -0.68 -0.72  
## 68 -0.188980990 -0.32 -0.68  
## 69 -0.637649920 -0.20 -0.88  
## 70 -0.320929940 0.08 -0.12  
## 71 0.218721740 -0.32 -0.76  
## 72 0.142599440 -0.24 -0.76  
## 73 -0.503761290 -0.20 -1.00  
## 74 -1.000000000 -0.16 -1.00  
## 75 -1.000000000 -0.12 -0.12  
## 76 -1.000000000 -0.28 0.08  
## 77 -1.000000000 0.00 0.08  
## 78 -1.000000000 0.12 -0.32  
## 79 0.131521590 -0.32 -0.40  
## 80 0.294396450 -0.48 -0.40  
## 81 0.196490490 -0.48 -0.40  
## 82 0.363306910 -0.48 -0.56  
## 83 0.401853650 -0.48 -0.56  
## 84 0.405999070 -0.48 -0.56  
## 85 0.378260770 -0.32 -0.40  
## 86 0.386674480 -0.32 -0.40  
## 87 0.272055580 -0.52 -0.60  
## 88 0.317505540 -0.48 -0.40  
## 89 0.342296880 -0.48 -0.28  
## 90 0.355409780 -0.48 -0.56  
## 91 0.385656870 -0.48 -0.56  
## 92 0.377442790 -0.76 -0.56  
## 93 0.432906820 -0.48 -0.48  
## 94 0.278027080 -0.48 -0.40  
## 95 0.414692350 -0.28 -0.56  
## 96 0.380937480 -0.32 -0.40  
## 97 0.379416390 -0.32 -0.60  
## 98 0.295982720 -0.36 -0.44  
## 99 0.345664000 -0.48 -0.56  
## 100 0.322071130 -0.28 -0.56  
## 101 0.244506370 -0.48 -0.56  
## 102 0.384548440 -0.44 -0.36  
## 103 0.409051570 -0.48 -0.56  
## 104 0.301516490 -0.12 -0.40  
## 105 0.332368810 -0.32 -0.40  
## 106 0.268342850 -0.48 -0.40  
## 107 0.354321450 -0.48 -0.40  
## 108 0.382969670 -0.48 -0.56  
## 109 0.318473710 -0.48 -0.28  
## 110 0.365758310 -0.32 -0.40  
## 111 0.287102120 -0.32 -0.40  
## 112 0.513814930 -0.48 -0.36  
## 113 0.320127100 -0.48 -0.56  
## 114 0.342616590 -0.48 -0.56  
## 115 0.286377800 -0.48 -0.56  
## 116 0.330416720 -0.48 -0.40  
## 117 0.342814760 -0.32 -0.40  
## 118 0.302614480 -0.32 -0.40  
## 119 0.260213040 -0.32 -0.40  
## 120 0.259457720 -0.32 -0.40  
## 121 0.262519860 -0.32 -0.60  
## 122 0.260167260 -0.16 -0.44  
## 123 0.303246360 -0.52 -0.44  
## 124 0.301841860 -0.32 -0.40  
## 125 0.306082210 -0.32 -0.40  
## 126 0.243626680 -0.28 0.00  
## 127 0.369859210 -0.88 -0.36  
## 128 0.515998650 -0.88 -0.56  
## 129 0.491069800 -0.28 -0.52  
## 130 0.551493040 -0.88 -0.64  
## 131 0.576976210 -0.88 -0.40  
## 132 0.580090520 -0.88 -0.28  
## 133 0.509889220 -0.88 -0.28  
## 134 0.497789730 -0.68 -0.32  
## 135 0.619468920 -0.88 -0.40  
## 136 0.697539970 -0.20 -0.36  
## 137 0.545186690 -0.84 -0.60  
## 138 0.576546390 -0.20 -0.32  
## 139 0.448010630 -0.68 -0.68  
## 140 0.474603920 -0.32 -0.60  
## 141 0.509823590 -0.84 -0.64  
## 142 0.614532470 -0.84 -0.28  
## 143 0.310317800 -0.84 -0.36  
## 144 0.338545240 -0.84 -0.36  
## 145 0.468608390 -0.24 -0.48  
## 146 0.522585030 -0.24 -0.24  
## 147 0.400129030 -0.68 -0.52  
## 148 0.398510370 -0.88 -0.64  
## 149 0.506357270 -0.24 -0.12  
## 150 0.450937640 -0.24 -0.40  
## 151 0.132161410 -0.72 -0.88  
## 152 0.090247872 -0.72 -0.88  
## 153 -0.023108747 -0.88 -0.88  
## 154 0.081859556 -0.88 -0.44  
## 155 0.172803060 -0.32 -0.48  
## 156 0.133053940 -0.28 -0.44  
## 157 0.141511620 -0.88 -0.40  
## 158 0.169511970 -0.88 -0.72  
## 159 0.113616450 -0.88 -0.88  
## 160 0.012289068 -0.88 -0.88  
## 161 0.104094100 -0.88 -0.88  
## 162 0.107884130 -0.72 -0.88  
## 163 -0.064575600 -0.36 -0.88  
## 164 -0.058183882 -0.32 -0.88  
## 165 -0.040443826 -0.72 -0.88  
## 166 -0.022251440 -0.88 -0.88  
## 167 0.007925612 -0.88 -0.88  
## 168 0.048318977 -0.88 -0.88  
## 169 0.022314449 -0.88 -0.88  
## 170 0.068372659 -0.88 -0.88  
## 171 0.034288472 -0.88 -0.88  
## 172 0.052543230 -0.16 -0.48  
## 173 0.031723749 -0.24 -0.44  
## 174 0.061729402 -0.24 -0.48  
## 175 0.027462688 -0.88 -0.48  
## 176 -0.029682998 -0.32 -0.40  
## 177 -1.000000000 -0.16 -0.76  
## fBodyAccJerk-maxInds-Z fBodyAccJerk-meanFreq()-X fBodyAccJerk-meanFreq()-Y  
## 1 -1.00 0.870384510 0.210697000  
## 2 -0.32 0.608513520 -0.053675613  
## 3 -0.28 0.115434000 -0.193436340  
## 4 -0.28 0.035798053 -0.093035847  
## 5 0.04 0.273350200 0.079135382  
## 6 0.52 0.328835890 0.054771404  
## 7 0.00 0.356404110 0.050785859  
## 8 -0.04 0.294943480 0.022930174  
## 9 -0.04 0.286449480 0.152200080  
## 10 -0.08 0.211778580 -0.041894735  
## 11 -0.68 0.298147060 -0.116641590  
## 12 0.04 0.362423010 0.085267402  
## 13 -0.28 0.272144630 0.197263570  
## 14 -0.16 0.270963850 0.170853970  
## 15 -0.48 0.431678730 -0.311964500  
## 16 0.04 0.293521350 -0.038750943  
## 17 -0.52 0.298100650 0.042417242  
## 18 -0.24 0.239296220 -0.067847456  
## 19 -0.44 0.328290760 -0.052247515  
## 20 0.00 0.153222510 -0.008567331  
## 21 -0.28 0.302778950 0.145946530  
## 22 0.04 0.321051150 0.308977270  
## 23 -0.04 0.315472120 0.151835270  
## 24 -0.40 0.307074080 0.087754562  
## 25 0.28 0.478843330 0.169540350  
## 26 0.32 0.223872220 0.236000150  
## 27 0.00 0.467846190 0.201639270  
## 28 -1.00 0.259880550 -0.598503440  
## 29 0.04 0.187730560 -0.198845260  
## 30 0.04 0.460114210 0.031410500  
## 31 -0.96 -0.006406553 -0.604098500  
## 32 -0.92 -0.245814910 -0.601925070  
## 33 -0.88 0.263047660 -0.549491890  
## 34 -0.48 0.240032130 -0.226336210  
## 35 -0.44 0.410774550 0.209076250  
## 36 -0.32 0.234097900 0.303833850  
## 37 -0.28 0.249081440 0.230650290  
## 38 0.32 0.157007750 0.055799457  
## 39 -0.12 0.273963040 -0.297175150  
## 40 -0.40 0.378709750 0.161354560  
## 41 -0.40 0.014616459 0.109348470  
## 42 -0.36 0.031498302 0.224320890  
## 43 -0.16 0.283633610 0.029142162  
## 44 -0.28 0.326857550 0.149419060  
## 45 -0.24 0.256640230 0.291651150  
## 46 -0.20 0.215328580 0.015661251  
## 47 -0.20 0.227294420 0.126603340  
## 48 -0.20 0.280923370 -0.048640788  
## 49 -0.40 0.245466650 0.006360147  
## 50 -0.40 0.300477840 0.104530590  
## 51 0.04 0.392535400 0.154774560  
## 52 -0.44 -0.054980692 -0.166353430  
## 53 0.16 0.152576040 0.087052284  
## 54 -0.56 0.249632450 0.102151850  
## 55 -0.24 0.254816150 0.178791820  
## 56 -0.20 0.168071250 0.303643110  
## 57 -0.24 0.187720100 0.275884060  
## 58 0.08 0.149532160 0.142851660  
## 59 0.12 0.126268740 0.047782148  
## 60 0.04 0.160048740 0.276633320  
## 61 0.20 0.180982510 0.174287760  
## 62 -0.16 0.265143770 0.182162160  
## 63 0.16 0.239106500 0.062977287  
## 64 0.16 0.262981730 0.151033540  
## 65 -0.04 0.015272279 0.391993640  
## 66 -0.16 0.084542057 -0.003190855  
## 67 -0.72 -0.346337740 -0.868525060  
## 68 -0.72 -0.402187610 -0.879951110  
## 69 -0.88 0.018574341 -0.477699620  
## 70 -0.36 0.128185320 -0.192542110  
## 71 -0.72 -0.089937610 -0.245490300  
## 72 -0.68 -0.068720793 -0.243446760  
## 73 -0.52 -0.283167860 -0.353021180  
## 74 -0.08 0.255911290 -0.553216760  
## 75 -0.48 0.279288250 0.001172976  
## 76 -0.04 0.230982370 0.238524670  
## 77 0.04 0.140042410 0.111757250  
## 78 -0.20 0.211051620 0.089327877  
## 79 -0.32 -0.352554420 -0.520371050  
## 80 -0.20 -0.289005870 -0.316830680  
## 81 -0.20 -0.134446240 -0.481985960  
## 82 -0.48 -0.276362490 -0.465123230  
## 83 -0.48 -0.381210790 -0.375564710  
## 84 -0.48 -0.180471020 -0.138494410  
## 85 -0.48 -0.330580840 -0.492023070  
## 86 -0.12 -0.345606670 -0.489902390  
## 87 -0.44 -0.332986790 -0.401323810  
## 88 -0.32 -0.219178720 -0.452316640  
## 89 -0.20 -0.229217400 -0.449689060  
## 90 -0.20 -0.318310920 -0.485382180  
## 91 -0.08 -0.392358750 -0.274769840  
## 92 -0.08 -0.359667860 -0.228486780  
## 93 -0.28 -0.216483070 -0.470084840  
## 94 -0.20 -0.243286370 -0.412748970  
## 95 -0.48 -0.331318360 -0.559033940  
## 96 -0.48 -0.331815000 -0.344648510  
## 97 -0.52 -0.342772250 -0.378649940  
## 98 0.08 -0.192872100 -0.178049850  
## 99 -0.20 -0.184624350 -0.446856090  
## 100 -0.28 -0.073983134 -0.413338350  
## 101 -0.36 -0.114936540 -0.225185610  
## 102 -0.16 -0.057830859 -0.184909370  
## 103 -0.08 -0.086241252 -0.178531760  
## 104 -0.12 -0.271681540 -0.466369570  
## 105 -0.24 -0.317790520 -0.410972970  
## 106 -0.48 -0.250847750 -0.474016200  
## 107 -0.48 -0.191355590 -0.540937190  
## 108 -0.48 -0.059079043 -0.398276270  
## 109 -0.20 -0.007655887 -0.303390660  
## 110 -0.20 -0.047169782 -0.311082020  
## 111 -0.24 -0.162028130 -0.374847260  
## 112 0.00 -0.243111420 -0.167227100  
## 113 -0.28 -0.127713070 -0.426190910  
## 114 -0.08 -0.169694180 -0.381895910  
## 115 -0.48 -0.356282200 -0.550763990  
## 116 -0.12 -0.271107810 -0.664585780  
## 117 -0.12 -0.166036400 -0.620376600  
## 118 -0.48 -0.267513700 -0.334539560  
## 119 -0.20 0.004542003 -0.291633140  
## 120 -0.52 -0.323090100 -0.287335260  
## 121 -0.16 -0.255003670 -0.446516840  
## 122 -0.16 -0.193775610 -0.175663880  
## 123 -0.52 -0.295475280 -0.274065560  
## 124 -0.48 -0.410939620 -0.610553410  
## 125 -0.52 -0.132528450 -0.523385060  
## 126 -0.28 -0.195135810 -0.226247450  
## 127 -0.28 -0.140235580 -0.196698350  
## 128 0.00 -0.238833040 -0.483521490  
## 129 0.08 -0.280084540 -0.452922460  
## 130 0.08 -0.353904410 -0.413993560  
## 131 -0.36 -0.262410120 -0.487292880  
## 132 -0.08 -0.176864760 -0.334501460  
## 133 -0.20 -0.191936170 -0.222003300  
## 134 -0.20 -0.310422160 -0.466825300  
## 135 -0.44 -0.016140638 -0.222306700  
## 136 -0.20 -0.200069380 -0.340319770  
## 137 -0.32 -0.230615760 -0.420187980  
## 138 -0.04 -0.232437090 -0.576305810  
## 139 -0.04 -0.115551780 -0.528505170  
## 140 -0.12 -0.513217120 -0.540051040  
## 141 -0.12 -0.224003870 -0.087172286  
## 142 -0.16 -0.150818590 -0.127035790  
## 143 -0.24 -0.321803170 -0.356993080  
## 144 -0.08 -0.294788860 -0.210691030  
## 145 -0.12 -0.273274210 -0.450206000  
## 146 -0.16 -0.222751040 -0.392696930  
## 147 -0.12 -0.312756650 -0.325615880  
## 148 -0.16 -0.112981510 -0.390527900  
## 149 -0.04 -0.191088430 -0.311940820  
## 150 -0.24 -0.320970710 -0.219089050  
## 151 -0.20 -0.271729760 -0.481095770  
## 152 -0.64 -0.369058930 -0.254321840  
## 153 -0.96 -0.536079010 -0.590728850  
## 154 -0.88 -0.554327130 -0.386788430  
## 155 -0.96 -0.448798420 -0.502353970  
## 156 -0.96 -0.429619600 -0.680114990  
## 157 -0.96 -0.294879190 -0.708329660  
## 158 -0.96 -0.221701650 -0.474956780  
## 159 -0.96 -0.357681110 -0.561097950  
## 160 -0.96 -0.523293430 -0.522396980  
## 161 -0.04 -0.488243600 -0.543183950  
## 162 -0.88 -0.429211060 -0.446701240  
## 163 -0.96 -0.353320500 -0.583237930  
## 164 -0.96 -0.346888700 -0.449218030  
## 165 -0.96 -0.235986950 -0.319506030  
## 166 -0.96 -0.450780470 -0.582321720  
## 167 -0.96 -0.519384720 -0.469470070  
## 168 -0.96 -0.424085370 -0.480054770  
## 169 -0.96 -0.344234460 -0.486037460  
## 170 -0.88 -0.324508060 -0.560952410  
## 171 -0.88 -0.471925630 -0.784185700  
## 172 -0.48 -0.362143090 -0.640596220  
## 173 -0.88 -0.462080400 -0.573269790  
## 174 -0.88 -0.567500510 -0.619785930  
## 175 -0.96 -0.318140220 -0.638267670  
## 176 -0.96 -0.249508630 -0.368882220  
## 177 -0.56 0.489125010 0.035155548  
## fBodyAccJerk-meanFreq()-Z fBodyAccJerk-skewness()-X  
## 1 0.26370789 -0.703685770  
## 2 0.06314827 -0.630304950  
## 3 0.03825433 -0.594758830  
## 4 0.16809523 -0.263851400  
## 5 0.29238418 -0.522157110  
## 6 0.32094497 -0.594628710  
## 7 0.20893077 -0.298142240  
## 8 0.02694164 -0.606378320  
## 9 0.25011504 -0.477107310  
## 10 0.02995693 -0.488761080  
## 11 0.07587141 -0.427557230  
## 12 0.23596642 -0.474231640  
## 13 0.14741231 -0.374494320  
## 14 -0.02255032 -0.401720880  
## 15 -0.06730017 -0.536218580  
## 16 0.31368835 -0.627149320  
## 17 0.21892784 -0.246761530  
## 18 0.13728835 -0.510274530  
## 19 0.06668089 -0.575663850  
## 20 0.23363094 -0.769501100  
## 21 0.08777639 -0.617007450  
## 22 0.40567757 -0.550060990  
## 23 0.27388505 -0.438127310  
## 24 0.19355673 -0.594439550  
## 25 0.32078760 -0.296682110  
## 26 0.29543031 -0.497287250  
## 27 0.29315673 0.184093630  
## 28 -0.27117090 -0.276026620  
## 29 0.22072527 -0.424358980  
## 30 0.16349957 -0.662650550  
## 31 -1.00000000 0.071059033  
## 32 -0.94151016 -0.242352300  
## 33 -0.58818391 0.250695100  
## 34 -0.12355492 -0.625218520  
## 35 -0.08994818 -0.532493190  
## 36 0.24861129 -0.596795520  
## 37 0.13494586 -0.466915860  
## 38 0.08142481 -0.563828650  
## 39 0.11202399 -0.368269730  
## 40 0.08031657 -0.232272470  
## 41 0.08422511 -0.506320380  
## 42 0.08030522 -0.619408140  
## 43 0.11532156 -0.616825980  
## 44 0.31863939 -0.607611960  
## 45 0.09012413 -0.725764840  
## 46 -0.01866270 -0.259207410  
## 47 0.11905236 0.308725330  
## 48 0.13977148 -0.426814450  
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## fBodyAccJerk-kurtosis()-Y fBodyAccJerk-skewness()-Z  
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## fBodyAccJerk-bandsEnergy()-17,32 fBodyAccJerk-bandsEnergy()-33,48  
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## 135 0.2254203 -0.4762076  
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## fBodyAccJerk-bandsEnergy()-25,48 fBodyGyro-mean()-X fBodyGyro-mean()-Y  
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## 130 -0.137999100 -0.57617629 -0.220659350 -0.25653779  
## 131 0.078356584 -0.24629699 -0.098203389 -0.18627212  
## 132 0.040856096 -0.15241152 -0.110192100 -0.23051350  
## 133 -0.108696690 -0.77084856 -0.269150720 -0.27700453  
## 134 -0.160742870 -0.79533775 -0.343985400 -0.33550162  
## 135 -0.035426948 -0.69948637 -0.151089150 -0.18226259  
## 136 -0.009059133 -0.71350861 -0.136190420 -0.21287291  
## 137 0.090170615 -0.32870688 -0.077970601 -0.19658815  
## 138 0.304052600 -0.07748080 -0.007824701 -0.04019322  
## 139 0.261011950 -0.42046701 -0.016945189 -0.03402841  
## 140 -0.058966568 -0.24512095 -0.030541483 -0.24618705  
## 141 -0.130926540 -0.38052959 -0.225683560 -0.24794923  
## 142 -0.097836502 -0.76049065 -0.176226150 -0.15084801  
## 143 -0.064656901 -0.69463631 -0.180174060 -0.26724965  
## 144 -0.055381283 -0.67756906 -0.169357010 -0.28087492  
## 145 0.196716060 -0.33632894 -0.114935020 -0.22826933  
## 146 0.026734935 -0.09923316 -0.066297718 -0.20102145  
## 147 -0.006547873 -0.24387140 -0.145951240 -0.26909476  
## 148 -0.146493000 -0.27778255 -0.127699390 -0.26887791  
## 149 -0.157309160 -0.66459571 -0.168808940 -0.36316255  
## 150 -0.146244190 -0.72474524 -0.220595210 -0.29179293  
## 151 -0.523650160 -0.71273105 0.127155880 -0.60834086  
## 152 -0.495436740 -0.75905985 0.108455330 -0.62598643  
## 153 -0.421354100 -0.35351507 0.102009700 -0.47193162  
## 154 -0.292513100 -0.18391367 0.104647930 -0.44812124  
## 155 -0.398255210 -0.54600378 0.115834100 -0.53317355  
## 156 -0.422911320 -0.63018617 0.037708293 -0.52475430  
## 157 -0.505571700 -0.55956010 0.082867268 -0.57005153  
## 158 -0.508075480 -0.75634413 0.158485130 -0.63764458  
## 159 -0.555572620 -0.69597999 0.127173060 -0.67475699  
## 160 -0.550629100 -0.70748016 0.118655440 -0.65761505  
## 161 -0.276676620 -0.42571307 0.233264110 -0.38337147  
## 162 -0.298900400 -0.22944781 0.241691330 -0.41772985  
## 163 -0.501056850 -0.47425494 0.009654182 -0.60587157  
## 164 -0.471262840 -0.48987807 -0.075789258 -0.58269526  
## 165 -0.547532590 -0.63804730 0.023381992 -0.66512990  
## 166 -0.543624960 -0.78121940 0.073515128 -0.65269888  
## 167 -0.623370050 -0.74582764 0.070169081 -0.70839222  
## 168 -0.543617830 -0.68323644 0.143760540 -0.67795630  
## 169 -0.539058520 -0.72660395 0.142233520 -0.65572339  
## 170 -0.371449210 -0.46221484 0.186528560 -0.48703689  
## 171 -0.364865960 -0.17834721 0.145042010 -0.48619989  
## 172 -0.485377170 -0.65597022 -0.022809809 -0.61251208  
## 173 -0.498402180 -0.54724639 -0.172741920 -0.59477023  
## 174 -0.482104130 -0.43994263 -0.008993622 -0.61090508  
## 175 -0.511214670 -0.78818615 0.129108620 -0.63294127  
## 176 -0.477787900 -0.70532017 0.109551760 -0.67352516  
## 177 -0.915685100 -0.96764765 -0.932485910 -0.90767263  
## fBodyGyro-mad()-X fBodyGyro-mad()-Y fBodyGyro-mad()-Z fBodyGyro-max()-X  
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## 2 -0.97936121 -0.991836830 -0.987965140 -0.98735382  
## 3 -0.97560910 -0.993707100 -0.985030320 -0.97290121  
## 4 -0.98967126 -0.993460700 -0.986526380 -0.99451839  
## 5 -0.98258095 -0.993342630 -0.986461250 -0.98795019  
## 6 -0.98343427 -0.992910550 -0.984088290 -0.98296563  
## 7 -0.98515649 -0.989924560 -0.978270750 -0.99048358  
## 8 -0.98777519 -0.990020550 -0.979144310 -0.98985900  
## 9 -0.98874778 -0.994109880 -0.986430910 -0.99211007  
## 10 -0.98130960 -0.986831880 -0.976648810 -0.98817202  
## 11 -0.98054257 -0.988035070 -0.978262860 -0.98908194  
## 12 -0.99390904 -0.996066360 -0.995259940 -0.99406008  
## 13 -0.99535230 -0.997757970 -0.995969330 -0.99473596  
## 14 -0.99734124 -0.997671200 -0.995640550 -0.99812529  
## 15 -0.97503017 -0.952975310 -0.920089110 -0.97859099  
## 16 -0.99036998 -0.976952910 -0.947501400 -0.98659163  
## 17 -0.99089979 -0.986135400 -0.976158910 -0.98392644  
## 18 -0.99055076 -0.991120980 -0.982216300 -0.98537289  
## 19 -0.99082240 -0.997631200 -0.994502010 -0.99086984  
## 20 -0.99566902 -0.997723610 -0.995540830 -0.99505892  
## 21 -0.99730473 -0.998364200 -0.997814060 -0.99681936  
## 22 -0.99694604 -0.998564130 -0.997738700 -0.99836579  
## 23 -0.99743134 -0.998218540 -0.995025250 -0.99885643  
## 24 -0.99802992 -0.998298370 -0.996347260 -0.99861985  
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## 26 -0.99246385 -0.997644220 -0.995189690 -0.99449412  
## 27 -0.99298500 -0.997687320 -0.996431190 -0.99670223  
## 28 -0.96905851 -0.976397790 -0.916139140 -0.97898612  
## 29 -0.99487581 -0.981368920 -0.975193100 -0.99282305  
## 30 -0.99598517 -0.984638950 -0.971894300 -0.99456968  
## 31 -0.72861845 -0.590986010 -0.577246570 -0.73957724  
## 32 -0.72649694 -0.590922210 -0.584613200 -0.72030215  
## 33 -0.92671103 -0.915999430 -0.755629050 -0.94282730  
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## 35 -0.99842209 -0.991939610 -0.981478430 -0.99683292  
## 36 -0.99711889 -0.995166240 -0.987202140 -0.99491833  
## 37 -0.99914303 -0.993983570 -0.992014830 -0.99913054  
## 38 -0.99853094 -0.994883140 -0.995641840 -0.99727992  
## 39 -0.95777491 -0.981850100 -0.870036740 -0.94073212  
## 40 -0.95144340 -0.991049850 -0.862176400 -0.93310350  
## 41 -0.96603403 -0.990708520 -0.920205130 -0.95358879  
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## 43 -0.99379711 -0.995395080 -0.982527200 -0.99353995  
## 44 -0.99879059 -0.996499380 -0.989913730 -0.99904452  
## 45 -0.99736543 -0.995928860 -0.987783740 -0.99649569  
## 46 -0.99863516 -0.994848340 -0.990474790 -0.99830147  
## 47 -0.99882004 -0.995534830 -0.991533460 -0.99884065  
## 48 -0.99836266 -0.996122910 -0.992213140 -0.99808823  
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## 53 -0.98198630 -0.994313050 -0.911022390 -0.97684241  
## 54 -0.99087512 -0.997321430 -0.957643930 -0.98814381  
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## 56 -0.99917356 -0.996169580 -0.995711740 -0.99918490  
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## 70 -0.68401384 -0.812056310 -0.640700030 -0.72768146  
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## 74 -0.95325234 -0.983357280 -0.970266990 -0.93238462  
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## 79 -0.12947063 -0.172563270 -0.413242750 -0.38959038  
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## 91 -0.40024148 -0.061797249 -0.268070290 -0.35470290  
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## 93 -0.40504057 -0.167942650 -0.299609370 -0.56042217  
## 94 -0.31616108 -0.128854750 -0.214647150 -0.63534118  
## 95 -0.29982945 -0.088462192 -0.302330190 -0.47187269  
## 96 -0.31096922 -0.157818870 -0.329172030 -0.52901144  
## 97 -0.37240942 -0.090157025 -0.176474130 -0.46560617  
## 98 -0.44635237 -0.061348634 -0.251640750 -0.59685051  
## 99 -0.33218289 -0.075054682 -0.287123880 -0.54768856  
## 100 -0.41465345 -0.151022240 -0.283054190 -0.44030688  
## 101 -0.46534090 -0.190930230 -0.403857560 -0.45871391  
## 102 -0.43115512 -0.085783645 -0.261853860 -0.46914403  
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## 105 -0.44182587 -0.187309840 -0.322855250 -0.64785237  
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## 107 -0.38150500 -0.137065980 -0.349998530 -0.62933530  
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## 109 -0.42115830 -0.145251340 -0.328354960 -0.47510545  
## 110 -0.33974845 -0.124185160 -0.260216830 -0.49264698  
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## 113 -0.35506426 -0.190667400 -0.344201880 -0.49603818  
## 114 -0.35062280 -0.229319860 -0.324992480 -0.52194645  
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## 116 -0.26643591 -0.214447800 -0.329961510 -0.62576702  
## 117 -0.44279446 -0.214490120 -0.271005690 -0.65157002  
## 118 -0.40753834 -0.218770880 -0.261415500 -0.64431932  
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## 121 -0.42125930 -0.192041550 -0.319837700 -0.60016130  
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## 124 -0.24779555 -0.215390410 -0.228281480 -0.49442681  
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## 126 -0.56694059 -0.415687950 -0.348706960 -0.81172932  
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## 128 -0.36276826 -0.191633860 -0.181637510 -0.22463664  
## 129 -0.25204192 -0.238016880 -0.176866090 -0.09003682  
## 130 -0.44442903 -0.253234180 -0.130385720 -0.53433506  
## 131 -0.25288431 -0.106982130 0.081035727 -0.04508696  
## 132 -0.22556564 -0.166080660 -0.006919852 0.07404777  
## 133 -0.64548976 -0.315504320 -0.165720520 -0.85229369  
## 134 -0.67519742 -0.299312080 -0.138557510 -0.86964881  
## 135 -0.54954437 -0.116474830 -0.020337841 -0.78052857  
## 136 -0.56239430 -0.116885180 0.009496041 -0.76390860  
## 137 -0.28952090 -0.027660624 0.065638376 -0.26565297  
## 138 -0.20421774 0.053683092 0.295840080 0.19547923  
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## 140 -0.21492719 0.012970362 -0.003951824 -0.07727254  
## 141 -0.23968091 -0.208898570 -0.131535280 -0.34627112  
## 142 -0.64272683 -0.177758440 -0.101914850 -0.79509762  
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## 146 0.01019535 -0.037966149 0.004120575 0.03513249  
## 147 -0.15877653 -0.233740610 -0.050737109 -0.10763387  
## 148 -0.17864481 -0.124389430 -0.160448620 -0.15883971  
## 149 -0.52954370 -0.141558400 -0.191468710 -0.72915171  
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## 154 -0.27926392 -0.169657570 -0.316240390 0.06235339  
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## 160 -0.55625775 -0.230937210 -0.554223520 -0.79618152  
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## 162 -0.33002903 -0.167328490 -0.247844300 -0.07158146  
## 163 -0.54399800 -0.308238080 -0.494208090 -0.29617382  
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## 166 -0.70365891 -0.369588060 -0.548754730 -0.79612129  
## 167 -0.66359039 -0.343253910 -0.635814820 -0.77103469  
## 168 -0.58397231 -0.356755100 -0.582928100 -0.76869492  
## 169 -0.59285435 -0.319595290 -0.525756180 -0.81520581  
## 170 -0.33681512 -0.218456010 -0.313195450 -0.47487953  
## 171 -0.20980625 -0.218109440 -0.309584930 0.04218976  
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## 173 -0.45520160 -0.395038910 -0.484640600 -0.48607583  
## 174 -0.29870046 -0.279640140 -0.488772710 -0.39059473  
## 175 -0.68806030 -0.361613480 -0.508583990 -0.83303434  
## 176 -0.58337979 -0.358727790 -0.518606980 -0.76174242  
## 177 -0.96671466 -0.954301800 -0.922421820 -0.96596717  
## fBodyGyro-max()-Y fBodyGyro-max()-Z fBodyGyro-min()-X fBodyGyro-min()-Y  
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## 2 -0.984786440 -0.9901508 -0.9868918 -0.99905355  
## 3 -0.994985970 -0.9912830 -0.9883117 -0.99723271  
## 4 -0.991801410 -0.9922807 -0.9897006 -0.99434379  
## 5 -0.993228270 -0.9914436 -0.9937381 -0.99372533  
## 6 -0.993198970 -0.9876443 -0.9993609 -0.99784518  
## 7 -0.991546060 -0.9866849 -0.9999740 -0.99440080  
## 8 -0.985695060 -0.9816202 -0.9958029 -0.99488144  
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## 23 -0.996289910 -0.9948751 -0.9996824 -0.99852898  
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## 126 -0.7171491 -0.333679630 -0.9476466 -0.7751744  
## 127 -0.6665807 -0.262252980 -0.9622292 -0.6459298  
## 128 -0.8891015 -0.048264612 -0.7852705 -0.6073553  
## 129 -0.8742393 -0.095061293 -0.7249376 -0.6578559  
## 130 -0.9943539 -0.221708420 -0.8947558 -0.6872580  
## 131 -0.8843860 -0.046506569 -0.7107115 -0.5824908  
## 132 -0.8305113 0.007150605 -0.6349900 -0.5651605  
## 133 -0.8842831 -0.290257270 -0.9642628 -0.7152266  
## 134 -0.9072602 -0.252288440 -0.9674870 -0.7168432  
## 135 -0.9591267 -0.019051427 -0.9304913 -0.5091940  
## 136 -0.7691997 -0.077956754 -0.9431082 -0.5315813  
## 137 -0.9121673 0.058782358 -0.7665707 -0.4641153  
## 138 -0.5829863 0.132319760 -0.5810299 -0.4481817  
## 139 -0.5396101 0.141550990 -0.7962581 -0.4321412  
## 140 -0.8455113 0.032042974 -0.7054596 -0.4567253  
## 141 -0.7663177 0.080600315 -0.7294746 -0.6041924  
## 142 -0.8296131 -0.211258700 -0.9585437 -0.6286101  
## 143 -0.8906996 -0.183272440 -0.9361877 -0.6385308  
## 144 -0.7396597 -0.137153050 -0.9191802 -0.6320434  
## 145 0.2738583 0.024488104 -0.7532273 -0.5789019  
## 146 -0.8940236 0.156230290 -0.5658515 -0.4601759  
## 147 -0.3657264 -0.011055064 -0.6928005 -0.5959252  
## 148 -0.7902767 -0.111860870 -0.7243927 -0.6177712  
## 149 -0.8852218 -0.162661170 -0.9199993 -0.6219685  
## 150 -0.9816711 -0.271753780 -0.9509036 -0.6856804  
## 151 -0.9598783 -0.406666530 -0.9502940 -0.5000206  
## 152 -0.6170503 -0.435309540 -0.9652121 -0.5193654  
## 153 -0.9320671 -0.311523140 -0.7890612 -0.5246129  
## 154 -0.7020478 -0.214023340 -0.6800010 -0.4921471  
## 155 -0.7906246 -0.318580930 -0.8924148 -0.4892342  
## 156 -0.9398798 -0.322269410 -0.9212654 -0.5402968  
## 157 -0.9602892 -0.346268590 -0.8955047 -0.5181461  
## 158 -0.9462020 -0.426543700 -0.9619044 -0.4859049  
## 159 -0.9848054 -0.415540510 -0.9396377 -0.5174825  
## 160 -0.9219177 -0.399916300 -0.9410112 -0.5186587  
## 161 -0.9201588 -0.252299560 -0.8247814 -0.4157545  
## 162 -0.7509658 -0.244612170 -0.7093563 -0.4117511  
## 163 -0.8655158 -0.398118990 -0.8557472 -0.6084038  
## 164 -0.8214859 -0.400176050 -0.8698466 -0.6502685  
## 165 -0.9722308 -0.406676040 -0.9150255 -0.6004448  
## 166 -0.8426900 -0.498941190 -0.9707933 -0.5674151  
## 167 -0.7917237 -0.497488700 -0.9556514 -0.5805685  
## 168 -0.7808728 -0.484295700 -0.9403374 -0.5333514  
## 169 -0.9981617 -0.467823730 -0.9520923 -0.5247828  
## 170 -0.9754666 -0.307190860 -0.8428369 -0.4681652  
## 171 -0.9533660 -0.229065750 -0.6653625 -0.4814123  
## 172 -0.7598021 -0.425902670 -0.9309121 -0.6261549  
## 173 -0.8670018 -0.412635140 -0.8894092 -0.7135099  
## 174 -0.9755349 -0.324450440 -0.8234371 -0.6111165  
## 175 -0.9201784 -0.517241110 -0.9716460 -0.5430228  
## 176 -0.7569917 -0.424004100 -0.9392243 -0.5495855  
## 177 -0.8861409 -0.946916110 -0.9994135 -0.9979763  
## fBodyGyro-energy()-Z fBodyGyro-iqr()-X fBodyGyro-iqr()-Y fBodyGyro-iqr()-Z  
## 1 -0.9999346 -0.99034389 -0.994835690 -0.9944115800  
## 2 -0.9998921 -0.98709935 -0.995563750 -0.9872544800  
## 3 -0.9998463 -0.98553645 -0.995392090 -0.9925506500  
## 4 -0.9998668 -0.99287780 -0.996288800 -0.9902236000  
## 5 -0.9998642 -0.99046444 -0.996122820 -0.9974263400  
## 6 -0.9997811 -0.98832177 -0.994086100 -0.9904452200  
## 7 -0.9996897 -0.98614699 -0.992654940 -0.9870957600  
## 8 -0.9996735 -0.99061560 -0.995250190 -0.9927599400  
## 9 -0.9998614 -0.98958313 -0.993872770 -0.9906848600  
## 10 -0.9997310 -0.98492932 -0.990468850 -0.9775954200  
## 11 -0.9997324 -0.98465169 -0.988368020 -0.9770836800  
## 12 -0.9999722 -0.99534259 -0.995980300 -0.9956069900  
## 13 -0.9999729 -0.99633801 -0.998810880 -0.9950285500  
## 14 -0.9999755 -0.99617340 -0.996703420 -0.9964253100  
## 15 -0.9957100 -0.97554375 -0.980634090 -0.9715479300  
## 16 -0.9975353 -0.99405980 -0.990058690 -0.9861509400  
## 17 -0.9995571 -0.99416864 -0.995591490 -0.9915744700  
## 18 -0.9997569 -0.99428435 -0.995940830 -0.9899393600  
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## 20 -0.9999654 -0.99654484 -0.998535070 -0.9939249400  
## 21 -0.9999899 -0.99596914 -0.998235070 -0.9957073200  
## 22 -0.9999869 -0.99511128 -0.998359300 -0.9958231800  
## 23 -0.9999637 -0.99583465 -0.998443560 -0.9952390000  
## 24 -0.9999739 -0.99620294 -0.998467740 -0.9954867000  
## 25 -0.9999558 -0.99548912 -0.997511460 -0.9940565200  
## 26 -0.9999655 -0.99635113 -0.997892410 -0.9959981200  
## 27 -0.9999805 -0.99180056 -0.997844460 -0.9937630300  
## 28 -0.9962130 -0.97924822 -0.976770700 -0.9300827200  
## 29 -0.9993777 -0.99685338 -0.989481020 -0.9902013400  
## 30 -0.9992955 -0.99650622 -0.993806130 -0.9936340200  
## 31 -0.9056005 -0.89087905 -0.887204710 -0.8564255700  
## 32 -0.8779497 -0.86963574 -0.843201250 -0.8363589200  
## 33 -0.9598705 -0.94187703 -0.961009740 -0.9350240300  
## 34 -0.9996525 -0.99503093 -0.981317980 -0.9939987500  
## 35 -0.9996336 -0.99825683 -0.991639310 -0.9951897900  
## 36 -0.9998516 -0.99710450 -0.994596000 -0.9916152700  
## 37 -0.9999181 -0.99908200 -0.992736200 -0.9945036400  
## 38 -0.9999742 -0.99719696 -0.995798910 -0.9938582900  
## 39 -0.9866901 -0.98647582 -0.987559130 -0.9410843800  
## 40 -0.9859664 -0.96975294 -0.994050520 -0.9361640500  
## 41 -0.9946722 -0.98367155 -0.993601160 -0.9694070600  
## 42 -0.9995893 -0.99301554 -0.994315520 -0.9916374000  
## 43 -0.9997492 -0.99433809 -0.995630910 -0.9905803300  
## 44 -0.9998562 -0.99923478 -0.996239500 -0.9955513800  
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## 46 -0.9998864 -0.99797077 -0.994911650 -0.9936235400  
## 47 -0.9998815 -0.99679529 -0.996585440 -0.9954074700  
## 48 -0.9999337 -0.99732379 -0.996103930 -0.9929333900  
## 49 -0.9998908 -0.99705523 -0.996616600 -0.9914904600  
## 50 -0.9998885 -0.99706676 -0.996221600 -0.9917829000  
## 51 -0.9998843 -0.99709415 -0.996043680 -0.9920672000  
## 52 -0.9815358 -0.98099820 -0.936641280 -0.9473447300  
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## 54 -0.9983640 -0.99381337 -0.997523340 -0.9807928200  
## 55 -0.9998905 -0.99807164 -0.999058690 -0.9938245800  
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## 64 -0.9999480 -0.99865130 -0.996511060 -0.9952028500  
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## 67 -0.9039314 -0.68561220 -0.847305080 -0.6897261100  
## 68 -0.9169188 -0.71222292 -0.840139510 -0.7090740600  
## 69 -0.9969348 -0.88486171 -0.949726070 -0.9210734600  
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## 71 -0.9068470 -0.65505056 -0.670746850 -0.5614179900  
## 72 -0.9612286 -0.51298337 -0.661363660 -0.7542518500  
## 73 -0.9920930 -0.83743117 -0.876483030 -0.9503137200  
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## 79 -0.8505732 -0.15776225 -0.157220510 -0.2727760900  
## 80 -0.8194029 -0.54217351 -0.374696420 -0.3380534600  
## 81 -0.7848326 -0.28566143 -0.358834170 -0.3942889600  
## 82 -0.7359166 0.08463824 -0.233651240 -0.2594351400  
## 83 -0.7586200 -0.06126157 -0.051355921 -0.4317071600  
## 84 -0.8011200 -0.52250939 -0.242643650 -0.5400960100  
## 85 -0.7684132 -0.44780354 -0.251012910 -0.4100973600  
## 86 -0.7518043 -0.40761937 -0.240811860 -0.2676676800  
## 87 -0.8365630 -0.33431292 -0.410380510 -0.5377148100  
## 88 -0.8047021 -0.32939949 -0.271992130 -0.3417494200  
## 89 -0.7863251 -0.46205845 -0.538525460 -0.4515490900  
## 90 -0.7640730 -0.34021069 -0.296629570 -0.3374293000  
## 91 -0.7593765 -0.51884477 -0.309497180 -0.4671065700  
## 92 -0.7706980 -0.27520985 -0.088878386 -0.4108266000  
## 93 -0.7408006 -0.40457240 -0.301448520 -0.3954454200  
## 94 -0.7261809 -0.42718715 -0.210807120 -0.1955380100  
## 95 -0.7584676 -0.28111627 -0.287180050 -0.3912682400  
## 96 -0.7476866 -0.23145994 -0.185369220 -0.4434108100  
## 97 -0.7306194 -0.36824448 -0.196290870 -0.1457041300  
## 98 -0.7529308 -0.37233459 -0.130189700 -0.3266707700  
## 99 -0.7285763 -0.22061620 -0.129674850 -0.2957414800  
## 100 -0.7602965 -0.44354040 -0.304580870 -0.2801077200  
## 101 -0.7950567 -0.22348424 -0.256392300 -0.4169106900  
## 102 -0.7541596 -0.44184307 -0.040947102 -0.2518217900  
## 103 -0.7538864 -0.21354887 -0.114760230 -0.5311332200  
## 104 -0.7861259 -0.23252229 -0.116036780 -0.4249691400  
## 105 -0.7985289 -0.49584749 -0.275038480 -0.3702462900  
## 106 -0.8100226 -0.45712070 -0.256615370 -0.4980786900  
## 107 -0.7803424 -0.37252498 -0.423868500 -0.3838859600  
## 108 -0.7638556 -0.54170113 -0.332312170 -0.2016302800  
## 109 -0.7679913 -0.37617616 -0.252875190 -0.4772449800  
## 110 -0.7588333 -0.32976786 -0.169060200 -0.1856672900  
## 111 -0.7573817 -0.34781788 -0.242179510 -0.3491617100  
## 112 -0.7589378 -0.38805402 -0.119882900 -0.4771227400  
## 113 -0.7719440 -0.32831033 -0.326203600 -0.5366456900  
## 114 -0.7339394 -0.20445186 -0.372810410 -0.5958372800  
## 115 -0.7695597 -0.32626768 -0.260317350 -0.4834001400  
## 116 -0.7857692 -0.26520357 -0.404408090 -0.4644990200  
## 117 -0.7517279 -0.52472410 -0.319121030 -0.2383793600  
## 118 -0.7705211 -0.43567660 -0.281275360 -0.2863658200  
## 119 -0.7870465 -0.40873990 -0.358730610 -0.5213035400  
## 120 -0.7892786 -0.41173614 -0.367161530 -0.4179236700  
## 121 -0.7934729 -0.44894501 -0.258330950 -0.2437957200  
## 122 -0.7341649 -0.16649623 -0.326544230 -0.3716462300  
## 123 -0.6895396 -0.01617439 -0.182011310 -0.4268759500  
## 124 -0.7500113 -0.10055991 -0.314078850 -0.2193535100  
## 125 -0.7753490 -0.52979407 -0.193368930 -0.3920695500  
## 126 -0.7726874 -0.35028443 -0.625656400 -0.3731208900  
## 127 -0.7582512 -0.50834476 -0.282960880 -0.3348167800  
## 128 -0.7213711 -0.39981145 0.002573135 -0.0240545010  
## 129 -0.7088483 -0.27585145 -0.274805260 -0.0853799210  
## 130 -0.6533278 -0.32246988 -0.399980100 -0.1741239500  
## 131 -0.5489045 -0.35610485 -0.063854847 0.0523593070  
## 132 -0.5906322 -0.22694439 -0.240838360 0.1271292000  
## 133 -0.6598759 -0.54075988 -0.405689700 0.0233300940  
## 134 -0.7079981 -0.47700234 -0.287462380 -0.1968508600  
## 135 -0.5768223 -0.41556006 -0.024055218 -0.0958392460  
## 136 -0.5918554 -0.35777514 0.075986334 -0.0324141970  
## 137 -0.5529358 -0.38299351 0.202812340 0.2691285700  
## 138 -0.3623397 -0.45516219 0.183624810 0.5939286400  
## 139 -0.3716813 -0.51879633 0.137263030 0.0844340350  
## 140 -0.6275098 -0.43059477 0.114836360 -0.2758253400  
## 141 -0.6459813 -0.30531558 -0.078539451 -0.1888025600  
## 142 -0.5689705 -0.47574240 -0.239823850 -0.3353196800  
## 143 -0.6428729 -0.47280916 -0.112934760 -0.3445897400  
## 144 -0.6493710 -0.31084123 -0.282660920 0.0568963350  
## 145 -0.5428622 -0.17422576 -0.069342859 0.0839910460  
## 146 -0.5739057 0.07628877 0.076781858 -0.0004963149  
## 147 -0.6292051 -0.24853213 -0.367257200 -0.0916995800  
## 148 -0.6633679 -0.47463437 -0.121435170 -0.2589447400  
## 149 -0.7232742 -0.44173736 -0.117411520 -0.1593893700  
## 150 -0.6780042 -0.39336415 -0.156907440 -0.2275771100  
## 151 -0.9001204 -0.63869259 -0.265853030 -0.5175564000  
## 152 -0.9024682 -0.59021927 -0.506922830 -0.6240161000  
## 153 -0.8296901 -0.55886692 -0.435639700 -0.5092801700  
## 154 -0.7961598 -0.62041823 -0.348159070 -0.3204168500  
## 155 -0.8532554 -0.55690090 -0.431039950 -0.3736632500  
## 156 -0.8535861 -0.54167816 -0.577785000 -0.5359998600  
## 157 -0.8837145 -0.61663240 -0.261519430 -0.5532190400  
## 158 -0.9079904 -0.59625242 -0.401510840 -0.5634054300  
## 159 -0.9253569 -0.46543671 -0.434443420 -0.4202875200  
## 160 -0.9196411 -0.38799576 -0.395681070 -0.6238702900  
## 161 -0.7594059 -0.53067166 -0.341682800 -0.3574981900  
## 162 -0.7819827 -0.61174118 -0.568647170 -0.3742662500  
## 163 -0.8963104 -0.52390455 -0.498450430 -0.5796683700  
## 164 -0.8838173 -0.66981458 -0.534612720 -0.4010017200  
## 165 -0.9215467 -0.66214959 -0.574497210 -0.5817686000  
## 166 -0.9172752 -0.70184448 -0.537926700 -0.5363052600  
## 167 -0.9421071 -0.63436113 -0.651006200 -0.7541835900  
## 168 -0.9248451 -0.78124870 -0.679458780 -0.6792023500  
## 169 -0.9176518 -0.59866209 -0.544702880 -0.5252386500  
## 170 -0.8286829 -0.41047295 -0.573025930 -0.1905023700  
## 171 -0.8271917 -0.58811932 -0.569614510 -0.3201890500  
## 172 -0.8965104 -0.53561433 -0.562680230 -0.5397705700  
## 173 -0.8919882 -0.46058461 -0.685077640 -0.5275309000  
## 174 -0.8955013 -0.41238333 -0.443617720 -0.5363591500  
## 175 -0.9068664 -0.57787445 -0.625916680 -0.4924721500  
## 176 -0.9149560 -0.55541652 -0.545327380 -0.4218259300  
## 177 -0.9948705 -0.99011953 -0.982303710 -0.9673529100  
## fBodyGyro-entropy()-X fBodyGyro-entropy()-Y fBodyGyro-entropy()-Z  
## 1 -0.71240225 -0.64484236 -0.83899298  
## 2 -0.61111189 -0.76460301 -0.75107966  
## 3 -0.59098655 -0.80828724 -0.75107966  
## 4 -0.72366552 -0.80375407 -0.81728590  
## 5 -0.65261680 -0.82721239 -0.73745777  
## 6 -0.67818627 -0.80828724 -0.75107966  
## 7 -0.66105912 -0.71588695 -0.70894966  
## 8 -0.70705422 -0.73969167 -0.73270749  
## 9 -0.70705422 -0.82721239 -0.73053702  
## 10 -0.63519981 -0.68508075 -0.64651900  
## 11 -0.61754980 -0.65524407 -0.73053702  
## 12 -0.82184063 -0.89492156 -0.88888489  
## 13 -0.86612578 -0.92277168 -0.91833498  
## 14 -0.95391262 -0.95530222 -0.91833498  
## 15 -0.51124873 -0.29482153 -0.25977222  
## 16 -0.86216623 -0.54992485 -0.54665218  
## 17 -0.79765302 -0.70819189 -0.69142778  
## 18 -0.82062055 -0.75172117 -0.71777025  
## 19 -0.79765302 -0.92277168 -0.91833498  
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## 27 -0.78425315 -0.92277168 -1.00000000  
## 28 -0.51190757 -0.44799535 -0.20988466  
## 29 -0.87456970 -0.57107159 -0.70504967  
## 30 -0.92037074 -0.66064667 -0.66662180  
## 31 -0.06841067 0.14469114 -0.02774620  
## 32 0.06065306 0.15269787 -0.01567151  
## 33 -0.34623165 -0.12840274 -0.23961983  
## 34 -0.86612578 -0.48544409 -0.75107966  
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## 37 -1.00000000 -0.82602909 -0.84206336  
## 38 -0.95391262 -0.87016227 -0.91833498  
## 39 -0.53238385 -0.59472789 -0.44079195  
## 40 -0.34771383 -0.74483279 -0.39619027  
## 41 -0.47433511 -0.79407249 -0.31285644  
## 42 -0.66250006 -0.84774017 -0.72473719  
## 43 -0.82062055 -0.84774017 -0.76952156  
## 44 -1.00000000 -0.92277168 -0.84206336  
## 45 -0.92037074 -0.95530222 -0.77093105  
## 46 -0.95391262 -0.82721239 -0.90561440  
## 47 -1.00000000 -0.80828724 -0.84206336  
## 48 -0.95391262 -0.92277168 -0.83899298  
## 49 -1.00000000 -0.87016227 -0.90561440  
## 50 -0.95391262 -0.84774017 -0.81603462  
## 51 -1.00000000 -0.91074218 -0.81603462  
## 52 -0.43240036 -0.13009034 -0.51444423  
## 53 -0.67493232 -0.85064374 -0.25740967  
## 54 -0.75245371 -0.92277168 -0.50990446  
## 55 -0.92037074 -0.91074218 -0.81603462  
## 56 -1.00000000 -0.89492156 -0.88888489  
## 57 -1.00000000 -0.91074218 -0.86270321  
## 58 -1.00000000 -0.91074218 -0.84206336  
## 59 -1.00000000 -0.85064374 -0.95273437  
## 60 -1.00000000 -0.92277168 -0.91833498  
## 61 -1.00000000 -0.95530222 -0.95273437  
## 62 -1.00000000 -0.91074218 -0.91833498  
## 63 -1.00000000 -0.91074218 -0.95273437  
## 64 -1.00000000 -0.87835160 -0.95273437  
## 65 -0.25162709 -0.09330635 -0.19413082  
## 66 -0.42908052 -0.53756092 -0.20022343  
## 67 0.27951208 0.13253721 0.20213126  
## 68 0.37944809 0.09057969 0.19024931  
## 69 -0.03335559 -0.15708304 -0.18797373  
## 70 0.23922584 0.19499491 0.03444464  
## 71 0.46300896 0.42174943 0.36733777  
## 72 0.62625433 0.39489623 0.23475662  
## 73 0.03144654 -0.07071600 -0.29711769  
## 74 -0.48176016 -0.52801522 -0.67870720  
## 75 -0.36065109 -0.67004601 -0.69993121  
## 76 -0.53726857 -0.85064374 -0.77093105  
## 77 -0.60199115 -0.89492156 -0.83899298  
## 78 -0.82062055 -0.95530222 -0.88888489  
## 79 0.51136604 0.52091537 0.64419959  
## 80 0.49594046 0.68853815 0.58728389  
## 81 0.60032604 0.73435991 0.64503627  
## 82 0.64005669 0.71344949 0.58391618  
## 83 0.65811649 0.75841890 0.52700267  
## 84 0.56517669 0.75890675 0.40578415  
## 85 0.45996871 0.77685812 0.57595296  
## 86 0.56888015 0.70830837 0.58582170  
## 87 0.58744641 0.65064130 0.37390231  
## 88 0.57045950 0.54838583 0.58451414  
## 89 0.60150827 0.56668652 0.55911020  
## 90 0.42507886 0.74233680 0.46460318  
## 91 0.48085657 0.81501713 0.58435635  
## 92 0.60378600 0.69782614 0.58834950  
## 93 0.57284525 0.68907770 0.59764097  
## 94 0.52765345 0.68833817 0.62293528  
## 95 0.57603913 0.79330605 0.61462952  
## 96 0.59830670 0.86297974 0.56959772  
## 97 0.49984141 0.80124039 0.58738459  
## 98 0.45050617 0.68185685 0.53613324  
## 99 0.59464712 0.73519576 0.60543990  
## 100 0.48382322 0.68907770 0.63686831  
## 101 0.58678319 0.72941878 0.52975160  
## 102 0.63175936 0.84850602 0.58535083  
## 103 0.61557013 0.87221602 0.58747432  
## 104 0.57740295 0.80124039 0.52464695  
## 105 0.53136331 0.68967837 0.40759145  
## 106 0.50871776 0.73328060 0.52238311  
## 107 0.47181272 0.65205607 0.61764565  
## 108 0.54727577 0.79805663 0.63020193  
## 109 0.59326638 0.74311755 0.50404431  
## 110 0.63691713 0.72284298 0.55200013  
## 111 0.57360018 0.67425500 0.51173235  
## 112 0.59628848 0.78641768 0.50812605  
## 113 0.60181378 0.76371540 0.44380693  
## 114 0.56236915 0.76810048 0.40721568  
## 115 0.56009238 0.68002150 0.51344323  
## 116 0.49641662 0.79584758 0.47254896  
## 117 0.54093577 0.77892865 0.66393813  
## 118 0.53551090 0.65938974 0.62839930  
## 119 0.59656715 0.73030731 0.43537956  
## 120 0.57335769 0.71323300 0.49330605  
## 121 0.54324978 0.72459023 0.53003314  
## 122 0.58138293 0.66253830 0.51382866  
## 123 0.61077220 0.69547822 0.52622065  
## 124 0.57871651 0.69313031 0.43434327  
## 125 0.45600127 0.71113677 0.51719532  
## 126 0.57335769 0.72506888 0.57441647  
## 127 0.44468518 0.84935836 0.46865002  
## 128 0.55323235 0.80298763 0.67417591  
## 129 0.59402778 0.81453848 0.68622282  
## 130 0.60588650 0.68453724 0.66580515  
## 131 0.58842456 0.74045706 0.65410660  
## 132 0.61853247 0.81688639 0.74405196  
## 133 0.44887327 0.73242825 0.69528341  
## 134 0.50998418 0.82437543 0.51261621  
## 135 0.47303326 0.83218775 0.62050616  
## 136 0.52084672 0.91639421 0.59478914  
## 137 0.59051214 0.81167800 0.71079337  
## 138 0.54058638 0.84152133 0.67484830  
## 139 0.48937196 0.86313511 0.71093906  
## 140 0.54911362 0.84202470 0.67050461  
## 141 0.62563499 0.78296574 0.54693163  
## 142 0.48747309 0.79390672 0.64831854  
## 143 0.48951715 0.88339317 0.52691517  
## 144 0.53941706 0.78267788 0.54520357  
## 145 0.62405452 0.80213529 0.65695843  
## 146 0.48384847 0.82951655 0.72228824  
## 147 0.55259599 0.76136748 0.50114395  
## 148 0.53505064 0.79155881 0.57365980  
## 149 0.48731289 0.74825867 0.61988844  
## 150 0.49720462 0.72407767 0.64436389  
## 151 0.37598498 0.68329336 0.39987679  
## 152 0.20562007 0.63333819 0.34872834  
## 153 0.42452356 0.45179895 0.37655913  
## 154 0.51001181 0.65913806 0.45289534  
## 155 0.37578593 0.64751561 0.35492938  
## 156 0.42277227 0.60876848 0.33791679  
## 157 0.38219129 0.53236179 0.39087331  
## 158 0.45453114 0.56090954 0.39874415  
## 159 0.38620892 0.57893251 0.36612988  
## 160 0.49261385 0.59433731 0.30781662  
## 161 0.40315297 0.62796373 0.54855162  
## 162 0.47745537 0.57566065 0.29027834  
## 163 0.48088205 0.56154540 0.41311325  
## 164 0.35239969 0.60366956 0.40468677  
## 165 0.36508072 0.61870910 0.41204764  
## 166 0.32880900 0.48616709 0.30468224  
## 167 0.35867536 0.48519053 0.19938232  
## 168 0.17276447 0.41656281 0.30702636  
## 169 0.45329435 0.52729099 0.41444500  
## 170 0.55039618 0.49315177 0.41918385  
## 171 0.45538193 0.60661849 0.43775388  
## 172 0.42914950 0.51439064 0.27348913  
## 173 0.49728604 0.46806441 0.36643594  
## 174 0.41149315 0.59127458 0.36540575  
## 175 0.30050694 0.45663558 0.45236672  
## 176 0.39859426 0.31948076 0.38370507  
## 177 -0.60571124 -0.35144809 -0.31631303  
## fBodyGyro-maxInds-X fBodyGyro-maxInds-Y fBodyGyro-maxInds-Z  
## 1 -1.00000000 -1.00000000 -1.0000000  
## 2 -1.00000000 -1.00000000 -1.0000000  
## 3 -1.00000000 -0.87096774 -1.0000000  
## 4 -1.00000000 -1.00000000 -0.7931035  
## 5 -1.00000000 -0.80645161 -1.0000000  
## 6 -0.93333333 -0.93548387 -0.9310345  
## 7 -1.00000000 -0.93548387 -1.0000000  
## 8 -0.86666667 -1.00000000 -1.0000000  
## 9 -1.00000000 -1.00000000 -0.7931035  
## 10 -0.53333333 -0.54838710 -0.7931035  
## 11 -1.00000000 -0.54838710 -0.7241379  
## 12 -0.80000000 -1.00000000 -0.5862069  
## 13 -1.00000000 -1.00000000 -1.0000000  
## 14 -0.80000000 -1.00000000 -1.0000000  
## 15 -0.86666667 -1.00000000 -1.0000000  
## 16 -1.00000000 -1.00000000 -1.0000000  
## 17 -1.00000000 -1.00000000 -0.9310345  
## 18 -1.00000000 -0.93548387 -1.0000000  
## 19 -1.00000000 -0.48387097 -1.0000000  
## 20 -0.80000000 -1.00000000 -1.0000000  
## 21 -0.80000000 -1.00000000 -0.1724138  
## 22 -1.00000000 -1.00000000 -0.4482759  
## 23 -0.53333333 -1.00000000 -1.0000000  
## 24 -0.86666667 -1.00000000 -1.0000000  
## 25 -0.93333333 -1.00000000 -1.0000000  
## 26 -1.00000000 -1.00000000 -0.9310345  
## 27 -0.86666667 -1.00000000 -0.7931035  
## 28 -1.00000000 -1.00000000 -1.0000000  
## 29 -1.00000000 -1.00000000 -1.0000000  
## 30 -1.00000000 -1.00000000 -1.0000000  
## 31 -0.93333333 -0.93548387 -0.9310345  
## 32 -0.93333333 -0.87096774 -0.9310345  
## 33 -1.00000000 -0.93548387 -1.0000000  
## 34 -1.00000000 -1.00000000 -1.0000000  
## 35 -1.00000000 -1.00000000 -1.0000000  
## 36 -1.00000000 -1.00000000 -1.0000000  
## 37 -0.20000000 -1.00000000 -1.0000000  
## 38 -1.00000000 -1.00000000 -1.0000000  
## 39 -1.00000000 -1.00000000 -1.0000000  
## 40 -1.00000000 -1.00000000 -1.0000000  
## 41 -1.00000000 -1.00000000 -1.0000000  
## 42 -1.00000000 -0.93548387 -1.0000000  
## 43 -1.00000000 -1.00000000 -1.0000000  
## 44 -1.00000000 -0.93548387 -1.0000000  
## 45 -1.00000000 -1.00000000 -1.0000000  
## 46 -1.00000000 -1.00000000 -0.9310345  
## 47 -0.80000000 -0.67741935 -1.0000000  
## 48 -1.00000000 -1.00000000 -1.0000000  
## 49 -0.93333333 -0.93548387 -1.0000000  
## 50 -1.00000000 -1.00000000 -1.0000000  
## 51 -0.86666667 -1.00000000 -1.0000000  
## 52 -0.73333333 -1.00000000 -1.0000000  
## 53 -1.00000000 -1.00000000 -1.0000000  
## 54 -1.00000000 -1.00000000 -1.0000000  
## 55 -1.00000000 -1.00000000 -1.0000000  
## 56 -1.00000000 -1.00000000 -1.0000000  
## 57 -0.60000000 -1.00000000 -0.3793103  
## 58 -0.40000000 -1.00000000 -1.0000000  
## 59 -1.00000000 -1.00000000 -1.0000000  
## 60 -1.00000000 -1.00000000 -1.0000000  
## 61 -0.60000000 -1.00000000 -1.0000000  
## 62 -0.33333333 -1.00000000 -1.0000000  
## 63 -1.00000000 -1.00000000 -1.0000000  
## 64 -0.40000000 -1.00000000 -1.0000000  
## 65 -0.93333333 -1.00000000 -1.0000000  
## 66 -1.00000000 -1.00000000 -1.0000000  
## 67 -1.00000000 -1.00000000 -1.0000000  
## 68 -1.00000000 -1.00000000 -1.0000000  
## 69 -0.80000000 -0.93548387 -0.9310345  
## 70 -0.93333333 -0.93548387 -1.0000000  
## 71 -0.93333333 -1.00000000 -1.0000000  
## 72 -0.93333333 0.09677419 -0.7931035  
## 73 -1.00000000 -0.80645161 -1.0000000  
## 74 -1.00000000 -1.00000000 -0.9310345  
## 75 -1.00000000 -1.00000000 -1.0000000  
## 76 -1.00000000 -1.00000000 -1.0000000  
## 77 -1.00000000 -0.87096774 -1.0000000  
## 78 -1.00000000 0.09677419 -0.9310345  
## 79 -1.00000000 -0.93548387 -0.5862069  
## 80 -0.26666667 -0.93548387 -0.5862069  
## 81 -0.93333333 -0.93548387 -0.5862069  
## 82 -0.26666667 -0.61290323 -0.5862069  
## 83 -0.26666667 -0.61290323 -0.5862069  
## 84 -0.26666667 -0.93548387 -0.5862069  
## 85 -0.33333333 -0.93548387 -0.5862069  
## 86 -0.33333333 -0.93548387 -0.5862069  
## 87 -0.33333333 -0.93548387 -0.5862069  
## 88 -0.26666667 -0.61290323 -0.5862069  
## 89 -0.26666667 -0.93548387 -0.5862069  
## 90 -0.26666667 -0.93548387 -0.5862069  
## 91 -0.26666667 -0.61290323 -0.5862069  
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## 93 -0.26666667 -0.61290323 -0.5862069  
## 94 -0.26666667 -0.93548387 -0.5862069  
## 95 -0.26666667 -0.61290323 -0.5862069  
## 96 -0.33333333 -0.93548387 -0.5862069  
## 97 -0.33333333 -0.93548387 -0.5862069  
## 98 -0.33333333 -0.93548387 -0.7931035  
## 99 -0.26666667 -0.61290323 -0.5862069  
## 100 -0.26666667 -0.61290323 -0.5862069  
## 101 -0.26666667 -0.61290323 -0.5862069  
## 102 -0.26666667 -0.61290323 -0.5862069  
## 103 -0.26666667 -0.61290323 -0.5862069  
## 104 -0.26666667 -0.61290323 -0.5862069  
## 105 -0.33333333 -0.93548387 -0.5862069  
## 106 -0.26666667 -0.61290323 -0.5862069  
## 107 -0.26666667 -0.61290323 -0.5862069  
## 108 -0.26666667 -0.61290323 -0.5862069  
## 109 -0.26666667 -0.61290323 -0.5862069  
## 110 -0.33333333 -0.61290323 -0.5862069  
## 111 -0.33333333 -0.93548387 -0.5862069  
## 112 -0.26666667 -0.61290323 -0.5862069  
## 113 -0.26666667 -0.61290323 -0.5862069  
## 114 -0.26666667 -0.93548387 -0.5862069  
## 115 -0.26666667 -0.61290323 -0.5862069  
## 116 -0.26666667 -0.93548387 -0.5862069  
## 117 -0.33333333 -0.93548387 -0.5862069  
## 118 -0.33333333 -0.61290323 -0.5862069  
## 119 -0.33333333 -0.93548387 -0.5862069  
## 120 -0.33333333 -0.93548387 -0.5862069  
## 121 -0.33333333 -0.93548387 -0.5862069  
## 122 -0.33333333 -0.93548387 -0.5862069  
## 123 -0.93333333 -0.93548387 -0.9310345  
## 124 -0.93333333 -0.93548387 -0.5862069  
## 125 -0.33333333 -0.93548387 -0.5862069  
## 126 -0.46666667 -0.93548387 -0.7931035  
## 127 -0.06666667 -0.93548387 -0.7931035  
## 128 -1.00000000 -0.80645161 -0.7931035  
## 129 -1.00000000 -0.93548387 -0.7931035  
## 130 -1.00000000 -0.93548387 -0.7931035  
## 131 -1.00000000 -0.93548387 -0.7931035  
## 132 -1.00000000 -0.93548387 -0.7931035  
## 133 -0.73333333 -0.80645161 -0.7931035  
## 134 -1.00000000 -0.80645161 -0.7931035  
## 135 -0.80000000 -0.93548387 -0.7931035  
## 136 -1.00000000 -0.80645161 -0.7931035  
## 137 -1.00000000 -0.93548387 -0.7241379  
## 138 -1.00000000 -1.00000000 -0.7241379  
## 139 -1.00000000 -0.93548387 -0.7931035  
## 140 -1.00000000 -1.00000000 -0.7241379  
## 141 -1.00000000 -0.87096774 -0.7241379  
## 142 -1.00000000 -0.74193548 -0.7241379  
## 143 -1.00000000 -0.61290323 -0.7241379  
## 144 -0.73333333 -0.74193548 -0.7241379  
## 145 -1.00000000 -0.93548387 -0.7241379  
## 146 -1.00000000 -1.00000000 -0.7241379  
## 147 -1.00000000 -0.93548387 -0.7931035  
## 148 -1.00000000 -0.93548387 -0.7931035  
## 149 -1.00000000 -0.93548387 -0.7931035  
## 150 -1.00000000 -0.93548387 -0.7241379  
## 151 -0.66666667 -0.93548387 -0.9310345  
## 152 -0.66666667 -0.93548387 -0.9310345  
## 153 -1.00000000 -0.93548387 -0.9310345  
## 154 -1.00000000 -0.93548387 -0.9310345  
## 155 -1.00000000 -0.93548387 -0.9310345  
## 156 -1.00000000 -0.93548387 -0.8620690  
## 157 -1.00000000 -0.93548387 -0.9310345  
## 158 -0.66666667 -0.93548387 -0.6551724  
## 159 -0.93333333 -0.93548387 -0.6551724  
## 160 -0.40000000 -0.93548387 -0.6551724  
## 161 -1.00000000 -0.93548387 -0.9310345  
## 162 -1.00000000 -0.93548387 -0.9310345  
## 163 -1.00000000 -0.93548387 -0.9310345  
## 164 -1.00000000 -0.93548387 -0.9310345  
## 165 -1.00000000 -0.93548387 -0.9310345  
## 166 -0.66666667 -0.93548387 -0.9310345  
## 167 -0.66666667 -0.93548387 -0.9310345  
## 168 -0.93333333 -0.93548387 -0.5172414  
## 169 -0.40000000 -0.93548387 -0.6551724  
## 170 -1.00000000 -0.93548387 -0.9310345  
## 171 -1.00000000 -0.93548387 -0.9310345  
## 172 -1.00000000 -0.93548387 -0.7931035  
## 173 -1.00000000 -0.93548387 -0.9310345  
## 174 -1.00000000 -0.93548387 -0.7931035  
## 175 -0.40000000 -0.93548387 -0.7931035  
## 176 -0.93333333 -0.93548387 -0.9310345  
## 177 -1.00000000 -1.00000000 -1.0000000  
## fBodyGyro-meanFreq()-X fBodyGyro-meanFreq()-Y fBodyGyro-meanFreq()-Z  
## 1 -0.257548880 0.097947109 0.547151050  
## 2 -0.048167435 -0.401607910 -0.068178329  
## 3 -0.216685070 -0.017264171 -0.110720290  
## 4 0.216862460 -0.135245360 -0.049727978  
## 5 -0.153342580 -0.088402726 -0.162230390  
## 6 -0.363039680 -0.133238310 0.194833240  
## 7 -0.307125430 -0.345672350 -0.079245503  
## 8 -0.088135904 -0.208115150 -0.075989386  
## 9 -0.184054600 0.176727260 0.212799940  
## 10 -0.172767850 -0.249084800 -0.060978402  
## 11 -0.279813710 -0.051035768 0.098829200  
## 12 0.076938014 -0.106821220 0.265521280  
## 13 0.024244269 -0.104572710 0.066322633  
## 14 0.269347630 0.153873780 0.155010920  
## 15 -0.019135493 -0.180810370 0.032643334  
## 16 -0.298132870 -0.301921440 -0.207959480  
## 17 -0.141756700 -0.213753830 0.078100498  
## 18 0.013179090 -0.270679270 -0.122861760  
## 19 -0.032881452 -0.032916715 0.071666087  
## 20 0.047905446 -0.194127230 0.073319687  
## 21 0.244888520 0.040963158 0.538052870  
## 22 0.173206400 0.176265050 0.519471820  
## 23 0.152867780 0.127488590 0.157891380  
## 24 0.202108780 0.149955880 0.467748380  
## 25 -0.013018887 0.043613052 0.259453200  
## 26 -0.167580880 0.132312930 0.405599820  
## 27 0.039766646 0.240390510 0.399691600  
## 28 -0.065895342 0.170246870 0.132541140  
## 29 0.100660450 -0.149223230 -0.303980280  
## 30 0.004411003 -0.181670200 0.032572191  
## 31 -0.382648070 -0.943974780 -0.570219370  
## 32 -0.748897090 -0.929298180 -0.788565910  
## 33 0.365211330 -0.275484920 -0.363118500  
## 34 0.407850680 0.390122340 -0.199648400  
## 35 0.176088840 0.011722064 -0.011644735  
## 36 0.021293298 0.387837590 0.078644167  
## 37 0.508896840 0.078256408 0.189182500  
## 38 0.226754400 0.117984800 0.414301660  
## 39 -0.266903980 -0.034240203 0.020744702  
## 40 -0.006195488 0.105735340 0.028201727  
## 41 -0.055776458 -0.341826880 -0.029434105  
## 42 -0.053054666 0.054628796 -0.097023482  
## 43 -0.025235088 0.115093150 -0.190595190  
## 44 0.152303990 0.297617400 -0.146189140  
## 45 0.085242794 0.041432036 0.030780583  
## 46 0.506718310 0.075560070 -0.106985640  
## 47 0.515708410 0.012158485 0.021367340  
## 48 0.404578290 -0.029123489 0.100322390  
## 49 0.423799610 0.150680320 0.244971380  
## 50 0.289586850 0.240368010 -0.081032820  
## 51 0.547813440 0.198003190 -0.205258520  
## 52 -0.129463190 -0.309655510 -0.067389048  
## 53 -0.177294700 -0.088881882 -0.001677066  
## 54 0.039468108 0.126619590 0.065183838  
## 55 0.088837787 -0.229763950 0.065986097  
## 56 0.425051940 -0.230510800 0.416154030  
## 57 0.357211840 -0.182859490 0.457239100  
## 58 0.327643990 -0.065534723 -0.158283110  
## 59 0.274076000 -0.185850850 0.344276430  
## 60 0.240344100 -0.244588240 0.251622770  
## 61 0.361707840 -0.063420823 0.334651060  
## 62 0.434532900 -0.217294520 0.115203510  
## 63 0.332185080 -0.124006230 0.216568690  
## 64 0.261273400 -0.214712740 0.138874450  
## 65 -0.406273810 -0.008389396 -0.363912810  
## 66 -0.284899730 -0.189956500 -0.097143842  
## 67 -0.635255950 -0.464462440 -0.642706100  
## 68 -0.684586340 -0.543455890 -0.614135460  
## 69 -0.191151360 -0.142787650 0.437217290  
## 70 0.647802880 -0.151683600 -0.166214160  
## 71 -0.539330040 -0.051106787 -0.354013970  
## 72 0.036605456 0.010096269 0.261337040  
## 73 0.008769714 -0.283283490 -0.556243520  
## 74 -0.366659440 0.275148540 -0.265426780  
## 75 -0.015075881 0.319061840 -0.144292610  
## 76 -0.009131195 0.031022827 -0.104425230  
## 77 -0.101427210 0.160151200 0.121361020  
## 78 -0.136188710 0.444590770 0.102437860  
## 79 -0.330997110 -0.233157760 0.085932199  
## 80 0.107934450 -0.306520560 0.087772901  
## 81 -0.179806730 -0.241827980 0.243442240  
## 82 -0.175159580 0.063447474 0.229134880  
## 83 -0.176371710 -0.144037600 0.059106372  
## 84 0.192511600 0.012079807 0.001941880  
## 85 0.053237664 -0.108108040 -0.108423390  
## 86 0.096134195 -0.067297563 -0.016259307  
## 87 -0.070288769 -0.113083130 -0.020525379  
## 88 0.215049000 -0.069224902 -0.022534522  
## 89 0.015490945 -0.031424588 0.131208890  
## 90 -0.093225047 0.124766650 0.126136020  
## 91 -0.099440510 -0.223247300 -0.056947522  
## 92 -0.094465238 -0.057402259 0.303891960  
## 93 -0.093528107 -0.062564688 0.056758584  
## 94 -0.160468170 -0.161135590 0.059063705  
## 95 -0.093259832 -0.172193320 0.064732887  
## 96 0.007181370 0.157095470 0.335902770  
## 97 0.079862733 0.114940020 -0.026331045  
## 98 0.157775630 -0.060304675 0.177889280  
## 99 0.035581175 -0.112759790 0.031980681  
## 100 -0.211377770 -0.179375650 0.145716910  
## 101 0.086360665 0.008461133 0.169932020  
## 102 0.171607670 0.130523610 0.142688560  
## 103 0.417764330 0.022161469 0.089850824  
## 104 0.166467080 -0.049550401 -0.167058970  
## 105 0.300663830 0.023011309 -0.005762288  
## 106 0.141806560 -0.139465410 -0.044702788  
## 107 0.031361340 -0.059003099 0.098759545  
## 108 -0.059055883 -0.153797610 0.100038130  
## 109 0.347995890 -0.205627200 0.140365180  
## 110 0.015475838 -0.053423728 0.034968190  
## 111 0.164289330 -0.009551474 -0.025302140  
## 112 0.093320478 -0.058011686 0.084639142  
## 113 -0.126434720 -0.192063120 -0.036058172  
## 114 -0.164975860 0.186302930 -0.080894909  
## 115 0.085882020 -0.076718325 -0.234889040  
## 116 -0.097264816 0.144694560 0.013290581  
## 117 0.301567990 -0.060010380 0.011039751  
## 118 0.004451371 -0.103531270 -0.099350904  
## 119 0.079667705 -0.034231901 -0.010705905  
## 120 -0.111624830 -0.107021250 -0.090697355  
## 121 0.009590735 -0.287443420 0.125040480  
## 122 -0.022771345 -0.124691380 0.095250191  
## 123 -0.191392740 -0.076126971 0.059448969  
## 124 -0.042109493 -0.055083698 0.015352197  
## 125 0.079880519 -0.011948492 -0.089887344  
## 126 0.033780191 -0.034990470 0.250846130  
## 127 0.130184780 0.158594710 -0.053909993  
## 128 -0.091790647 0.219972140 -0.081350896  
## 129 -0.276763870 0.053146257 -0.065220965  
## 130 -0.230168470 -0.111027370 -0.167334610  
## 131 -0.331724720 -0.056439261 -0.109697180  
## 132 -0.239386130 0.147405660 -0.042918991  
## 133 -0.052042087 0.063600481 -0.019507893  
## 134 0.174630370 0.206860690 -0.128174010  
## 135 0.239652190 0.293642910 -0.131393810  
## 136 -0.037451841 0.044612356 -0.080760434  
## 137 -0.411829640 0.227806930 -0.099426281  
## 138 -0.235642750 -0.034835653 -0.072141714  
## 139 0.282613490 0.220216540 -0.011078582  
## 140 -0.273451660 0.013371946 -0.210913340  
## 141 0.261214460 0.238497030 -0.135131100  
## 142 0.121126070 -0.001378490 -0.083550440  
## 143 0.066273333 -0.199489280 0.005675634  
## 144 0.199211060 -0.004748372 -0.030940873  
## 145 -0.183790690 0.006072845 0.305178530  
## 146 -0.271625690 0.139105990 -0.101623150  
## 147 -0.283779780 0.127093210 -0.055674832  
## 148 -0.376292360 -0.210272950 -0.165097440  
## 149 0.103480610 -0.050917516 -0.108252110  
## 150 -0.207610290 -0.196521180 -0.105410400  
## 151 -0.081708175 -0.449037790 -0.265394380  
## 152 -0.160722040 -0.398793500 0.228831990  
## 153 -0.361994930 -0.557266070 -0.389647700  
## 154 -0.445640730 -0.401318430 -0.090917826  
## 155 -0.359681170 -0.146380220 -0.185414810  
## 156 -0.257251110 0.129886670 -0.224752450  
## 157 -0.182984810 -0.426402130 -0.265109030  
## 158 -0.068768740 -0.412460400 -0.076123229  
## 159 -0.078118895 -0.479242030 -0.185066840  
## 160 -0.045241325 -0.458119640 -0.077196701  
## 161 -0.367834800 -0.616220770 -0.347019310  
## 162 -0.288989210 -0.413008810 -0.291015890  
## 163 0.029905730 -0.604607010 -0.236434830  
## 164 -0.481223460 -0.357879640 -0.227776800  
## 165 0.073155079 -0.401237550 0.004669988  
## 166 -0.175276650 -0.323709730 -0.096896885  
## 167 0.229802350 -0.558906010 -0.026827856  
## 168 -0.056067139 -0.611287620 0.248818020  
## 169 -0.196422600 -0.588456210 -0.077275176  
## 170 -0.447763570 -0.520396390 -0.340808280  
## 171 -0.391539530 -0.431375670 -0.333985930  
## 172 -0.254804620 -0.373491400 -0.122794780  
## 173 -0.433653010 -0.213922460 -0.207995930  
## 174 -0.280707570 -0.614817210 -0.018778622  
## 175 -0.116147160 -0.580930380 -0.064262783  
## 176 0.107519630 -0.611715140 0.083109590  
## 177 -0.249398920 -0.253796280 -0.074027066  
## fBodyGyro-skewness()-X fBodyGyro-kurtosis()-X fBodyGyro-skewness()-Y  
## 1 0.377311210 0.13409154 0.273371970  
## 2 -0.458553310 -0.79701355 0.387568890  
## 3 0.090519474 -0.24469109 -0.429272360  
## 4 -0.572087600 -0.87361791 -0.135118480  
## 5 -0.339596820 -0.72262793 -0.265470670  
## 6 -0.004027766 -0.32315869 -0.290070130  
## 7 -0.406014170 -0.75492010 -0.299729310  
## 8 -0.180735280 -0.55024249 0.045216459  
## 9 -0.346130470 -0.69363782 -0.290414690  
## 10 -0.411613990 -0.76129774 -0.485115520  
## 11 -0.429648340 -0.78539301 -0.484830520  
## 12 -0.222658010 -0.57607278 -0.046324223  
## 13 -0.163253090 -0.48919944 0.037388303  
## 14 -0.587059620 -0.85230583 -0.417607970  
## 15 -0.119324690 -0.48617319 0.057176573  
## 16 0.231915350 -0.15728792 0.343220140  
## 17 0.628678450 0.50542962 0.018924348  
## 18 0.398868260 0.17727387 -0.179650490  
## 19 -0.109321240 -0.50151768 -0.499101860  
## 20 -0.135194670 -0.45312049 -0.070108945  
## 21 -0.245709040 -0.53490407 -0.244371690  
## 22 -0.689223450 -0.90735603 -0.678659030  
## 23 -0.761817980 -0.94282190 -0.029990680  
## 24 -0.604167580 -0.84814146 -0.583983680  
## 25 -0.416788750 -0.73925244 -0.515558950  
## 26 -0.366416410 -0.74541733 -0.374686310  
## 27 -0.585380340 -0.88169235 -0.437332190  
## 28 -0.292383550 -0.69162730 -0.258001100  
## 29 0.086807423 -0.27056161 0.302189260  
## 30 0.022476192 -0.32801773 0.300500080  
## 31 0.002283131 -0.43378408 -0.003595217  
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## 33 -0.292856580 -0.68033290 -0.050799307  
## 34 -0.604579830 -0.88026052 -0.382169830  
## 35 0.077987764 -0.17169604 0.048282987  
## 36 0.233773230 -0.01567836 -0.404495150  
## 37 -0.554893560 -0.85230602 -0.053967943  
## 38 -0.037981634 -0.27179080 -0.246416170  
## 39 0.415522820 0.18207381 0.350957580  
## 40 0.354427880 0.08783647 -0.193605230  
## 41 0.336306840 0.06737794 -0.010394094  
## 42 0.139758330 -0.18237819 -0.258405730  
## 43 -0.161586850 -0.48044378 -0.255095200  
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## 45 -0.142660440 -0.46656905 0.169540570  
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## 48 -0.430757700 -0.70488158 0.075388228  
## 49 -0.597688010 -0.86751683 -0.376318840  
## 50 -0.418354650 -0.68793374 -0.189293650  
## 51 -0.614163600 -0.85301834 0.354491010  
## 52 -0.146505240 -0.58868376 -0.604780750  
## 53 0.222842290 -0.07936523 0.134930690  
## 54 0.135277370 -0.18992228 0.220953270  
## 55 0.203151870 -0.07398114 0.361579370  
## 56 -0.685026860 -0.88736885 0.051888709  
## 57 -0.696682530 -0.89469684 0.288668280  
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## 59 -0.745659960 -0.91615217 0.260375010  
## 60 -0.362405800 -0.63922936 0.224464940  
## 61 -0.556679340 -0.83391790 0.527836520  
## 62 -0.701307010 -0.91039289 0.185915150  
## 63 -0.635927310 -0.85710487 0.145419540  
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## 65 -0.170362540 -0.61077979 -0.221561910  
## 66 0.352359680 0.10846309 -0.305047380  
## 67 -0.423934350 -0.78367260 -0.125606460  
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## 69 -0.298035690 -0.68614585 0.024354612  
## 70 -0.183717360 -0.57146880 -0.225841450  
## 71 -0.424954720 -0.78454226 -0.468644200  
## 72 -0.470160310 -0.81848931 -0.661494880  
## 73 0.019438835 -0.34546462 -0.487621920  
## 74 0.389002200 0.09146227 -0.656135060  
## 75 0.308875660 0.04608247 -0.602276700  
## 76 0.635267120 0.48557170 -0.080046144  
## 77 -0.153349260 -0.55871902 -0.521885020  
## 78 -0.070824249 -0.43384751 -0.522438830  
## 79 -0.328274940 -0.65006419 -0.090959804  
## 80 -0.320674390 -0.68937778 -0.032869664  
## 81 -0.340868690 -0.67833492 -0.013912385  
## 82 -0.561989850 -0.85615858 -0.262960660  
## 83 -0.285776650 -0.61572606 -0.204201850  
## 84 -0.146971520 -0.45693703 -0.041147748  
## 85 -0.324522090 -0.69324222 -0.169798580  
## 86 -0.314819760 -0.67272980 -0.024366106  
## 87 -0.341564560 -0.68430793 0.039102635  
## 88 -0.281784090 -0.64970106 0.011952491  
## 89 -0.356866150 -0.69864536 0.064729281  
## 90 -0.093531363 -0.38705628 -0.185266700  
## 91 0.139598300 -0.13997564 -0.211471160  
## 92 -0.093437573 -0.39909350 -0.146485030  
## 93 -0.282279980 -0.60563190 -0.171540640  
## 94 -0.436475040 -0.78597997 -0.090972000  
## 95 -0.259978210 -0.60270522 -0.211953650  
## 96 -0.350035600 -0.70365866 -0.147073860  
## 97 -0.149875720 -0.49730229 -0.195734380  
## 98 -0.203358340 -0.60608413 -0.180950420  
## 99 -0.392584590 -0.71004562 -0.151498930  
## 100 0.018251499 -0.29840667 -0.074179914  
## 101 0.050798684 -0.23611922 -0.257963970  
## 102 -0.069414663 -0.39563048 -0.305883080  
## 103 -0.092038846 -0.38505359 -0.180320810  
## 104 -0.521537150 -0.83041458 -0.055786254  
## 105 -0.366943070 -0.73460595 -0.037405299  
## 106 -0.251030290 -0.55464969 -0.053715246  
## 107 -0.431273850 -0.77189975 -0.092117130  
## 108 0.060660311 -0.22455084 -0.020987115  
## 109 -0.090786781 -0.43021364 -0.042287923  
## 110 -0.236365610 -0.58342995 -0.081577577  
## 111 -0.306849390 -0.67242563 -0.102376380  
## 112 -0.341667850 -0.69840258 -0.190295840  
## 113 -0.231203930 -0.57748951 -0.076547539  
## 114 -0.295999220 -0.60753163 -0.064432951  
## 115 -0.236588930 -0.56307368 -0.107157610  
## 116 -0.504906590 -0.82871573 -0.056193274  
## 117 -0.368051030 -0.73920547 -0.130535970  
## 118 -0.403809340 -0.75691249 -0.127633710  
## 119 -0.322793430 -0.68198327 0.003360503  
## 120 -0.288742170 -0.64010793 -0.106461730  
## 121 -0.348972320 -0.66380246 -0.193868590  
## 122 -0.466792070 -0.76329478 -0.190045320  
## 123 -0.577586210 -0.86608788 -0.165505820  
## 124 -0.372011080 -0.69265903 0.046471743  
## 125 -0.156404040 -0.51735140 -0.267207070  
## 126 -0.673288960 -0.91018523 -0.306536820  
## 127 -0.583993860 -0.87001251 -0.480121290  
## 128 0.306025050 0.05864884 -0.649612480  
## 129 0.349337700 0.13860774 -0.499214840  
## 130 -0.133418840 -0.41542247 -0.444147720  
## 131 0.416010060 0.21827158 -0.417362160  
## 132 0.454539980 0.23753438 -0.328682660  
## 133 -0.656434160 -0.91407009 -0.342857650  
## 134 -0.697295070 -0.92927945 -0.595178170  
## 135 -0.560473720 -0.85523145 -0.594444190  
## 136 -0.568184170 -0.84251435 -0.582257010  
## 137 0.092942392 -0.26229420 -0.533294530  
## 138 0.560246980 0.38384539 -0.556397310  
## 139 0.197043370 -0.12852374 -0.434312870  
## 140 0.276268740 0.03211036 -0.513687790  
## 141 -0.188902070 -0.53275884 -0.477835290  
## 142 -0.537208960 -0.81914488 -0.494502010  
## 143 -0.633660580 -0.90508588 -0.492850270  
## 144 -0.666979060 -0.91328361 -0.440497970  
## 145 0.045814685 -0.24502027 -0.360943020  
## 146 0.107523060 -0.20081329 -0.530406030  
## 147 0.147421120 -0.13241820 -0.359362310  
## 148 0.109102650 -0.17336374 -0.450207640  
## 149 -0.474059610 -0.80591466 -0.512367190  
## 150 -0.541173410 -0.83266925 -0.452290990  
## 151 -0.394455780 -0.75471065 0.426609610  
## 152 -0.338814960 -0.70215256 0.423368940  
## 153 0.126312360 -0.27528396 0.343880060  
## 154 0.586383810 0.43182271 0.301912160  
## 155 0.175978100 -0.11323728 0.549051280  
## 156 -0.207821030 -0.59423249 0.384067550  
## 157 0.003865457 -0.36163169 0.334134660  
## 158 -0.474067660 -0.79441773 0.409455060  
## 159 -0.573812470 -0.87856203 0.601389440  
## 160 -0.607548640 -0.88332155 0.496854310  
## 161 -0.027980704 -0.39566793 0.429168430  
## 162 0.396751900 0.09448958 0.422656020  
## 163 0.642616660 0.51551265 0.370060360  
## 164 0.388310650 0.19540500 0.353361870  
## 165 -0.334020140 -0.68415128 0.651560160  
## 166 -0.355392250 -0.68435291 0.720708180  
## 167 -0.346889230 -0.70606553 0.657155290  
## 168 -0.403979320 -0.78612413 0.728174250  
## 169 -0.620380920 -0.89915065 0.638246030  
## 170 -0.158850600 -0.52340502 0.464798450  
## 171 0.454821740 0.25430124 0.332355920  
## 172 -0.268097360 -0.58602513 0.455004540  
## 173 0.016764501 -0.27178018 0.295893700  
## 174 -0.098919747 -0.41201053 0.227438240  
## 175 -0.535465870 -0.83496257 0.707205250  
## 176 -0.465874600 -0.79601855 0.708655370  
## 177 0.015900621 -0.38726838 0.222522900  
## fBodyGyro-kurtosis()-Y fBodyGyro-skewness()-Z fBodyGyro-kurtosis()-Z  
## 1 -0.091261831 -0.4843465000 -0.782850700  
## 2 0.148664830 -0.1569092700 -0.451775890  
## 3 -0.812639050 -0.3919912800 -0.767482400  
## 4 -0.542238400 -0.3793527000 -0.756548330  
## 5 -0.689988250 -0.2679956000 -0.659207810  
## 6 -0.705384420 -0.2350402800 -0.608142460  
## 7 -0.729331910 -0.3692527400 -0.750154790  
## 8 -0.352715920 -0.0606741820 -0.411153760  
## 9 -0.667476570 -0.5143254500 -0.841780340  
## 10 -0.863717730 -0.6239262600 -0.907814440  
## 11 -0.850799440 -0.5836939800 -0.898025170  
## 12 -0.372482900 -0.5532205500 -0.864047260  
## 13 -0.342954360 -0.1832115100 -0.533621850  
## 14 -0.751222610 -0.5647264600 -0.849592200  
## 15 -0.359487800 0.0191836720 -0.366190910  
## 16 0.012541707 0.4488601200 0.212242110  
## 17 -0.449285890 -0.1426691000 -0.560991080  
## 18 -0.634926760 -0.2195001800 -0.608904320  
## 19 -0.860249310 -0.6441104800 -0.889412280  
## 20 -0.398610430 0.1642359900 -0.059484444  
## 21 -0.569563990 -0.8422165800 -0.974487430  
## 22 -0.942177300 -0.7135377300 -0.915549370  
## 23 -0.354406860 -0.1883249400 -0.489986910  
## 24 -0.891478670 -0.4978882200 -0.783645160  
## 25 -0.826533390 -0.2597188200 -0.564891460  
## 26 -0.719531880 -0.5785257400 -0.866645300  
## 27 -0.774434770 -0.7505779800 -0.936653640  
## 28 -0.639422220 -0.2908162500 -0.660349390  
## 29 -0.010505714 0.3955027700 0.128625180  
## 30 -0.043620087 0.2036475800 -0.123004950  
## 31 -0.509856030 -0.1031577000 -0.547146260  
## 32 -0.486319770 0.2153332800 -0.193187540  
## 33 -0.520895290 0.1337182500 -0.275486160  
## 34 -0.740818740 0.1844983100 -0.100267500  
## 35 -0.248123920 0.3369898400 0.067432390  
## 36 -0.762774770 -0.2041190600 -0.598836240  
## 37 -0.347625580 -0.0004057221 -0.309929490  
## 38 -0.627623290 -0.6163938200 -0.865304860  
## 39 0.004835940 0.2939707900 -0.003681890  
## 40 -0.653032200 0.2117110700 -0.115457110  
## 41 -0.427787510 0.3472152900 0.057471609  
## 42 -0.637271130 0.2706408100 -0.058975272  
## 43 -0.609487640 -0.0715169820 -0.452781160  
## 44 -0.329745050 0.4777592000 0.289481200  
## 45 -0.068719047 0.4037474500 0.201517560  
## 46 -0.794577560 0.1971762500 -0.126513980  
## 47 -0.796976160 0.2821242200 -0.015433377  
## 48 -0.241106630 -0.1622439000 -0.463076490  
## 49 -0.782237620 0.2938506100 0.048677831  
## 50 -0.556102050 0.0932096210 -0.183879740  
## 51 0.137884120 -0.0259480530 -0.333739760  
## 52 -0.925982010 0.3341057800 0.059866256  
## 53 -0.193638670 0.2806077100 -0.023560853  
## 54 -0.064349569 0.3691176600 0.110466060  
## 55 0.075114765 0.1424721400 -0.126160110  
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## 59 -0.045699805 0.1868561100 -0.042932941  
## 60 -0.067703190 0.3682118300 0.173312190  
## 61 0.352844150 0.1015468300 -0.134971710  
## 62 -0.095081364 -0.1031756800 -0.398511100  
## 63 -0.148763220 0.2282568000 0.006672723  
## 64 -0.060811050 0.3286615700 0.133915080  
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## 107 -0.514205330 -0.2324110800 -0.557767090  
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## 121 -0.606794940 -0.4001476500 -0.728954450  
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## 127 -0.832026080 -0.0522844710 -0.358023570  
## 128 -0.913869210 -0.3006267700 -0.582487920  
## 129 -0.845887070 -0.3204005700 -0.643053120  
## 130 -0.816103480 -0.2128366800 -0.561335570  
## 131 -0.774211630 -0.3896166600 -0.698598440  
## 132 -0.711777650 -0.3359676800 -0.637624700  
## 133 -0.729711740 -0.0391732150 -0.336259000  
## 134 -0.897502520 -0.3868717800 -0.729610750  
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## 137 -0.847820060 -0.4022255900 -0.703316030  
## 138 -0.872428450 -0.4221855200 -0.722694730  
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## 141 -0.805418320 -0.0818236360 -0.391294500  
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## 147 -0.759024620 -0.3807249900 -0.710583520  
## 148 -0.807845590 -0.2006612800 -0.568161980  
## 149 -0.846802640 -0.3623881400 -0.686139590  
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## 151 0.215768430 -0.4069701500 -0.760745380  
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## 154 0.042403337 -0.3020979600 -0.668202710  
## 155 0.380242690 -0.4685616100 -0.791825930  
## 156 0.055119845 -0.3954827600 -0.755171570  
## 157 0.108929740 -0.3121812200 -0.687760080  
## 158 0.175574350 -0.3712733300 -0.711376250  
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## 160 0.301075640 -0.4417866700 -0.785276130  
## 161 0.210940520 -0.4002901800 -0.753681890  
## 162 0.163097360 -0.4166795100 -0.764401820  
## 163 0.096938247 -0.4017687600 -0.733859920  
## 164 0.103030000 -0.4003323900 -0.735639970  
## 165 0.518791690 -0.4798478100 -0.814975550  
## 166 0.609044340 -0.4358523200 -0.781027230  
## 167 0.520923380 -0.3611199900 -0.717812980  
## 168 0.613234570 -0.4568302000 -0.816352500  
## 169 0.484780980 -0.5684241000 -0.871729510  
## 170 0.233322600 -0.4281010800 -0.749544270  
## 171 0.046442259 -0.4485917500 -0.775637730  
## 172 0.217475350 -0.4356873400 -0.769494680  
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## 175 0.578040930 -0.4812060900 -0.794862210  
## 176 0.591186880 -0.6715385200 -0.929887520  
## 177 -0.146227600 0.4356298700 0.211511560  
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## 5 -0.9998700 -0.9999117  
## 6 -0.9998650 -0.9999123  
## 7 -0.9999199 -0.9998862  
## 8 -0.9999314 -0.9999028  
## 9 -0.9999501 -0.9999336  
## 10 -0.9998871 -0.9997890  
## 11 -0.9998754 -0.9998054  
## 12 -0.9999746 -0.9999752  
## 13 -0.9999830 -0.9999841  
## 14 -0.9999944 -0.9999881  
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## 18 -0.9999230 -0.9999620  
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## 23 -0.9999961 -0.9999914  
## 24 -0.9999965 -0.9999926  
## 25 -0.9999879 -0.9999830  
## 26 -0.9999689 -0.9999694  
## 27 -0.9999792 -0.9999623  
## 28 -0.9996278 -0.9997090  
## 29 -0.9999723 -0.9999948  
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## 32 -0.9579419 -0.9964504  
## 33 -0.9974174 -0.9990468  
## 34 -0.9999895 -0.9999776  
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## 40 -0.9983675 -0.9996294  
## 41 -0.9991990 -0.9998522  
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## 66 -0.9983489 -0.9996100  
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## 124 -0.8951252 -0.5190641  
## 125 -0.9618654 -0.4940163  
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## 130 -0.9258000 -0.8037486  
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## 141 -0.8286580 -0.4374391  
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## 148 -0.7391632 -0.8348097  
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## fBodyGyro-bandsEnergy()-17,24 fBodyGyro-bandsEnergy()-25,32  
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## 162 -0.7106974 -0.9339063  
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## 164 -0.8698082 -0.9829561  
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## 166 -0.9713116 -0.9827614  
## 167 -0.9571896 -0.9642829  
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## 169 -0.9527169 -0.9775700  
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## 174 -0.8247399 -0.9518433  
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## fBodyGyro-bandsEnergy()-1,8 fBodyGyro-bandsEnergy()-9,16  
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## fBodyGyro-bandsEnergy()-17,24 fBodyGyro-bandsEnergy()-25,32  
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## 105 -0.8911307 -0.7121619  
## 106 -0.8890152 -0.8734803  
## 107 -0.9023647 -0.7816597  
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## 111 -0.9338281 -0.8906573  
## 112 -0.8980428 -0.7403445  
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## 114 -0.8622540 -0.6543757  
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## 117 -0.9126120 -0.8305474  
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## 122 -0.9389226 -0.8713783  
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## 124 -0.9456620 -0.7943069  
## 125 -0.9563219 -0.7333702  
## 126 -0.9344744 -0.7781954  
## 127 -0.5827816 -0.7139568  
## 128 -0.5962090 -0.2535981  
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## 131 -0.9292629 -0.7865576  
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## 146 -0.4551095 -0.4196999  
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## 161 -0.9857079 -0.9746124  
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## 164 -0.9704458 -0.9538478  
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## 167 -0.9900801 -0.9706047  
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## 88 -0.8129426 -0.8280181  
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## 124 -0.7359285 -0.8140483  
## 125 -0.7568056 -0.7235310  
## 126 -0.9202006 -0.9999142  
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## 128 -0.7987805 -0.9968503  
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## fBodyGyro-bandsEnergy()-33,48 fBodyGyro-bandsEnergy()-49,64  
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## 53 -0.9999866 -0.9999536  
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## 134 -0.9099089 -0.9806319  
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## fBodyGyro-bandsEnergy()-1,24 fBodyGyro-bandsEnergy()-25,48  
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## 164 0.44127109 -0.79310345 -0.05299103  
## 165 0.32488567 -0.79310345 -0.18193522  
## 166 0.30820451 -0.79310345 -0.39514308  
## 167 0.25303343 -0.79310345 -0.31287057  
## 168 0.25390846 -0.79310345 -0.23935199  
## 169 0.44846507 -0.79310345 -0.02274211  
## 170 0.50617884 -0.79310345 -0.05463488  
## 171 0.38136736 -0.79310345 -0.13232022  
## 172 0.39130372 -0.79310345 -0.09736308  
## 173 0.39341825 -0.86206897 -0.03793474  
## 174 0.29094351 -0.79310345 0.01628130  
## 175 0.29425176 -0.79310345 -0.04690781  
## 176 0.52085244 -0.79310345 0.02051198  
## 177 -0.56854380 -0.93103448 -0.12771712  
## fBodyAccMag-skewness() fBodyAccMag-kurtosis() fBodyBodyAccJerkMag-mean()  
## 1 -0.436471040 -0.79684048 -0.993725650  
## 2 -0.122040370 -0.44952188 -0.990335490  
## 3 -0.618725140 -0.87968464 -0.989280070  
## 4 -0.468422260 -0.75649363 -0.992768920  
## 5 -0.112662940 -0.48180520 -0.995522810  
## 6 -0.594643900 -0.80918636 -0.994732920  
## 7 -0.472765670 -0.78376997 -0.987885800  
## 8 0.080451123 -0.18372772 -0.989851440  
## 9 0.037509800 -0.29479210 -0.992072630  
## 10 -0.477766680 -0.76929939 -0.982316830  
## 11 -0.321315820 -0.65022749 -0.984763040  
## 12 -0.765526900 -0.93057052 -0.994729360  
## 13 -0.616811340 -0.82255146 -0.996818870  
## 14 -0.794792130 -0.95306546 -0.995533350  
## 15 0.599074230 0.43153537 -0.989026080  
## 16 -0.340054940 -0.70672940 -0.996815010  
## 17 -0.542040850 -0.84788016 -0.998852640  
## 18 -0.573115760 -0.83731008 -0.996350040  
## 19 -0.793060130 -0.94461524 -0.996740650  
## 20 -0.577484110 -0.86062861 -0.999479460  
## 21 -0.832925950 -0.96462618 -0.998323590  
## 22 -0.851733990 -0.94714017 -0.994495990  
## 23 -0.910951630 -0.97754830 -0.992584990  
## 24 -0.795201590 -0.94007582 -0.994291460  
## 25 -0.556203920 -0.77936756 -0.994448150  
## 26 -0.616192330 -0.84953690 -0.994398240  
## 27 -0.864172300 -0.94072021 -0.993227540  
## 28 0.428324750 0.19482511 -0.975658570  
## 29 0.656063810 0.54392943 -0.994769740  
## 30 -0.152840470 -0.53087960 -0.993985270  
## 31 0.143314070 -0.16925951 -0.860321470  
## 32 0.233579110 -0.07411487 -0.851317880  
## 33 0.755115870 0.66127785 -0.913779770  
## 34 -0.203997350 -0.61168847 -0.990336360  
## 35 -0.031712595 -0.38416172 -0.995547620  
## 36 -0.280536880 -0.57325269 -0.997786290  
## 37 -0.786112560 -0.94149513 -0.997792140  
## 38 -0.687158350 -0.93188083 -0.997603230  
## 39 -0.455449650 -0.78507994 -0.979568200  
## 40 0.378061980 0.14053468 -0.992638060  
## 41 -0.657757040 -0.88829053 -0.994544950  
## 42 -0.677049100 -0.87871209 -0.992333800  
## 43 -0.467295290 -0.73202916 -0.993412050  
## 44 -0.671334840 -0.91484930 -0.993779440  
## 45 -0.642956230 -0.89832106 -0.995488110  
## 46 -0.655847560 -0.88928745 -0.997525660  
## 47 -0.695601100 -0.88314744 -0.997792740  
## 48 -0.802740820 -0.95864923 -0.996570700  
## 49 -0.557812230 -0.81016026 -0.994121110  
## 50 -0.207824400 -0.46745805 -0.996025890  
## 51 -0.603719460 -0.86536477 -0.995735630  
## 52 0.157663920 -0.13623738 -0.910289720  
## 53 -0.131752830 -0.49813681 -0.992513040  
## 54 -0.587336840 -0.78440328 -0.994505940  
## 55 -0.585473940 -0.83196640 -0.996208320  
## 56 -0.761530670 -0.93704919 -0.996996340  
## 57 -0.741629680 -0.92785309 -0.992976650  
## 58 -0.706110580 -0.91978597 -0.993151120  
## 59 -0.799184190 -0.95376160 -0.993998460  
## 60 -0.791277510 -0.95455156 -0.994224150  
## 61 -0.970821340 -1.00000000 -0.995748370  
## 62 -0.699876150 -0.87492482 -0.996309020  
## 63 -0.834581670 -0.95307737 -0.995831100  
## 64 -0.822096930 -0.95927869 -0.992761180  
## 65 -0.102158570 -0.46889333 -0.864884010  
## 66 0.725647990 0.61775949 -0.982140740  
## 67 0.590537630 0.40207181 -0.726190410  
## 68 0.507087810 0.28819371 -0.725460810  
## 69 -0.120995880 -0.51175831 -0.944513500  
## 70 -0.271220480 -0.61157207 -0.834354460  
## 71 0.318115390 0.07977069 -0.358482490  
## 72 -0.155628240 -0.49771999 -0.331756090  
## 73 0.584547070 0.40856170 -0.871886060  
## 74 -0.131988700 -0.53642674 -0.978231550  
## 75 0.459313780 0.24983558 -0.980659710  
## 76 -0.479509590 -0.80862484 -0.996567850  
## 77 -0.297387880 -0.63948034 -0.995277340  
## 78 -0.616510750 -0.86674384 -0.993919360  
## 79 -0.571984600 -0.84768117 -0.154044810  
## 80 -0.696293840 -0.90625240 -0.178445570  
## 81 -0.630874520 -0.86823403 -0.149438010  
## 82 -0.622728900 -0.89663944 -0.132222150  
## 83 -0.536320200 -0.82382515 -0.116087470  
## 84 -0.468570760 -0.79506852 -0.159020980  
## 85 -0.599511360 -0.85897786 -0.135439360  
## 86 -0.657619080 -0.89540083 -0.088076196  
## 87 -0.642315850 -0.88387513 -0.215903460  
## 88 -0.651058350 -0.90199463 -0.083012895  
## 89 -0.403242440 -0.72869485 -0.137112510  
## 90 -0.611167380 -0.89803025 -0.119448350  
## 91 -0.529470780 -0.83952509 -0.152506800  
## 92 -0.566410290 -0.85368860 -0.102792800  
## 93 -0.622151630 -0.88369760 -0.037076583  
## 94 -0.535399600 -0.83370214 -0.033384888  
## 95 -0.438093070 -0.74756288 -0.036035559  
## 96 -0.648540010 -0.89761303 -0.117314840  
## 97 -0.478901190 -0.79151706 -0.131656270  
## 98 -0.563408000 -0.84252561 -0.167512290  
## 99 -0.765437980 -0.95876290 -0.064023916  
## 100 -0.565223880 -0.84410809 -0.024979346  
## 101 -0.557173980 -0.83410666 -0.014190613  
## 102 -0.601689740 -0.87244547 0.149027960  
## 103 -0.580507420 -0.87386443 0.111597180  
## 104 -0.631444460 -0.90355183 0.037196642  
## 105 -0.591665610 -0.87816741 -0.070366165  
## 106 -0.512401010 -0.82736173 -0.165431590  
## 107 -0.584329840 -0.87246506 -0.006305701  
## 108 -0.589299720 -0.86731926 -0.018739839  
## 109 -0.571660430 -0.85354876 -0.066482075  
## 110 -0.534907140 -0.83714532 -0.076468804  
## 111 -0.501527170 -0.81477659 -0.170505550  
## 112 -0.586073680 -0.87264584 0.007337009  
## 113 -0.441770320 -0.73398829 -0.111626250  
## 114 -0.471167080 -0.79067127 -0.165504960  
## 115 -0.574465770 -0.86210214 -0.196543190  
## 116 -0.705389770 -0.93676493 -0.086541332  
## 117 -0.568875850 -0.86314445 -0.052196241  
## 118 -0.607585280 -0.88164243 -0.107683550  
## 119 -0.571491600 -0.87175164 -0.203189800  
## 120 -0.552457240 -0.83744101 -0.215868100  
## 121 -0.524159060 -0.77698525 -0.251961750  
## 122 -0.393287850 -0.70158999 -0.218164700  
## 123 -0.609092810 -0.88309426 -0.183801900  
## 124 -0.509875780 -0.81634753 -0.265151520  
## 125 -0.529114710 -0.82992209 -0.204727960  
## 126 -0.369169590 -0.70958139 -0.114899460  
## 127 -0.398362170 -0.71516057 -0.086251433  
## 128 -0.277543020 -0.61516860 -0.052287846  
## 129 -0.665234900 -0.89628578 -0.068719010  
## 130 -0.559642580 -0.84781495 0.028128341  
## 131 -0.580502170 -0.84949210 0.155831620  
## 132 -0.596997750 -0.84092921 0.128508700  
## 133 -0.539898300 -0.80192881 -0.006825218  
## 134 -0.571103970 -0.85546987 -0.060360287  
## 135 -0.333427910 -0.65070944 0.351674400  
## 136 -0.510601030 -0.78005978 0.211621130  
## 137 -0.453496350 -0.74415535 0.236981360  
## 138 -0.616459580 -0.89084988 0.146866670  
## 139 -0.399055330 -0.70564870 -0.068429084  
## 140 -0.766163990 -0.95203822 -0.018784159  
## 141 -0.550559200 -0.83636501 0.101835760  
## 142 -0.222428470 -0.53502293 0.007555202  
## 143 -0.359304180 -0.63630517 -0.117883400  
## 144 -0.437243530 -0.67438143 -0.099703966  
## 145 -0.457855150 -0.77620067 0.008141825  
## 146 -0.533797910 -0.84610799 0.023269953  
## 147 -0.206357940 -0.54331731 -0.116464960  
## 148 -0.425022820 -0.72805123 -0.188529980  
## 149 -0.688455420 -0.88128901 -0.159543110  
## 150 -0.127759450 -0.42309982 -0.137888200  
## 151 -0.295204410 -0.63004502 -0.490400000  
## 152 -0.131813290 -0.46545867 -0.545202910  
## 153 -0.665821500 -0.92554064 -0.554557200  
## 154 -0.447461190 -0.75573967 -0.477144950  
## 155 -0.457761090 -0.77174365 -0.376664610  
## 156 -0.327722550 -0.64115771 -0.422543990  
## 157 -0.404366170 -0.70698755 -0.428059730  
## 158 -0.214605590 -0.56561039 -0.402990900  
## 159 -0.343106570 -0.67495928 -0.413108420  
## 160 -0.239658180 -0.59317830 -0.471099330  
## 161 -0.388698330 -0.71826820 -0.483479490  
## 162 -0.274569570 -0.58019524 -0.463826810  
## 163 -0.226001270 -0.51950815 -0.537715990  
## 164 -0.430625600 -0.73265926 -0.453953950  
## 165 0.026778022 -0.29130711 -0.480385040  
## 166 -0.100640250 -0.41845010 -0.650319310  
## 167 -0.313804320 -0.62954974 -0.658561100  
## 168 0.005371226 -0.34299436 -0.521539330  
## 169 -0.046212148 -0.36292061 -0.388769400  
## 170 -0.501471500 -0.77783403 -0.400605020  
## 171 -0.375923530 -0.67314975 -0.536967000  
## 172 -0.574837280 -0.84315867 -0.445254780  
## 173 -0.397901320 -0.71444930 -0.453501350  
## 174 -0.443601490 -0.77801855 -0.433356330  
## 175 -0.170464140 -0.52207736 -0.475785870  
## 176 -0.564206120 -0.83772249 -0.275524720  
## 177 -0.328444720 -0.70517293 -0.985690920  
## fBodyBodyAccJerkMag-std() fBodyBodyAccJerkMag-mad()  
## 1 -0.99375495 -0.991975700  
## 2 -0.99196029 -0.989731980  
## 3 -0.99086668 -0.987274290  
## 4 -0.99169983 -0.989054890  
## 5 -0.99438901 -0.993305480  
## 6 -0.99515619 -0.994298620  
## 7 -0.99054611 -0.988054870  
## 8 -0.98979026 -0.986656880  
## 9 -0.99289011 -0.990630320  
## 10 -0.98405698 -0.979903930  
## 11 -0.98661714 -0.983490280  
## 12 -0.99480169 -0.992799970  
## 13 -0.99631669 -0.995477860  
## 14 -0.99545097 -0.993913100  
## 15 -0.98780475 -0.983700100  
## 16 -0.99757854 -0.996070230  
## 17 -0.99774096 -0.996531760  
## 18 -0.99609913 -0.995541380  
## 19 -0.99704535 -0.996180890  
## 20 -0.99958203 -0.999151900  
## 21 -0.99509300 -0.994072930  
## 22 -0.99278698 -0.992553750  
## 23 -0.99181646 -0.991389480  
## 24 -0.99276945 -0.989484080  
## 25 -0.99520624 -0.993875570  
## 26 -0.99426938 -0.991565060  
## 27 -0.99555244 -0.993422690  
## 28 -0.96429842 -0.964865130  
## 29 -0.99278695 -0.990244820  
## 30 -0.99407461 -0.991727560  
## 31 -0.76927158 -0.837239020  
## 32 -0.82288377 -0.857608840  
## 33 -0.90566871 -0.915528040  
## 34 -0.98782658 -0.988269390  
## 35 -0.99517066 -0.993573380  
## 36 -0.99658205 -0.995773260  
## 37 -0.99581104 -0.994429510  
## 38 -0.99632383 -0.995266040  
## 39 -0.97790115 -0.975680380  
## 40 -0.99098543 -0.990028520  
## 41 -0.99489100 -0.993282390  
## 42 -0.99338603 -0.991660510  
## 43 -0.99215353 -0.990221060  
## 44 -0.99534721 -0.993900170  
## 45 -0.99565716 -0.993604210  
## 46 -0.99647978 -0.994565470  
## 47 -0.99754113 -0.996331450  
## 48 -0.99396034 -0.991991440  
## 49 -0.99059234 -0.989598290  
## 50 -0.99284617 -0.991274290  
## 51 -0.99550624 -0.994143960  
## 52 -0.89146988 -0.895242930  
## 53 -0.99296117 -0.989920300  
## 54 -0.99355488 -0.992718490  
## 55 -0.99331487 -0.991698250  
## 56 -0.99267283 -0.992966360  
## 57 -0.99209042 -0.990354220  
## 58 -0.99218464 -0.988653890  
## 59 -0.99404556 -0.992855750  
## 60 -0.99288778 -0.989848320  
## 61 -0.99413160 -0.992274980  
## 62 -0.99439907 -0.992351850  
## 63 -0.99673367 -0.996189590  
## 64 -0.99606696 -0.994497830  
## 65 -0.86628146 -0.886460140  
## 66 -0.97572739 -0.974688060  
## 67 -0.59248301 -0.677398480  
## 68 -0.64267705 -0.695974930  
## 69 -0.95467415 -0.946809150  
## 70 -0.74626649 -0.800131810  
## 71 -0.32035278 -0.364519100  
## 72 -0.25098304 -0.356458890  
## 73 -0.82739933 -0.862241780  
## 74 -0.98139751 -0.980230230  
## 75 -0.97856496 -0.979207690  
## 76 -0.99570379 -0.993810530  
## 77 -0.99726274 -0.996405660  
## 78 -0.99439161 -0.992714620  
## 79 -0.18468998 -0.084326809  
## 80 -0.23065634 -0.148632220  
## 81 -0.32125627 -0.199307570  
## 82 -0.23261183 -0.185612370  
## 83 -0.20103653 -0.058491029  
## 84 -0.25781592 -0.117092580  
## 85 -0.19450513 -0.026957271  
## 86 -0.03299637 0.077706613  
## 87 -0.36040189 -0.240656790  
## 88 -0.29820284 -0.210982420  
## 89 -0.21444218 -0.188305720  
## 90 -0.22363449 -0.226720660  
## 91 -0.27939285 -0.233422130  
## 92 -0.09745663 -0.055776075  
## 93 -0.15403764 -0.131092730  
## 94 -0.23700181 -0.144046190  
## 95 -0.05434977 -0.087157303  
## 96 -0.09609042 0.028679141  
## 97 -0.11600375 -0.123203360  
## 98 -0.11953962 -0.106352590  
## 99 -0.18547810 -0.084559392  
## 100 -0.15457071 0.033447782  
## 101 -0.30488220 -0.239892600  
## 102 -0.05587072 -0.008854814  
## 103 -0.02934147 0.052345055  
## 104 -0.02184824 0.001976708  
## 105 -0.06938375 -0.003345657  
## 106 -0.22728925 -0.175929980  
## 107 -0.15557509 -0.119671460  
## 108 -0.11642689 -0.072287057  
## 109 -0.18988930 -0.098893202  
## 110 -0.19893948 -0.085196953  
## 111 -0.13135164 -0.038057414  
## 112 -0.11242730 0.056542096  
## 113 -0.20312045 -0.112978820  
## 114 -0.17233329 -0.231786220  
## 115 -0.18169343 -0.147543700  
## 116 -0.10569655 -0.024123934  
## 117 -0.05673831 0.022634514  
## 118 -0.14323308 -0.010645574  
## 119 -0.29733105 -0.266803560  
## 120 -0.20182780 -0.099222763  
## 121 -0.17698376 -0.145214260  
## 122 -0.32466220 -0.235971880  
## 123 -0.26499261 -0.177842180  
## 124 -0.24234801 -0.165161140  
## 125 -0.20352685 -0.180120580  
## 126 -0.24919755 -0.171152750  
## 127 -0.25748397 -0.160606540  
## 128 -0.10043928 -0.089535465  
## 129 -0.05850164 -0.093536556  
## 130 -0.11387575 -0.038425350  
## 131 0.11662620 0.125143470  
## 132 0.18855262 0.225233150  
## 133 -0.08694342 0.061139935  
## 134 -0.07203612 0.084807388  
## 135 0.27824359 0.469525520  
## 136 0.09125675 0.055650859  
## 137 0.14919345 0.185436700  
## 138 0.03723697 0.094157701  
## 139 -0.04759826 0.069036390  
## 140 -0.09845751 0.021046762  
## 141 -0.10038422 -0.002078900  
## 142 -0.05058293 -0.067060478  
## 143 -0.34328250 -0.117498860  
## 144 -0.17235437 -0.073733630  
## 145 -0.02671943 0.024434537  
## 146 -0.10915177 -0.012998143  
## 147 -0.30736106 -0.166934790  
## 148 -0.35990221 -0.359520350  
## 149 -0.39251711 -0.328176270  
## 150 -0.28549435 -0.135230410  
## 151 -0.61971628 -0.511812120  
## 152 -0.66016737 -0.577733360  
## 153 -0.64662673 -0.537479710  
## 154 -0.59937305 -0.475928010  
## 155 -0.50238983 -0.411850610  
## 156 -0.49859805 -0.418150420  
## 157 -0.52351721 -0.479190190  
## 158 -0.49696366 -0.400772070  
## 159 -0.57356928 -0.481425540  
## 160 -0.59802456 -0.526202420  
## 161 -0.52685808 -0.426180190  
## 162 -0.58657257 -0.499075470  
## 163 -0.61130084 -0.523640950  
## 164 -0.53201120 -0.422916110  
## 165 -0.57627111 -0.481918130  
## 166 -0.73395306 -0.654645080  
## 167 -0.72379208 -0.643617300  
## 168 -0.61648154 -0.557282430  
## 169 -0.44235177 -0.372182520  
## 170 -0.48524201 -0.396427420  
## 171 -0.57001838 -0.507990420  
## 172 -0.58892297 -0.481458590  
## 173 -0.54360053 -0.444381880  
## 174 -0.54208449 -0.439477300  
## 175 -0.53487548 -0.468648630  
## 176 -0.31659799 -0.168848440  
## 177 -0.98837036 -0.984338250  
## fBodyBodyAccJerkMag-max() fBodyBodyAccJerkMag-min()  
## 1 -0.993364720 -0.988175430  
## 2 -0.994488840 -0.989548820  
## 3 -0.993178830 -0.999889770  
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## 106 -0.321905190 0.44360145  
## 107 -0.210099750 0.43453109  
## 108 -0.139896470 0.48868615  
## 109 -0.185541910 0.49247380  
## 110 -0.340419560 0.44123831  
## 111 -0.223464580 0.39560538  
## 112 -0.078407955 0.51533546  
## 113 -0.140519350 0.42927695  
## 114 -0.369781340 0.38221230  
## 115 -0.448458840 0.30928178  
## 116 -0.273286100 0.42308903  
## 117 -0.354736740 0.49743901  
## 118 -0.044467147 0.54803343  
## 119 -0.384929640 0.42316559  
## 120 -0.253564340 0.38920769  
## 121 -0.326520380 0.34917181  
## 122 -0.439451770 0.38050881  
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## 124 -0.362521580 0.42625433  
## 125 -0.344689030 0.42360167  
## 126 -0.235734540 0.41459836  
## 127 -0.202347250 0.50992673  
## 128 -0.263515890 0.38612846  
## 129 -0.309603880 0.49973332  
## 130 -0.126556030 0.50883363  
## 131 0.064083035 0.54413907  
## 132 0.037676505 0.62955444  
## 133 -0.026724010 0.48531557  
## 134 -0.094096784 0.60203530  
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## 145 -0.265391420 0.50593781  
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## 160 -0.511411880 0.14442884  
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## 163 -0.547872540 0.14368407  
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## 167 -0.654950170 -0.10889129  
## 168 -0.544035520 0.11898470  
## 169 -0.458383010 0.30072570  
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## 171 -0.589866070 0.12799056  
## 172 -0.475349680 0.13097840  
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## 174 -0.455848810 0.27571219  
## 175 -0.543929970 0.10483880  
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## 4 1.0000000 0.6789213400  
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## 56 -0.7777778 0.2541574500  
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## 136 -0.9047619 0.0548360890  
## 137 -0.8730159 0.0823426050  
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## 9 -0.750485140 -0.929474370  
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## 3 -0.989254770 -0.98602772 -0.98427365  
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## 163 -0.40862462 -0.855659040 -0.464700370  
## 164 -0.32911740 -0.874639240 -0.400642080  
## 165 -0.25931653 -0.927558620 -0.474733150  
## 166 -0.30461895 -0.622101390 -0.454618950  
## 167 -0.21596983 -0.774301110 -0.427814590  
## 168 -0.24598581 -0.746604200 -0.461294680  
## 169 -0.06869157 -0.931876600 -0.393807690  
## 170 -0.17728536 -0.702073840 -0.181730740  
## 171 -0.10050819 -0.719239550 -0.265300290  
## 172 -0.48555441 -0.839258730 -0.453705340  
## 173 -0.45938950 -0.817897710 -0.357746830  
## 174 -0.48546717 -0.922033790 -0.361925180  
## 175 -0.38052404 -0.928537430 -0.498239330  
## 176 -0.37038596 -0.886942780 -0.497184550  
## 177 -0.86106041 -0.965485920 -0.923649730  
## fBodyBodyGyroMag-energy() fBodyBodyGyroMag-iqr() fBodyBodyGyroMag-entropy()  
## 1 -0.9992403 -9.926555e-01 -0.70129141  
## 2 -0.9998112 -9.939785e-01 -0.72068300  
## 3 -0.9998539 -9.932383e-01 -0.73652148  
## 4 -0.9998756 -9.891355e-01 -0.72089079  
## 5 -0.9999018 -9.893211e-01 -0.76337215  
## 6 -0.9998606 -9.919667e-01 -0.76857669  
## 7 -0.9998280 -9.890402e-01 -0.73563944  
## 8 -0.9998673 -9.900350e-01 -0.73563944  
## 9 -0.9999268 -9.914284e-01 -0.85031043  
## 10 -0.9997363 -9.819689e-01 -0.67136577  
## 11 -0.9997359 -9.807114e-01 -0.64063330  
## 12 -0.9999751 -9.972278e-01 -0.89669536  
## 13 -0.9999874 -9.968187e-01 -0.95605675  
## 14 -0.9999931 -9.964571e-01 -1.00000000  
## 15 -0.9927112 -9.561298e-01 -0.38735863  
## 16 -0.9967816 -9.827764e-01 -0.50587034  
## 17 -0.9997727 -9.911647e-01 -0.72940807  
## 18 -0.9998962 -9.931732e-01 -0.82896585  
## 19 -0.9999598 -9.954067e-01 -0.87235403  
## 20 -0.9999723 -9.972637e-01 -0.95605675  
## 21 -0.9999960 -9.992980e-01 -1.00000000  
## 22 -0.9999932 -9.983035e-01 -1.00000000  
## 23 -0.9999907 -9.950493e-01 -1.00000000  
## 24 -0.9999894 -9.977373e-01 -0.95605675  
## 25 -0.9999872 -9.961026e-01 -1.00000000  
## 26 -0.9999792 -9.962035e-01 -0.92407535  
## 27 -0.9999763 -9.962337e-01 -0.95605675  
## 28 -0.9994380 -9.629166e-01 -0.54048931  
## 29 -0.9987207 -9.807381e-01 -0.55879632  
## 30 -0.9987915 -9.884241e-01 -0.59372493  
## 31 -0.7329466 -7.602135e-01 0.12049670  
## 32 -0.7917769 -7.041354e-01 0.20283679  
## 33 -0.9814633 -9.488295e-01 -0.29636694  
## 34 -0.9993450 -9.746884e-01 -0.54048931  
## 35 -0.9996032 -9.923166e-01 -0.74408588  
## 36 -0.9998681 -9.957341e-01 -0.85316499  
## 37 -0.9999587 -9.952531e-01 -0.87235403  
## 38 -0.9999802 -9.973850e-01 -0.95605675  
## 39 -0.9861206 -9.493254e-01 -0.45884973  
## 40 -0.9845983 -9.418111e-01 -0.38882895  
## 41 -0.9938520 -9.714675e-01 -0.32437270  
## 42 -0.9996430 -9.913491e-01 -0.74408588  
## 43 -0.9998566 -9.969765e-01 -0.82896585  
## 44 -0.9999050 -9.950771e-01 -0.88040512  
## 45 -0.9999184 -9.936338e-01 -0.85316499  
## 46 -0.9999671 -9.951843e-01 -0.95605675  
## 47 -0.9999651 -9.970236e-01 -0.87235403  
## 48 -0.9999817 -9.960423e-01 -0.95605675  
## 49 -0.9999806 -9.954250e-01 -0.95605675  
## 50 -0.9999746 -9.959586e-01 -0.92407535  
## 51 -0.9999636 -9.929242e-01 -0.89669536  
## 52 -0.9816599 -9.384076e-01 -0.25550515  
## 53 -0.9945197 -9.717323e-01 -0.31183209  
## 54 -0.9995388 -9.888417e-01 -0.74408588  
## 55 -0.9999514 -9.939748e-01 -0.92407535  
## 56 -0.9999651 -9.969614e-01 -0.89669536  
## 57 -0.9999795 -9.964805e-01 -0.95605675  
## 58 -0.9999604 -9.962070e-01 -0.89669536  
## 59 -0.9999895 -9.972823e-01 -1.00000000  
## 60 -0.9999912 -9.975532e-01 -1.00000000  
## 61 -0.9999937 -9.967453e-01 -1.00000000  
## 62 -0.9999962 -9.988149e-01 -1.00000000  
## 63 -0.9999910 -9.984837e-01 -1.00000000  
## 64 -0.9999861 -9.974178e-01 -0.95605675  
## 65 -0.9792330 -9.347239e-01 -0.19015287  
## 66 -0.9874184 -9.503399e-01 -0.20706669  
## 67 -0.6868963 -5.104779e-01 0.28658244  
## 68 -0.7076709 -4.262176e-01 0.31821140  
## 69 -0.9702922 -7.842055e-01 -0.03164523  
## 70 -0.8404004 -7.210631e-01 0.29621198  
## 71 -0.1876670 -3.807863e-01 0.44082134  
## 72 -0.2065881 -2.245526e-01 0.55555542  
## 73 -0.9595394 -8.245920e-01 0.08199943  
## 74 -0.9953694 -9.643683e-01 -0.45880691  
## 75 -0.9959528 -9.662586e-01 -0.34913753  
## 76 -0.9978850 -9.839517e-01 -0.52419907  
## 77 -0.9997383 -9.918476e-01 -0.75445221  
## 78 -0.9999574 -9.976216e-01 -0.89669536  
## 79 -0.6523037 -4.316143e-01 0.61789992  
## 80 -0.6910795 -3.093163e-01 0.58298687  
## 81 -0.7469317 -4.763219e-01 0.64320440  
## 82 -0.5843539 2.942702e-02 0.76867854  
## 83 -0.5418318 -5.771304e-02 0.79969401  
## 84 -0.6513929 -3.060780e-01 0.64305165  
## 85 -0.7215857 -4.268052e-01 0.67696593  
## 86 -0.7163951 -3.480180e-01 0.72730696  
## 87 -0.7003159 -2.233438e-01 0.64346088  
## 88 -0.7195335 -4.614414e-01 0.58598036  
## 89 -0.7422954 -5.625138e-01 0.57489721  
## 90 -0.7203700 -3.243305e-01 0.62376792  
## 91 -0.6842237 -2.936323e-01 0.59044417  
## 92 -0.6530464 -4.653036e-01 0.68761130  
## 93 -0.7279517 -4.830762e-01 0.68505559  
## 94 -0.6897093 -2.254226e-01 0.66502859  
## 95 -0.6049414 -2.940712e-01 0.69110063  
## 96 -0.6154594 -8.645789e-02 0.78943259  
## 97 -0.5928391 -1.700329e-01 0.72524612  
## 98 -0.6307508 -3.333354e-01 0.66817483  
## 99 -0.7255569 -8.161373e-02 0.71803625  
## 100 -0.7061268 -3.067846e-01 0.67612797  
## 101 -0.7014149 -2.902085e-01 0.67725520  
## 102 -0.6267658 -4.426335e-01 0.67755645  
## 103 -0.6064936 -4.596257e-01 0.67288607  
## 104 -0.6032339 -1.335996e-01 0.70449207  
## 105 -0.6635677 -3.067739e-01 0.68604630  
## 106 -0.7110636 -4.171654e-01 0.61880827  
## 107 -0.6624499 -1.916128e-01 0.68761130  
## 108 -0.6747182 -3.047071e-01 0.66454897  
## 109 -0.6820696 -1.697703e-01 0.62617089  
## 110 -0.6368440 -2.462671e-01 0.75444915  
## 111 -0.6357745 -1.024230e-01 0.73535479  
## 112 -0.5510862 -3.877473e-01 0.63461987  
## 113 -0.6568348 -5.177133e-01 0.62460588  
## 114 -0.6876621 -3.801981e-01 0.64570302  
## 115 -0.6592424 -1.870532e-01 0.73668859  
## 116 -0.6352176 -1.666335e-01 0.71391553  
## 117 -0.6903155 -4.278826e-01 0.66803831  
## 118 -0.7577623 -4.306422e-01 0.58926312  
## 119 -0.7244312 -4.195732e-01 0.61106170  
## 120 -0.6777415 -1.959167e-01 0.64884926  
## 121 -0.6876102 -2.452545e-01 0.70508259  
## 122 -0.6998591 -2.185385e-01 0.68736387  
## 123 -0.7371306 -2.745954e-01 0.66611398  
## 124 -0.6817078 -4.239363e-01 0.65419287  
## 125 -0.6038289 -9.848573e-02 0.70895588  
## 126 -0.8507665 -5.187299e-01 0.62014207  
## 127 -0.7423162 -4.149593e-01 0.65256980  
## 128 -0.5368246 -3.091968e-01 0.75120725  
## 129 -0.6316600 -3.449501e-01 0.62229760  
## 130 -0.8129070 -3.535498e-01 0.55427968  
## 131 -0.6461105 -2.433061e-01 0.67965816  
## 132 -0.6922088 -3.864133e-01 0.74948950  
## 133 -0.8426574 -4.813889e-01 0.56595336  
## 134 -0.8130663 -4.055755e-01 0.66586655  
## 135 -0.5997828 -4.467372e-01 0.68638939  
## 136 -0.6636269 -2.311268e-01 0.77255183  
## 137 -0.4258510 -1.509006e-01 0.80341455  
## 138 -0.4222949 -7.524749e-02 0.85964788  
## 139 -0.5218859 2.584028e-05 0.85592734  
## 140 -0.4586734 -2.628713e-01 0.68976683  
## 141 -0.6737906 -7.108737e-02 0.69943773  
## 142 -0.8061647 -2.592263e-01 0.62279344  
## 143 -0.7265504 -2.159496e-01 0.67481040  
## 144 -0.6890869 -3.290286e-01 0.74659069  
## 145 -0.4487405 -4.434785e-01 0.62809521  
## 146 -0.4807353 -2.618734e-01 0.71028968  
## 147 -0.6486456 -1.620762e-01 0.68483245  
## 148 -0.6750309 -1.934792e-01 0.73781582  
## 149 -0.8096770 -3.971834e-01 0.59805422  
## 150 -0.8244474 -2.572261e-01 0.59386311  
## 151 -0.6461228 -1.264808e-01 0.59299988  
## 152 -0.6651437 -2.445688e-01 0.62280151  
## 153 -0.3919144 -4.401760e-01 0.57052808  
## 154 -0.4897197 -3.122500e-01 0.54787498  
## 155 -0.6896573 -1.854748e-01 0.57274975  
## 156 -0.6535791 -3.586781e-01 0.54146255  
## 157 -0.6443690 -2.474997e-01 0.65197927  
## 158 -0.6388787 -2.568949e-01 0.55415123  
## 159 -0.6785815 -3.925256e-01 0.61041735  
## 160 -0.6346819 -2.172142e-01 0.60144887  
## 161 -0.3949612 -1.709217e-01 0.53411616  
## 162 -0.4970651 -6.412615e-01 0.46413207  
## 163 -0.7917871 -4.477044e-01 0.50339198  
## 164 -0.7486744 -2.849468e-01 0.49720742  
## 165 -0.7695467 -4.678792e-01 0.49829378  
## 166 -0.7840737 -4.182070e-01 0.44078674  
## 167 -0.7236194 -3.614872e-01 0.46698904  
## 168 -0.7162147 -5.923213e-01 0.35824292  
## 169 -0.6707413 -2.129132e-01 0.58092603  
## 170 -0.3774355 -2.673922e-01 0.58045546  
## 171 -0.5037595 -4.236951e-01 0.44466999  
## 172 -0.7930938 -4.590748e-01 0.50638345  
## 173 -0.7485264 -3.325142e-01 0.49730308  
## 174 -0.7313425 -2.384414e-01 0.56633697  
## 175 -0.7902781 -4.330635e-01 0.46262716  
## 176 -0.7901962 -4.581144e-01 0.43463977  
## 177 -0.9926574 -9.558503e-01 -0.27851782  
## fBodyBodyGyroMag-maxInds fBodyBodyGyroMag-meanFreq()  
## 1 -1.0000000 -0.128988900  
## 2 -0.9487180 -0.271958460  
## 3 -0.7948718 -0.212727900  
## 4 -1.0000000 -0.035684195  
## 5 -0.8974359 -0.273582010  
## 6 -1.0000000 -0.297329060  
## 7 -1.0000000 -0.257032130  
## 8 -1.0000000 -0.197271520  
## 9 -1.0000000 0.073417207  
## 10 -1.0000000 -0.139966360  
## 11 -1.0000000 -0.047159012  
## 12 -0.9487180 0.098996469  
## 13 -1.0000000 0.156655840  
## 14 -0.9487180 0.325339050  
## 15 -1.0000000 -0.173335390  
## 16 -1.0000000 -0.360926710  
## 17 -0.9487180 -0.098182183  
## 18 -1.0000000 -0.176980010  
## 19 -0.6923077 -0.108585250  
## 20 -1.0000000 -0.056741167  
## 21 -0.8974359 0.480056330  
## 22 -0.9487180 0.345175480  
## 23 -1.0000000 0.251222440  
## 24 -1.0000000 0.353436660  
## 25 -0.9487180 0.310761930  
## 26 -0.5384615 0.169752430  
## 27 -0.9487180 0.201730510  
## 28 -1.0000000 -0.267608210  
## 29 -1.0000000 -0.256812190  
## 30 -1.0000000 -0.199227050  
## 31 -1.0000000 -0.618203520  
## 32 -1.0000000 -0.721767650  
## 33 -1.0000000 -0.108759280  
## 34 -1.0000000 0.152693070  
## 35 -1.0000000 -0.229857230  
## 36 -1.0000000 -0.070297819  
## 37 -1.0000000 0.249913900  
## 38 -0.8974359 0.538695120  
## 39 -1.0000000 -0.221438220  
## 40 -1.0000000 -0.189562790  
## 41 -1.0000000 -0.230031170  
## 42 -1.0000000 -0.298283610  
## 43 -1.0000000 -0.212746820  
## 44 -1.0000000 -0.231234930  
## 45 -1.0000000 -0.001229121  
## 46 -1.0000000 0.187595440  
## 47 -1.0000000 0.063502947  
## 48 -0.8974359 0.210691550  
## 49 -0.7435897 0.269142560  
## 50 -0.8974359 0.267520820  
## 51 -0.9487180 0.234871860  
## 52 -1.0000000 -0.279994740  
## 53 -1.0000000 -0.246751490  
## 54 -1.0000000 -0.251624700  
## 55 -1.0000000 -0.103349820  
## 56 -1.0000000 0.077716295  
## 57 -0.9487180 0.099895475  
## 58 -1.0000000 -0.024256720  
## 59 -0.9487180 0.195474530  
## 60 -0.9487180 0.231484370  
## 61 -0.5897436 0.300566370  
## 62 -0.3333333 0.504592040  
## 63 -1.0000000 0.320741970  
## 64 -1.0000000 0.191896550  
## 65 -0.9487180 -0.610467000  
## 66 -1.0000000 -0.375909580  
## 67 -1.0000000 -0.654503730  
## 68 -0.8974359 -0.653149860  
## 69 -1.0000000 -0.204908310  
## 70 -1.0000000 0.311882730  
## 71 -1.0000000 -0.566465630  
## 72 -0.9487180 -0.192329460  
## 73 -0.9487180 -0.107221210  
## 74 -1.0000000 -0.452778100  
## 75 -1.0000000 -0.222909120  
## 76 -1.0000000 -0.195136530  
## 77 -1.0000000 -0.175910430  
## 78 -0.9487180 0.038252729  
## 79 -0.8461538 -0.000469865  
## 80 -0.7948718 0.130224380  
## 81 -0.7948718 0.200414800  
## 82 -0.7948718 0.327632380  
## 83 -0.7948718 0.348634260  
## 84 -0.7948718 0.418139140  
## 85 -0.7948718 0.250392290  
## 86 -0.7948718 0.298801920  
## 87 -0.8461538 -0.038943067  
## 88 -0.7948718 0.251326520  
## 89 -0.7948718 0.346634220  
## 90 -0.7948718 0.387464290  
## 91 -0.7948718 0.455989690  
## 92 -0.7948718 0.436834330  
## 93 -0.7948718 0.332127810  
## 94 -0.7948718 0.271447680  
## 95 -0.7948718 0.210188690  
## 96 -0.7948718 0.321338670  
## 97 -0.8461538 0.286484500  
## 98 -0.8461538 0.262279310  
## 99 -0.7948718 0.230826250  
## 100 -0.7948718 0.197513700  
## 101 -0.7948718 0.376813250  
## 102 -0.7948718 0.659177900  
## 103 -0.7948718 0.517423770  
## 104 -0.7948718 0.298029870  
## 105 -0.7948718 0.404369540  
## 106 -0.7948718 0.255028960  
## 107 -0.7948718 0.309107990  
## 108 -0.7948718 0.270651020  
## 109 -0.7948718 0.198926510  
## 110 -0.8461538 0.252350700  
## 111 -0.8461538 0.151358900  
## 112 -0.8974359 0.125392880  
## 113 -0.7948718 0.211098030  
## 114 -0.7948718 0.305295110  
## 115 -0.7948718 0.270595880  
## 116 -0.7948718 0.346304250  
## 117 -0.7948718 0.234325930  
## 118 -0.7948718 0.260726830  
## 119 -0.8461538 0.206035780  
## 120 -0.7948718 0.105982670  
## 121 -0.8461538 0.068076754  
## 122 -0.8461538 0.239070470  
## 123 -0.8461538 0.151208090  
## 124 -0.7948718 0.278277930  
## 125 -0.8461538 0.179257590  
## 126 -0.7435897 0.423361830  
## 127 -0.3846154 0.586562220  
## 128 -1.0000000 0.326974420  
## 129 -1.0000000 0.111024640  
## 130 -0.7435897 0.248612470  
## 131 -1.0000000 0.200919150  
## 132 -1.0000000 0.285814160  
## 133 -0.3846154 0.402616670  
## 134 -0.3846154 0.502321950  
## 135 -0.3846154 0.526174240  
## 136 -0.2820513 0.451618680  
## 137 -1.0000000 0.273737150  
## 138 -1.0000000 0.170782420  
## 139 -1.0000000 0.398700940  
## 140 -0.9487180 0.137628420  
## 141 -0.6923077 0.349111670  
## 142 -0.3333333 0.216014720  
## 143 -0.3333333 0.146562890  
## 144 -0.2820513 0.210788730  
## 145 -1.0000000 0.135289950  
## 146 -0.9487180 0.246278320  
## 147 -1.0000000 0.132367420  
## 148 -0.8461538 -0.010212182  
## 149 -0.3846154 0.292581490  
## 150 -0.3846154 0.056476776  
## 151 -0.8461538 -0.212149580  
## 152 -0.8461538 -0.115400930  
## 153 -1.0000000 -0.452526840  
## 154 -1.0000000 -0.253701570  
## 155 -0.8461538 -0.133963280  
## 156 -0.8461538 0.058707483  
## 157 -0.8461538 -0.177572500  
## 158 -0.8461538 -0.129272500  
## 159 -0.8461538 -0.135138740  
## 160 -0.8461538 -0.190654100  
## 161 -0.8461538 -0.490413660  
## 162 -1.0000000 -0.387842760  
## 163 -0.8461538 -0.204968450  
## 164 -0.8461538 -0.132426040  
## 165 -0.8461538 -0.183550660  
## 166 -0.8461538 0.033127126  
## 167 -0.8461538 -0.209194200  
## 168 -0.8461538 -0.300047110  
## 169 -0.8461538 -0.262182910  
## 170 -1.0000000 -0.400065190  
## 171 -1.0000000 -0.275837560  
## 172 -0.8461538 -0.173113040  
## 173 -0.8461538 -0.132903980  
## 174 -0.8461538 -0.283733900  
## 175 -0.8461538 -0.283047820  
## 176 -0.8461538 -0.291036550  
## 177 -1.0000000 -0.336738340  
## fBodyBodyGyroMag-skewness() fBodyBodyGyroMag-kurtosis()  
## 1 0.586156430 0.374604620  
## 2 -0.336310410 -0.720015080  
## 3 -0.535352080 -0.871914140  
## 4 -0.230090900 -0.511216950  
## 5 -0.510281850 -0.830701770  
## 6 -0.346044540 -0.727270490  
## 7 -0.321590840 -0.658435210  
## 8 -0.407284300 -0.733313370  
## 9 -0.371388800 -0.674769740  
## 10 0.106785040 -0.131360290  
## 11 0.007872171 -0.283559950  
## 12 -0.284076810 -0.624663890  
## 13 -0.391155110 -0.674003690  
## 14 -0.759329890 -0.942476200  
## 15 0.076217194 -0.303778220  
## 16 0.557766740 0.335414040  
## 17 -0.145410510 -0.560772860  
## 18 0.162066130 -0.095406438  
## 19 -0.410711940 -0.762764880  
## 20 0.207013510 -0.023061747  
## 21 -0.628405660 -0.853398900  
## 22 -0.706175280 -0.917827470  
## 23 -0.681138410 -0.875573210  
## 24 -0.362797940 -0.665224830  
## 25 -0.757406290 -0.944406370  
## 26 -0.477322780 -0.800641670  
## 27 -0.201241330 -0.492436820  
## 28 -0.533023140 -0.828530150  
## 29 0.434330490 0.169223500  
## 30 0.324371120 0.009439168  
## 31 0.437668450 0.169706170  
## 32 0.410936290 0.161880280  
## 33 0.017846477 -0.422483780  
## 34 0.009003776 -0.291796040  
## 35 0.435375170 0.195818710  
## 36 0.120527360 -0.267596650  
## 37 -0.427782620 -0.745822670  
## 38 -0.634218450 -0.852381000  
## 39 0.439169730 0.176630840  
## 40 0.345574970 0.043375653  
## 41 0.478519320 0.224553410  
## 42 0.394319560 0.144579340  
## 43 0.205466800 -0.137301900  
## 44 0.617944550 0.475066250  
## 45 -0.044097021 -0.385403810  
## 46 0.019224137 -0.242046160  
## 47 -0.198679660 -0.584182130  
## 48 -0.597560740 -0.875848260  
## 49 -0.605603100 -0.852242220  
## 50 -0.464400070 -0.763836390  
## 51 -0.664081050 -0.911990770  
## 52 0.307262000 0.008909053  
## 53 0.370997280 0.077533354  
## 54 0.620868780 0.453887530  
## 55 0.235849840 -0.010924559  
## 56 -0.085214216 -0.513365340  
## 57 -0.447229460 -0.756583750  
## 58 0.043181648 -0.291360250  
## 59 -0.665860440 -0.894125590  
## 60 -0.675813990 -0.899761020  
## 61 -0.773069470 -0.931703180  
## 62 -0.723050350 -0.926233940  
## 63 -0.602773780 -0.875093210  
## 64 -0.279122230 -0.607458690  
## 65 -0.164121170 -0.617588700  
## 66 0.336923720 0.029954210  
## 67 -0.281081010 -0.668047000  
## 68 -0.343494430 -0.725220850  
## 69 -0.152650190 -0.520394420  
## 70 -0.037418204 -0.433803130  
## 71 -0.324511600 -0.726222780  
## 72 -0.399052820 -0.741798110  
## 73 -0.162395140 -0.584023540  
## 74 0.456979030 0.140754840  
## 75 0.388152880 0.120166270  
## 76 0.735855200 0.600799940  
## 77 -0.075735290 -0.494904380  
## 78 -0.305053810 -0.686018590  
## 79 -0.461129690 -0.816100760  
## 80 -0.243454770 -0.624929310  
## 81 -0.189093110 -0.500953340  
## 82 -0.245198520 -0.470641330  
## 83 -0.403038370 -0.669193410  
## 84 0.107001600 -0.127340650  
## 85 -0.170142150 -0.507271300  
## 86 -0.303159330 -0.638120670  
## 87 -0.344111480 -0.674228880  
## 88 -0.023811861 -0.432809270  
## 89 0.158416600 -0.154937440  
## 90 0.248054560 0.057317095  
## 91 0.271928960 0.075948964  
## 92 0.412583160 0.247680020  
## 93 -0.042099894 -0.300286530  
## 94 -0.206517500 -0.496768280  
## 95 -0.255902300 -0.548014370  
## 96 -0.257782380 -0.525025200  
## 97 -0.317320220 -0.608043600  
## 98 -0.359489340 -0.649950930  
## 99 -0.583248180 -0.836620170  
## 100 0.100794550 -0.122802190  
## 101 0.090537620 -0.107234520  
## 102 0.252334350 0.051393941  
## 103 0.046310758 -0.202201380  
## 104 -0.188408070 -0.473868160  
## 105 -0.404643380 -0.713606540  
## 106 0.037454966 -0.209217060  
## 107 -0.105835940 -0.365895060  
## 108 -0.048004413 -0.316468880  
## 109 -0.154089010 -0.434699950  
## 110 -0.465703820 -0.754824400  
## 111 -0.497028450 -0.785351150  
## 112 -0.395778420 -0.773420190  
## 113 -0.144712840 -0.478410250  
## 114 0.226689020 0.009265417  
## 115 -0.229293890 -0.496136750  
## 116 -0.107075130 -0.371076030  
## 117 -0.278200970 -0.621699350  
## 118 -0.255855090 -0.592703970  
## 119 -0.314465100 -0.667312690  
## 120 -0.417604770 -0.720532650  
## 121 -0.150089770 -0.435253480  
## 122 -0.300130490 -0.630815890  
## 123 -0.382296760 -0.685930770  
## 124 -0.311244570 -0.632478370  
## 125 -0.421903510 -0.727391010  
## 126 -0.524480460 -0.779120060  
## 127 -0.580414480 -0.839593070  
## 128 -0.149341960 -0.432850330  
## 129 -0.382546770 -0.727987290  
## 130 -0.595649990 -0.868493100  
## 131 -0.380883080 -0.698538780  
## 132 -0.466910460 -0.758986190  
## 133 -0.655097970 -0.887117310  
## 134 -0.372114430 -0.663846300  
## 135 -0.444570760 -0.764318030  
## 136 -0.514188600 -0.795963810  
## 137 -0.377958240 -0.709846550  
## 138 -0.484208450 -0.797660050  
## 139 -0.725689740 -0.930992290  
## 140 -0.438781190 -0.755022050  
## 141 -0.691307450 -0.908207980  
## 142 -0.691864860 -0.909706410  
## 143 -0.457571010 -0.731197000  
## 144 -0.606760230 -0.875743060  
## 145 -0.158092200 -0.526894170  
## 146 -0.476837770 -0.797899470  
## 147 -0.598759330 -0.874669410  
## 148 -0.606109100 -0.888485900  
## 149 -0.568230960 -0.829612160  
## 150 -0.753012940 -0.942564920  
## 151 -0.296138250 -0.571495090  
## 152 -0.076834355 -0.358283050  
## 153 -0.198072600 -0.631407890  
## 154 -0.304636430 -0.704233550  
## 155 -0.166660770 -0.466616430  
## 156 -0.263364350 -0.626837640  
## 157 -0.294188070 -0.632271370  
## 158 -0.068153259 -0.393509330  
## 159 -0.044562799 -0.354483480  
## 160 0.035211763 -0.223861500  
## 161 -0.255990800 -0.680825990  
## 162 -0.106048420 -0.531296280  
## 163 -0.240160670 -0.544478570  
## 164 -0.129345280 -0.434742530  
## 165 0.142489360 -0.100359830  
## 166 0.163737210 -0.109983300  
## 167 0.058550945 -0.224157770  
## 168 -0.024945733 -0.384468140  
## 169 0.282118350 0.080741088  
## 170 -0.212435070 -0.650486670  
## 171 -0.085902875 -0.505572840  
## 172 -0.288723090 -0.652145120  
## 173 -0.433829760 -0.745697500  
## 174 -0.497915890 -0.813582880  
## 175 -0.119067030 -0.454845130  
## 176 -0.126935100 -0.446320090  
## 177 0.339825470 0.039313473  
## fBodyBodyGyroJerkMag-mean() fBodyBodyGyroJerkMag-std()  
## 1 -0.991990440 -0.99069746  
## 2 -0.995853860 -0.99639947  
## 3 -0.995030500 -0.99512739  
## 4 -0.995220710 -0.99523693  
## 5 -0.995092780 -0.99546483  
## 6 -0.995143310 -0.99523870  
## 7 -0.995641480 -0.99463909  
## 8 -0.995629120 -0.99450684  
## 9 -0.995260370 -0.99600721  
## 10 -0.990981210 -0.99059941  
## 11 -0.991314280 -0.98929750  
## 12 -0.997652250 -0.99787507  
## 13 -0.999046710 -0.99905917  
## 14 -0.999028000 -0.99905443  
## 15 -0.990241940 -0.98927719  
## 16 -0.997604000 -0.99883527  
## 17 -0.997332450 -0.99846040  
## 18 -0.997592650 -0.99761851  
## 19 -0.998504830 -0.99819704  
## 20 -0.999572440 -0.99956029  
## 21 -0.999046760 -0.99915254  
## 22 -0.998424150 -0.99888625  
## 23 -0.998965660 -0.99854020  
## 24 -0.998726460 -0.99902310  
## 25 -0.998736150 -0.99886745  
## 26 -0.998384630 -0.99900752  
## 27 -0.997969270 -0.99865929  
## 28 -0.983317240 -0.97721350  
## 29 -0.998589760 -0.99876688  
## 30 -0.998973150 -0.99932551  
## 31 -0.870864370 -0.80216905  
## 32 -0.872383570 -0.83747045  
## 33 -0.947617610 -0.94961434  
## 34 -0.989565570 -0.98918242  
## 35 -0.995805800 -0.99546410  
## 36 -0.996085020 -0.99554573  
## 37 -0.996031740 -0.99580097  
## 38 -0.995969140 -0.99636766  
## 39 -0.993638200 -0.99346944  
## 40 -0.995618120 -0.99556750  
## 41 -0.996659150 -0.99642101  
## 42 -0.995894820 -0.99565892  
## 43 -0.996757250 -0.99725922  
## 44 -0.998401250 -0.99822553  
## 45 -0.997642810 -0.99717794  
## 46 -0.997074670 -0.99708205  
## 47 -0.998110990 -0.99784862  
## 48 -0.998235290 -0.99796309  
## 49 -0.997960480 -0.99767112  
## 50 -0.997652870 -0.99754752  
## 51 -0.997302130 -0.99594383  
## 52 -0.952483800 -0.93054398  
## 53 -0.998537160 -0.99855628  
## 54 -0.998332200 -0.99834175  
## 55 -0.998544840 -0.99869335  
## 56 -0.998850630 -0.99936052  
## 57 -0.999116860 -0.99894755  
## 58 -0.998590720 -0.99870387  
## 59 -0.998711860 -0.99833283  
## 60 -0.999299340 -0.99909877  
## 61 -0.999027580 -0.99928455  
## 62 -0.998599620 -0.99845846  
## 63 -0.998488690 -0.99853391  
## 64 -0.998704110 -0.99840436  
## 65 -0.931882470 -0.90994766  
## 66 -0.987550820 -0.98726320  
## 67 -0.766726150 -0.64139664  
## 68 -0.761960650 -0.68522496  
## 69 -0.934034940 -0.92066111  
## 70 -0.733013660 -0.75641948  
## 71 -0.608227810 -0.49217599  
## 72 -0.612610810 -0.49043707  
## 73 -0.913041490 -0.89052661  
## 74 -0.985250630 -0.98519500  
## 75 -0.986909550 -0.98187267  
## 76 -0.996916030 -0.99648845  
## 77 -0.996444440 -0.99705279  
## 78 -0.996650540 -0.99695369  
## 79 -0.431831650 -0.47637007  
## 80 -0.428185870 -0.49288443  
## 81 -0.401038320 -0.48192421  
## 82 -0.217668850 -0.29922633  
## 83 -0.187550950 -0.30033796  
## 84 -0.338358810 -0.46501488  
## 85 -0.397191100 -0.50292913  
## 86 -0.353548820 -0.43963334  
## 87 -0.472893240 -0.48842516  
## 88 -0.449340500 -0.45131020  
## 89 -0.462446520 -0.51696700  
## 90 -0.417613450 -0.46060184  
## 91 -0.378519930 -0.37255783  
## 92 -0.289650590 -0.33084143  
## 93 -0.341366340 -0.39315099  
## 94 -0.349592320 -0.40042849  
## 95 -0.301635720 -0.32515791  
## 96 -0.233780970 -0.32888667  
## 97 -0.140438620 -0.32881358  
## 98 -0.276440410 -0.39035666  
## 99 -0.355065760 -0.47367033  
## 100 -0.447162630 -0.48223636  
## 101 -0.297182200 -0.37921508  
## 102 -0.147249140 -0.14526252  
## 103 -0.172883860 -0.20925775  
## 104 -0.206791720 -0.37097505  
## 105 -0.257236080 -0.39936344  
## 106 -0.396696540 -0.49782738  
## 107 -0.334348070 -0.41546378  
## 108 -0.369812630 -0.40259904  
## 109 -0.352441740 -0.43098331  
## 110 -0.263500240 -0.42342258  
## 111 -0.271497260 -0.43771207  
## 112 -0.286815950 -0.36801892  
## 113 -0.427123680 -0.44092133  
## 114 -0.378141930 -0.40271978  
## 115 -0.340106680 -0.42102192  
## 116 -0.360219120 -0.35212350  
## 117 -0.357101690 -0.40498368  
## 118 -0.412318470 -0.49888911  
## 119 -0.386655110 -0.48364219  
## 120 -0.412701360 -0.43768385  
## 121 -0.435859020 -0.47170007  
## 122 -0.359960550 -0.49777513  
## 123 -0.387248420 -0.56088837  
## 124 -0.463667240 -0.54236514  
## 125 -0.332809800 -0.39731236  
## 126 -0.460038110 -0.53467792  
## 127 -0.195953750 -0.31756213  
## 128 -0.128814290 -0.15087110  
## 129 -0.330651300 -0.41445103  
## 130 -0.478175540 -0.62720248  
## 131 -0.305680850 -0.32229578  
## 132 -0.267769620 -0.24068848  
## 133 -0.408175480 -0.50842111  
## 134 -0.380106820 -0.41146393  
## 135 -0.045316739 -0.08997891  
## 136 -0.131445830 -0.29666575  
## 137 -0.004970723 -0.24911928  
## 138 -0.136903000 -0.20306158  
## 139 -0.133857360 -0.17244728  
## 140 -0.170594090 -0.24950130  
## 141 -0.325291530 -0.51669880  
## 142 -0.378854500 -0.57034479  
## 143 -0.401168410 -0.61002030  
## 144 -0.367593520 -0.51105052  
## 145 -0.192777220 -0.34055324  
## 146 -0.151834630 -0.23107572  
## 147 -0.300874350 -0.40326244  
## 148 -0.378310740 -0.48349842  
## 149 -0.342707470 -0.51446856  
## 150 -0.506140560 -0.60864282  
## 151 -0.575114560 -0.59458090  
## 152 -0.619041020 -0.62284776  
## 153 -0.629260920 -0.69225517  
## 154 -0.594048890 -0.66266502  
## 155 -0.612151070 -0.60415752  
## 156 -0.627530610 -0.67521700  
## 157 -0.555289170 -0.61997247  
## 158 -0.567393010 -0.59840377  
## 159 -0.654670490 -0.74620984  
## 160 -0.652160170 -0.70376348  
## 161 -0.626461250 -0.67522747  
## 162 -0.639349620 -0.68974531  
## 163 -0.714461290 -0.76359517  
## 164 -0.655288880 -0.73871788  
## 165 -0.681059370 -0.79093633  
## 166 -0.730525580 -0.79381781  
## 167 -0.696018590 -0.75598105  
## 168 -0.729754500 -0.78358879  
## 169 -0.633442020 -0.66594927  
## 170 -0.608550020 -0.66821927  
## 171 -0.682104950 -0.74680377  
## 172 -0.673200220 -0.72566892  
## 173 -0.665204770 -0.72417457  
## 174 -0.652962360 -0.73939005  
## 175 -0.696755710 -0.72364799  
## 176 -0.690824540 -0.68135533  
## 177 -0.984665140 -0.98736090  
## fBodyBodyGyroJerkMag-mad() fBodyBodyGyroJerkMag-max()  
## 1 -0.989940840 -0.9924478  
## 2 -0.995442090 -0.9968660  
## 3 -0.994639570 -0.9960596  
## 4 -0.995722200 -0.9952731  
## 5 -0.995278660 -0.9956093  
## 6 -0.994397870 -0.9960880  
## 7 -0.994202190 -0.9944906  
## 8 -0.994727290 -0.9940182  
## 9 -0.995828480 -0.9954818  
## 10 -0.991665290 -0.9881993  
## 11 -0.991070150 -0.9872992  
## 12 -0.997537890 -0.9984228  
## 13 -0.999074360 -0.9991009  
## 14 -0.998987260 -0.9987670  
## 15 -0.990277590 -0.9874360  
## 16 -0.998514260 -0.9991914  
## 17 -0.998262590 -0.9990130  
## 18 -0.997620120 -0.9971885  
## 19 -0.998099100 -0.9985864  
## 20 -0.999513360 -0.9998248  
## 21 -0.998882190 -0.9995602  
## 22 -0.998514800 -0.9991018  
## 23 -0.998098960 -0.9987528  
## 24 -0.998662780 -0.9995703  
## 25 -0.998648250 -0.9992808  
## 26 -0.998705390 -0.9992119  
## 27 -0.998189140 -0.9990764  
## 28 -0.979634410 -0.9769933  
## 29 -0.998552020 -0.9990494  
## 30 -0.999281250 -0.9995148  
## 31 -0.842461170 -0.7659209  
## 32 -0.853738400 -0.8136828  
## 33 -0.948711020 -0.9432020  
## 34 -0.988716020 -0.9893900  
## 35 -0.994819970 -0.9968963  
## 36 -0.995185010 -0.9969412  
## 37 -0.995107760 -0.9969620  
## 38 -0.995715450 -0.9968154  
## 39 -0.992558730 -0.9951524  
## 40 -0.995006180 -0.9965661  
## 41 -0.995961750 -0.9976372  
## 42 -0.994942440 -0.9960887  
## 43 -0.996687530 -0.9976274  
## 44 -0.998330200 -0.9981729  
## 45 -0.997332490 -0.9975639  
## 46 -0.996382650 -0.9977261  
## 47 -0.997370140 -0.9984297  
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## 49 -0.997418340 -0.9975718  
## 50 -0.997427450 -0.9984201  
## 51 -0.995562750 -0.9973083  
## 52 -0.941187210 -0.9277066  
## 53 -0.998362530 -0.9991014  
## 54 -0.998218340 -0.9984038  
## 55 -0.998178570 -0.9994722  
## 56 -0.999239380 -0.9995474  
## 57 -0.998611080 -0.9996639  
## 58 -0.998505480 -0.9989831  
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## 61 -0.999130740 -0.9997593  
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## 64 -0.998068260 -0.9986838  
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## 66 -0.985929040 -0.9886452  
## 67 -0.626469180 -0.6308901  
## 68 -0.639822950 -0.7231345  
## 69 -0.917684630 -0.9169325  
## 70 -0.718594090 -0.7706939  
## 71 -0.473071200 -0.5050029  
## 72 -0.496699060 -0.5535897  
## 73 -0.899589900 -0.8849732  
## 74 -0.983354320 -0.9889369  
## 75 -0.983815580 -0.9836513  
## 76 -0.995990750 -0.9975481  
## 77 -0.996438810 -0.9979723  
## 78 -0.996206590 -0.9979601  
## 79 -0.386560930 -0.5458954  
## 80 -0.452924210 -0.5292179  
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## 82 -0.232848910 -0.3154129  
## 83 -0.294856650 -0.2434806  
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## 92 -0.277654460 -0.2959778  
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## 94 -0.333845700 -0.4597368  
## 95 -0.216251490 -0.3650619  
## 96 -0.249632630 -0.3083439  
## 97 -0.247937510 -0.3115409  
## 98 -0.308406620 -0.4029157  
## 99 -0.408031680 -0.4753910  
## 100 -0.437197880 -0.4650086  
## 101 -0.338875280 -0.3269472  
## 102 -0.148737430 -0.0292403  
## 103 -0.116113660 -0.2455750  
## 104 -0.304759850 -0.3622529  
## 105 -0.285924390 -0.4232388  
## 106 -0.409503930 -0.5205797  
## 107 -0.367338350 -0.4010482  
## 108 -0.378911790 -0.3480491  
## 109 -0.356243500 -0.4017016  
## 110 -0.371997580 -0.4812671  
## 111 -0.287996710 -0.5831427  
## 112 -0.303849340 -0.3558707  
## 113 -0.438628240 -0.3934435  
## 114 -0.356908550 -0.3798210  
## 115 -0.405363460 -0.3676766  
## 116 -0.342918720 -0.3823132  
## 117 -0.329515170 -0.4734979  
## 118 -0.432784890 -0.5395613  
## 119 -0.428622200 -0.5391799  
## 120 -0.371168230 -0.5350442  
## 121 -0.407950430 -0.4933928  
## 122 -0.405562550 -0.5888659  
## 123 -0.458769310 -0.5922118  
## 124 -0.412922340 -0.6351368  
## 125 -0.296413680 -0.4501088  
## 126 -0.476460690 -0.6187804  
## 127 -0.189299500 -0.4219820  
## 128 -0.018653714 -0.2958953  
## 129 -0.363669500 -0.4933067  
## 130 -0.533671990 -0.7375957  
## 131 -0.242956470 -0.4204195  
## 132 -0.144689820 -0.3818355  
## 133 -0.404499820 -0.6102961  
## 134 -0.345282930 -0.5142039  
## 135 -0.008074972 -0.2326886  
## 136 -0.192586120 -0.4404437  
## 137 -0.156714670 -0.3244686  
## 138 -0.097672410 -0.4166819  
## 139 -0.119103900 -0.3463461  
## 140 -0.199202520 -0.3926083  
## 141 -0.415579450 -0.6252966  
## 142 -0.482933220 -0.6799066  
## 143 -0.458285350 -0.7740701  
## 144 -0.418106570 -0.6047841  
## 145 -0.205604420 -0.4868442  
## 146 -0.147352250 -0.4191368  
## 147 -0.266547450 -0.5687618  
## 148 -0.355903140 -0.6412967  
## 149 -0.379997470 -0.6506970  
## 150 -0.497230200 -0.7398789  
## 151 -0.518294170 -0.6465854  
## 152 -0.590850610 -0.6699553  
## 153 -0.619077060 -0.7710533  
## 154 -0.583058560 -0.7374988  
## 155 -0.526842470 -0.7383398  
## 156 -0.590839300 -0.7324492  
## 157 -0.574268730 -0.6818159  
## 158 -0.539998160 -0.6153719  
## 159 -0.684961450 -0.8033699  
## 160 -0.671450160 -0.6975065  
## 161 -0.584059030 -0.7833509  
## 162 -0.652447350 -0.7517182  
## 163 -0.714203680 -0.7992430  
## 164 -0.697779010 -0.7875562  
## 165 -0.734983780 -0.8369588  
## 166 -0.761597780 -0.8158044  
## 167 -0.694645530 -0.8125949  
## 168 -0.731372670 -0.8345909  
## 169 -0.612059970 -0.7405541  
## 170 -0.638427620 -0.7237252  
## 171 -0.685747390 -0.8261538  
## 172 -0.651582960 -0.8244657  
## 173 -0.658381690 -0.8156095  
## 174 -0.655819560 -0.7782322  
## 175 -0.653539930 -0.8087402  
## 176 -0.646623020 -0.7630327  
## 177 -0.985670980 -0.9898835  
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## 2 -0.99443965 -0.995853860  
## 3 -0.99586627 -0.995030500  
## 4 -0.99573175 -0.995220710  
## 5 -0.99741797 -0.995092780  
## 6 -0.99851938 -0.995143310  
## 7 -0.99693400 -0.995641480  
## 8 -0.99700639 -0.995629120  
## 9 -0.99360770 -0.995260370  
## 10 -0.98487666 -0.990981210  
## 11 -0.98019716 -0.991314280  
## 12 -0.99394960 -0.997652250  
## 13 -0.99723427 -0.999046710  
## 14 -0.99464614 -0.999028000  
## 15 -0.99921381 -0.990241940  
## 16 -0.98932326 -0.997604000  
## 17 -0.99408869 -0.997332450  
## 18 -0.99656551 -0.997592650  
## 19 -0.99858868 -0.998504830  
## 20 -0.99811689 -0.999572440  
## 21 -0.99568164 -0.999046760  
## 22 -0.99473379 -0.998424150  
## 23 -0.99739921 -0.998965660  
## 24 -0.99711617 -0.998726460  
## 25 -0.99540335 -0.998736150  
## 26 -0.99198837 -0.998384630  
## 27 -0.99450398 -0.997969270  
## 28 -0.99576448 -0.983317240  
## 29 -0.99924561 -0.998589760  
## 30 -0.99608874 -0.998973150  
## 31 -0.92556114 -0.870864370  
## 32 -0.92417694 -0.872383570  
## 33 -0.98226831 -0.947617610  
## 34 -0.99013396 -0.989565570  
## 35 -0.99343692 -0.995805800  
## 36 -0.99019753 -0.996085020  
## 37 -0.99566137 -0.996031740  
## 38 -0.99155006 -0.995969140  
## 39 -0.99214964 -0.993638200  
## 40 -0.99622578 -0.995618120  
## 41 -0.99630116 -0.996659150  
## 42 -0.99288056 -0.995894820  
## 43 -0.99685033 -0.996757250  
## 44 -0.99785201 -0.998401250  
## 45 -0.99730607 -0.997642810  
## 46 -0.99384419 -0.997074670  
## 47 -0.99488412 -0.998110990  
## 48 -0.99832373 -0.998235290  
## 49 -0.99535004 -0.997960480  
## 50 -0.99659712 -0.997652870  
## 51 -0.99709372 -0.997302130  
## 52 -0.98641411 -0.952483800  
## 53 -0.99875023 -0.998537160  
## 54 -0.99784325 -0.998332200  
## 55 -0.99648329 -0.998544840  
## 56 -0.99660813 -0.998850630  
## 57 -0.99690582 -0.999116860  
## 58 -0.99643124 -0.998590720  
## 59 -0.99487524 -0.998711860  
## 60 -0.99888334 -0.999299340  
## 61 -0.99714013 -0.999027580  
## 62 -0.99644814 -0.998599620  
## 63 -0.99867688 -0.998488690  
## 64 -0.99862932 -0.998704110  
## 65 -0.98211932 -0.931882470  
## 66 -0.99841031 -0.987550820  
## 67 -0.93318728 -0.766726150  
## 68 -0.85551034 -0.761960650  
## 69 -0.99283948 -0.934034940  
## 70 -0.88330704 -0.733013660  
## 71 -0.84466333 -0.608227810  
## 72 -0.67684134 -0.612610810  
## 73 -0.94625555 -0.913041490  
## 74 -0.99123773 -0.985250630  
## 75 -0.97717952 -0.986909550  
## 76 -0.99069812 -0.996916030  
## 77 -0.99491549 -0.996444440  
## 78 -0.99506132 -0.996650540  
## 79 -0.78545635 -0.431831650  
## 80 -0.41777475 -0.428185870  
## 81 -0.61916770 -0.401038320  
## 82 -0.47159853 -0.217668850  
## 83 0.19174195 -0.187550950  
## 84 -0.29741948 -0.338358810  
## 85 -0.62368880 -0.397191100  
## 86 -0.70627500 -0.353548820  
## 87 -0.40341371 -0.472893240  
## 88 -0.78034726 -0.449340500  
## 89 -0.73347368 -0.462446520  
## 90 -0.82900185 -0.417613450  
## 91 -0.36414664 -0.378519930  
## 92 -0.55547118 -0.289650590  
## 93 -0.81734771 -0.341366340  
## 94 -0.84708052 -0.349592320  
## 95 -0.39855705 -0.301635720  
## 96 -0.78300513 -0.233780970  
## 97 -0.47889783 -0.140438620  
## 98 -0.71425708 -0.276440410  
## 99 -0.72480514 -0.355065760  
## 100 -0.58530499 -0.447162630  
## 101 -0.47723358 -0.297182200  
## 102 0.06625646 -0.147249140  
## 103 -0.84466565 -0.172883860  
## 104 -0.55957102 -0.206791720  
## 105 -0.68804164 -0.257236080  
## 106 -0.84981234 -0.396696540  
## 107 -0.27564581 -0.334348070  
## 108 -0.80575669 -0.369812630  
## 109 -0.30030172 -0.352441740  
## 110 -0.28255381 -0.263500240  
## 111 -0.31596061 -0.271497260  
## 112 0.02325691 -0.286815950  
## 113 -0.25857590 -0.427123680  
## 114 -0.78720563 -0.378141930  
## 115 -0.79961553 -0.340106680  
## 116 -0.79449415 -0.360219120  
## 117 -0.94053766 -0.357101690  
## 118 -0.73121226 -0.412318470  
## 119 -0.68587257 -0.386655110  
## 120 -0.48783158 -0.412701360  
## 121 -0.90303467 -0.435859020  
## 122 -0.62980532 -0.359960550  
## 123 -0.48007355 -0.387248420  
## 124 -0.90944325 -0.463667240  
## 125 -0.37971119 -0.332809800  
## 126 -0.52331811 -0.460038110  
## 127 -0.17861912 -0.195953750  
## 128 0.01481340 -0.128814290  
## 129 -0.68466007 -0.330651300  
## 130 -0.88376034 -0.478175540  
## 131 -0.54125789 -0.305680850  
## 132 -0.39170583 -0.267769620  
## 133 -0.42149393 -0.408175480  
## 134 -0.68779632 -0.380106820  
## 135 -0.28396213 -0.045316739  
## 136 -0.41790309 -0.131445830  
## 137 -0.67542800 -0.004970723  
## 138 -0.42126568 -0.136903000  
## 139 0.10020272 -0.133857360  
## 140 -0.28386670 -0.170594090  
## 141 -0.66079612 -0.325291530  
## 142 -0.81765525 -0.378854500  
## 143 -0.74790595 -0.401168410  
## 144 -0.63008770 -0.367593520  
## 145 0.16951953 -0.192777220  
## 146 -0.99229821 -0.151834630  
## 147 -0.57593357 -0.300874350  
## 148 -0.67901009 -0.378310740  
## 149 -0.37997094 -0.342707470  
## 150 -0.63675171 -0.506140560  
## 151 -0.62395126 -0.575114560  
## 152 -0.87652462 -0.619041020  
## 153 -0.79897126 -0.629260920  
## 154 -0.71134729 -0.594048890  
## 155 -0.92090851 -0.612151070  
## 156 -0.69380591 -0.627530610  
## 157 -0.83533083 -0.555289170  
## 158 -0.83047475 -0.567393010  
## 159 -0.87002878 -0.654670490  
## 160 -0.92273637 -0.652160170  
## 161 -0.80278379 -0.626461250  
## 162 -0.80478311 -0.639349620  
## 163 -0.82849488 -0.714461290  
## 164 -0.69481707 -0.655288880  
## 165 -0.38855825 -0.681059370  
## 166 -0.84140665 -0.730525580  
## 167 -0.68905867 -0.696018590  
## 168 -0.84998243 -0.729754500  
## 169 -0.94433961 -0.633442020  
## 170 -0.86028675 -0.608550020  
## 171 -0.70449123 -0.682104950  
## 172 -0.70729738 -0.673200220  
## 173 -0.95749277 -0.665204770  
## 174 -0.65420256 -0.652962360  
## 175 -0.90392076 -0.696755710  
## 176 -0.96308300 -0.690824540  
## 177 -0.98891211 -0.984665140  
## fBodyBodyGyroJerkMag-energy() fBodyBodyGyroJerkMag-iqr()  
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## 2 -0.9999807 -0.99454373  
## 3 -0.9999731 -0.99375529  
## 4 -0.9999744 -0.99522600  
## 5 -0.9999745 -0.99548682  
## 6 -0.9999740 -0.99453048  
## 7 -0.9999745 -0.99393973  
## 8 -0.9999740 -0.99542254  
## 9 -0.9999768 -0.99509545  
## 10 -0.9999291 -0.99045596  
## 11 -0.9999243 -0.99156494  
## 12 -0.9999910 -0.99772527  
## 13 -0.9999971 -0.99907380  
## 14 -0.9999970 -0.99878434  
## 15 -0.9999161 -0.99200690  
## 16 -0.9999924 -0.99810780  
## 17 -0.9999909 -0.99827323  
## 18 -0.9999903 -0.99678462  
## 19 -0.9999943 -0.99843259  
## 20 -0.9999990 -0.99912662  
## 21 -0.9999972 -0.99826866  
## 22 -0.9999951 -0.99707442  
## 23 -0.9999961 -0.99660003  
## 24 -0.9999962 -0.99796910  
## 25 -0.9999960 -0.99812154  
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## 27 -0.9999934 -0.99705200  
## 28 -0.9997427 -0.98371550  
## 29 -0.9999955 -0.99758285  
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## 31 -0.9854569 -0.85411352  
## 32 -0.9885839 -0.86117139  
## 33 -0.9984418 -0.94045971  
## 34 -0.9999101 -0.98868956  
## 35 -0.9999779 -0.99574759  
## 36 -0.9999794 -0.99617987  
## 37 -0.9999798 -0.99572229  
## 38 -0.9999811 -0.99539158  
## 39 -0.9999598 -0.99168382  
## 40 -0.9999773 -0.99572975  
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## 50 -0.9999904 -0.99735628  
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## 53 -0.9999950 -0.99817487  
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## 55 -0.9999952 -0.99759211  
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## 57 -0.9999971 -0.99758068  
## 58 -0.9999954 -0.99824890  
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## 66 -0.9998801 -0.98545486  
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## 69 -0.9970331 -0.90979854  
## 70 -0.9642029 -0.70701144  
## 71 -0.8928428 -0.56584744  
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## 73 -0.9946798 -0.91918262  
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## 80 -0.8411587 -0.46812294  
## 81 -0.8290308 -0.36942893  
## 82 -0.7011995 -0.31486359  
## 83 -0.6872493 -0.14880443  
## 84 -0.8012707 -0.34364966  
## 85 -0.8326609 -0.45604590  
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## 90 -0.8295787 -0.25825598  
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## 94 -0.7884573 -0.35071358  
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## 96 -0.7181886 -0.16889724  
## 97 -0.6729392 -0.08211249  
## 98 -0.7556203 -0.15506552  
## 99 -0.8099410 -0.36747292  
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## 101 -0.7612237 -0.31560449  
## 102 -0.6106844 -0.15475894  
## 103 -0.6482244 -0.12976897  
## 104 -0.7184902 -0.24076750  
## 105 -0.7497839 -0.20152981  
## 106 -0.8312850 -0.29752072  
## 107 -0.7866532 -0.31678440  
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## 114 -0.7999390 -0.45404058  
## 115 -0.7904490 -0.31458176  
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## 117 -0.7926327 -0.26281751  
## 118 -0.8370887 -0.47024926  
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## 120 -0.8219328 -0.39975931  
## 121 -0.8386077 -0.40742612  
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## 126 -0.8612835 -0.44984062  
## 127 -0.6968854 -0.19534629  
## 128 -0.6034574 0.08215446  
## 129 -0.7849027 -0.37363745  
## 130 -0.8852695 -0.54724380  
## 131 -0.7474129 -0.20571038  
## 132 -0.7037608 -0.16051014  
## 133 -0.8378534 -0.35684325  
## 134 -0.8031021 -0.41013587  
## 135 -0.5329127 -0.09862427  
## 136 -0.6579363 -0.09030228  
## 137 -0.5715028 -0.07541190  
## 138 -0.6277945 -0.23156139  
## 139 -0.6145558 -0.25786357  
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## 142 -0.8406470 -0.48167740  
## 143 -0.8564185 -0.22371569  
## 144 -0.8236324 -0.42738072  
## 145 -0.7026025 -0.19655836  
## 146 -0.6457017 -0.25628314  
## 147 -0.7696424 -0.18009918  
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## 150 -0.8904198 -0.38491682  
## 151 -0.9067318 -0.40385660  
## 152 -0.9225294 -0.58663264  
## 153 -0.9360184 -0.51003152  
## 154 -0.9233362 -0.47843809  
## 155 -0.9175451 -0.50554096  
## 156 -0.9330956 -0.48970066  
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## 160 -0.9425856 -0.65406251  
## 161 -0.9328583 -0.45693228  
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## 165 -0.9587497 -0.70349225  
## 166 -0.9677714 -0.73373435  
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## 168 -0.9666256 -0.70671161  
## 169 -0.9329668 -0.52281401  
## 170 -0.9276722 -0.61229592  
## 171 -0.9541359 -0.70566170  
## 172 -0.9497858 -0.59343444  
## 173 -0.9480059 -0.66156613  
## 174 -0.9474274 -0.52598706  
## 175 -0.9539760 -0.59503441  
## 176 -0.9469587 -0.71453841  
## 177 -0.9998510 -0.98350140  
## fBodyBodyGyroJerkMag-entropy() fBodyBodyGyroJerkMag-maxInds  
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## 2 -1.0000000 -1.00000000  
## 3 -1.0000000 -0.55555556  
## 4 -0.9556959 -0.93650794  
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## 12 -1.0000000 -1.00000000  
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## 26 -1.0000000 0.23809524  
## 27 -1.0000000 -0.96825397  
## 28 -0.7958862 -1.00000000  
## 29 -1.0000000 -0.96825397  
## 30 -1.0000000 -0.77777778  
## 31 -0.1818385 -1.00000000  
## 32 -0.1877216 -1.00000000  
## 33 -0.5611422 -1.00000000  
## 34 -0.8713058 -1.00000000  
## 35 -1.0000000 -0.93650794  
## 36 -1.0000000 -0.93650794  
## 37 -1.0000000 -0.93650794  
## 38 -1.0000000 -0.93650794  
## 39 -0.9556959 -0.90476190  
## 40 -1.0000000 -0.65079365  
## 41 -1.0000000 -0.55555556  
## 42 -1.0000000 -0.90476190  
## 43 -1.0000000 -0.90476190  
## 44 -1.0000000 -0.80952381  
## 45 -1.0000000 -0.90476190  
## 46 -1.0000000 -0.93650794  
## 47 -1.0000000 -0.93650794  
## 48 -1.0000000 -0.93650794  
## 49 -1.0000000 -0.84126984  
## 50 -1.0000000 -0.84126984  
## 51 -1.0000000 -0.93650794  
## 52 -0.4684899 -1.00000000  
## 53 -1.0000000 -0.90476190  
## 54 -1.0000000 -0.84126984  
## 55 -1.0000000 -0.71428571  
## 56 -1.0000000 -0.90476190  
## 57 -1.0000000 -0.90476190  
## 58 -1.0000000 -1.00000000  
## 59 -1.0000000 -0.93650794  
## 60 -1.0000000 -0.93650794  
## 61 -1.0000000 0.42857143  
## 62 -1.0000000 -0.93650794  
## 63 -1.0000000 -0.96825397  
## 64 -1.0000000 -1.00000000  
## 65 -0.4006057 -1.00000000  
## 66 -0.8713058 -0.96825397  
## 67 0.1459270 -1.00000000  
## 68 0.1443033 -1.00000000  
## 69 -0.3079143 -1.00000000  
## 70 0.1745404 -1.00000000  
## 71 0.3498070 -1.00000000  
## 72 0.3275272 -1.00000000  
## 73 -0.3510624 -1.00000000  
## 74 -0.8287342 -0.93650794  
## 75 -0.8794230 -1.00000000  
## 76 -1.0000000 -1.00000000  
## 77 -1.0000000 -0.93650794  
## 78 -1.0000000 -0.80952381  
## 79 0.5383088 -0.90476190  
## 80 0.4716551 -0.87301587  
## 81 0.5670434 -0.87301587  
## 82 0.6080054 -0.87301587  
## 83 0.5898116 -0.87301587  
## 84 0.5704650 -0.87301587  
## 85 0.4544980 -0.87301587  
## 86 0.5795624 -0.90476190  
## 87 0.4835364 -0.90476190  
## 88 0.4872084 -0.87301587  
## 89 0.4712680 -0.87301587  
## 90 0.5462144 -0.87301587  
## 91 0.4996237 -0.87301587  
## 92 0.6154285 -0.87301587  
## 93 0.5492325 -0.87301587  
## 94 0.5982714 -0.90476190  
## 95 0.6110235 -0.87301587  
## 96 0.6797007 -0.87301587  
## 97 0.6869697 -0.90476190  
## 98 0.6245834 -0.90476190  
## 99 0.5760444 -0.87301587  
## 100 0.4699232 -0.87301587  
## 101 0.6005987 -0.87301587  
## 102 0.6588716 -0.87301587  
## 103 0.6272565 -0.87301587  
## 104 0.5847700 -0.87301587  
## 105 0.5921058 -0.87301587  
## 106 0.5478086 -0.87301587  
## 107 0.5197906 -0.87301587  
## 108 0.5923307 -0.87301587  
## 109 0.5460768 -0.87301587  
## 110 0.5163845 -0.90476190  
## 111 0.5958899 -0.90476190  
## 112 0.5873304 -0.87301587  
## 113 0.4632073 -0.87301587  
## 114 0.5386959 -0.87301587  
## 115 0.6019271 -0.87301587  
## 116 0.5474473 -0.87301587  
## 117 0.6526393 -0.87301587  
## 118 0.4808345 -0.87301587  
## 119 0.5661564 -0.90476190  
## 120 0.5251523 -0.90476190  
## 121 0.5267723 -0.90476190  
## 122 0.5507159 -0.87301587  
## 123 0.5106932 -0.90476190  
## 124 0.5051230 -0.90476190  
## 125 0.5970807 -0.90476190  
## 126 0.4773708 -0.96825397  
## 127 0.5909860 -0.96825397  
## 128 0.6901418 -0.90476190  
## 129 0.6004868 -0.90476190  
## 130 0.5032956 -0.33333333  
## 131 0.5766398 -0.90476190  
## 132 0.6228679 -0.90476190  
## 133 0.5155560 -0.96825397  
## 134 0.5032353 -0.96825397  
## 135 0.7212580 -0.87301587  
## 136 0.6413533 -0.96825397  
## 137 0.6691055 -0.87301587  
## 138 0.6922196 -0.84126984  
## 139 0.6251788 -0.93650794  
## 140 0.6390836 -0.96825397  
## 141 0.5489994 -0.74603175  
## 142 0.5409646 -0.80952381  
## 143 0.5249028 -0.87301587  
## 144 0.5446366 -0.87301587  
## 145 0.6234469 -0.87301587  
## 146 0.6678726 -0.87301587  
## 147 0.6306781 -0.87301587  
## 148 0.5810026 -0.90476190  
## 149 0.5941581 -0.90476190  
## 150 0.4781202 -0.90476190  
## 151 0.4102345 -0.90476190  
## 152 0.3917082 -0.90476190  
## 153 0.3852255 -0.90476190  
## 154 0.4041317 -0.84126984  
## 155 0.3823614 -0.84126984  
## 156 0.3567115 -0.90476190  
## 157 0.4109008 -1.00000000  
## 158 0.4064416 -0.90476190  
## 159 0.3245965 -0.90476190  
## 160 0.3225197 -0.90476190  
## 161 0.3368056 -0.90476190  
## 162 0.3390300 -1.00000000  
## 163 0.2563588 -0.90476190  
## 164 0.2625911 -0.90476190  
## 165 0.2195451 -0.90476190  
## 166 0.1745816 -0.96825397  
## 167 0.2367021 -0.90476190  
## 168 0.2447102 -0.90476190  
## 169 0.3302334 -0.90476190  
## 170 0.3081212 -0.90476190  
## 171 0.2719983 -0.80952381  
## 172 0.2816441 -1.00000000  
## 173 0.3329353 -0.80952381  
## 174 0.3064573 -0.84126984  
## 175 0.3207460 -0.90476190  
## 176 0.2414172 -0.84126984  
## 177 -0.8099757 -0.96825397  
## fBodyBodyGyroJerkMag-meanFreq() fBodyBodyGyroJerkMag-skewness()  
## 1 -0.0743230270 -0.2986763700  
## 2 0.1580745400 -0.5950509400  
## 3 0.4145028100 -0.3907481500  
## 4 0.4045725300 -0.1172902000  
## 5 0.0877530130 -0.3514709300  
## 6 0.0199533100 -0.5454101100  
## 7 0.1458435100 -0.2171981800  
## 8 0.1363819200 -0.0823069720  
## 9 0.3140378300 -0.2694012600  
## 10 0.2673825000 0.3395260700  
## 11 0.1205033900 0.3487709800  
## 12 0.3514418100 -0.6110136400  
## 13 0.6898970400 -0.6863889400  
## 14 0.7400228700 -0.5640998000  
## 15 0.1309584900 0.2076888100  
## 16 0.6615399700 -0.7821365100  
## 17 0.5606675500 -0.7788766000  
## 18 0.4286142100 -0.3288989500  
## 19 0.3484126400 -0.5013006700  
## 20 0.6671556500 -0.9416710100  
## 21 0.6011337500 -0.8338895700  
## 22 0.5763390200 -0.8481980300  
## 23 0.4802250900 -0.7019699400  
## 24 0.4681909300 -0.9097857800  
## 25 0.7300843500 -0.7463820600  
## 26 0.6770731600 -0.7154621100  
## 27 0.7182839800 -0.8249189200  
## 28 -0.2576072700 0.1561853000  
## 29 0.5824263000 -0.7433974800  
## 30 0.7555930900 -0.7686233600  
## 31 -0.4635334700 0.7430984500  
## 32 -0.2545513900 0.4824853600  
## 33 0.1812865600 0.1433580800  
## 34 0.1234895100 -0.1768117100  
## 35 0.2009247500 -0.5081272800  
## 36 0.0545947810 -0.4307437200  
## 37 0.0923549480 -0.5374699400  
## 38 0.4536777200 -0.5275393300  
## 39 0.1908948000 -0.4444823800  
## 40 0.2070365900 -0.4673260900  
## 41 0.1069484200 -0.4898510300  
## 42 0.2173128400 -0.4310890100  
## 43 0.4586033900 -0.6961387400  
## 44 0.3501309600 -0.4478065400  
## 45 0.3022782000 -0.3335937800  
## 46 0.3089236400 -0.6103704200  
## 47 0.3343271800 -0.6593410100  
## 48 0.3189176600 -0.7297535400  
## 49 0.5196640800 -0.4616772900  
## 50 0.3269380900 -0.4973049900  
## 51 -0.1114284900 -0.4529215100  
## 52 -0.2748910300 0.3839069100  
## 53 0.4284733900 -0.6876359400  
## 54 0.4375321400 -0.5190843100  
## 55 0.5438481700 -0.8551394700  
## 56 0.6389389400 -0.8521711200  
## 57 0.5971281900 -0.9005186100  
## 58 0.3945063800 -0.6844966900  
## 59 0.2575364800 -0.6000930600  
## 60 0.6178431300 -0.8669652100  
## 61 0.9185763800 -0.8603116500  
## 62 0.6141518300 -0.5846061000  
## 63 0.5646892900 -0.7167522000  
## 64 0.7228187700 -0.6728203600  
## 65 -0.1186406500 0.3963554300  
## 66 0.0438738220 -0.3121101600  
## 67 -0.8006835500 0.1960381800  
## 68 -0.6912192200 -0.1570085300  
## 69 -0.3507199500 0.0847559100  
## 70 -0.2816841500 -0.2680415200  
## 71 -0.5251700200 0.0633637140  
## 72 -0.5338671300 0.0189791800  
## 73 -0.2695649900 0.2850845800  
## 74 0.2927778200 -0.3861117800  
## 75 0.2477329300 0.0994874830  
## 76 0.2295159600 -0.4743435800  
## 77 0.3558033900 -0.6454892600  
## 78 0.4254729200 -0.7181711300  
## 79 -0.1516417800 -0.3121368900  
## 80 0.1737092600 -0.1766254400  
## 81 0.2443055400 -0.3654165600  
## 82 0.2627864400 -0.2033007200  
## 83 0.4151864400 0.0462393480  
## 84 0.3353569700 -0.2424583700  
## 85 0.2199417800 -0.0268334960  
## 86 0.2182461800 -0.2470620900  
## 87 -0.0209132840 -0.2014770600  
## 88 -0.0873468110 -0.1735880900  
## 89 0.1185137200 -0.0136891640  
## 90 0.2048007200 -0.0376529720  
## 91 0.2394544800 -0.0798890330  
## 92 0.2278396200 -0.0377496960  
## 93 0.1705633600 0.0158003850  
## 94 0.1611026400 -0.2623224500  
## 95 0.0982239220 -0.2602701400  
## 96 0.1035837900 -0.1095888600  
## 97 0.1743448300 -0.1869211200  
## 98 0.2108131500 -0.2428114000  
## 99 0.2936991500 -0.2413333300  
## 100 0.3948549100 -0.0483287520  
## 101 0.3562601100 0.0040713823  
## 102 0.2383139700 0.2785569100  
## 103 0.0564785330 -0.1846265100  
## 104 0.3848584900 -0.2056903900  
## 105 0.4140957200 -0.3276461700  
## 106 0.3665951300 -0.3950299400  
## 107 0.2203890000 -0.1199580000  
## 108 0.0775928090 0.0844927310  
## 109 0.1655629700 -0.0966768530  
## 110 0.2414844300 -0.2079250000  
## 111 0.0414466300 -0.6232547300  
## 112 0.1754617800 -0.1091713000  
## 113 0.2642732700 0.1239663700  
## 114 0.2480218300 -0.0473068940  
## 115 0.2012964500 0.0594423530  
## 116 0.1339104300 -0.0003612047  
## 117 0.0799232480 -0.3174157000  
## 118 0.2623174400 -0.2921580300  
## 119 0.2100353600 -0.2920756400  
## 120 0.0781750220 -0.2851854700  
## 121 0.0828915820 -0.1804281000  
## 122 0.1389796800 -0.4547713000  
## 123 0.1960543500 -0.4814671200  
## 124 0.1697788100 -0.5810097400  
## 125 0.0557139620 -0.3055499900  
## 126 0.0020676879 -0.2994248900  
## 127 -0.0615250130 -0.4192888700  
## 128 -0.0009285913 -0.3386454100  
## 129 0.2936519100 -0.2779943300  
## 130 0.4489403000 -0.6489900700  
## 131 0.1583959400 -0.2319507700  
## 132 0.0007837935 -0.3053153600  
## 133 0.1692699100 -0.4752742200  
## 134 0.2798822800 -0.3684737100  
## 135 0.0622944110 -0.3460433800  
## 136 0.4221697500 -0.4241041600  
## 137 0.3353146500 -0.4389266600  
## 138 0.0274672870 -0.3913719600  
## 139 0.0848849230 -0.2310517800  
## 140 0.1792416900 -0.2517046200  
## 141 0.2929126700 -0.5934816500  
## 142 0.3732030300 -0.6042860700  
## 143 0.2433984900 -0.8760421400  
## 144 0.1790902800 -0.5083457100  
## 145 0.1497109400 -0.4678187700  
## 146 0.0704096110 -0.3685420500  
## 147 0.0304554930 -0.5526038200  
## 148 0.3167519200 -0.5825539400  
## 149 0.3422299000 -0.6153147800  
## 150 0.1363229000 -0.6972542300  
## 151 -0.0066072733 -0.3314703700  
## 152 0.0598413330 -0.2308114900  
## 153 0.0421753790 -0.5967528100  
## 154 0.0357294090 -0.5442092400  
## 155 -0.2082514200 -0.4762936000  
## 156 -0.0563201720 -0.5220328200  
## 157 0.1364363600 -0.3734326000  
## 158 0.0882438120 -0.2499341300  
## 159 0.2898003000 -0.6427789400  
## 160 0.1636337600 -0.1927685200  
## 161 0.0109419930 -0.6002536700  
## 162 0.0569325730 -0.3414782000  
## 163 0.2262922300 -0.4763913100  
## 164 0.2572531600 -0.4876809200  
## 165 0.2263963900 -0.5833219400  
## 166 0.0292520520 -0.4044535800  
## 167 0.0224573150 -0.5369909500  
## 168 0.1290343100 -0.5935797200  
## 169 -0.0499360020 -0.3928730100  
## 170 -0.0896030540 -0.3658195000  
## 171 0.0766943700 -0.6041799900  
## 172 0.0699577390 -0.5957174200  
## 173 0.1301925600 -0.6057239000  
## 174 0.1410482300 -0.6105228600  
## 175 -0.0782934840 -0.5454037300  
## 176 -0.1740794700 -0.3425282700  
## 177 0.0656836350 -0.4972597600  
## fBodyBodyGyroJerkMag-kurtosis() angle(tBodyAccMean,gravity)  
## 1 -0.71030407 -0.1127543400  
## 2 -0.86149931 0.0534769550  
## 3 -0.76010372 -0.1185592600  
## 4 -0.48284451 -0.0367879730  
## 5 -0.69920515 0.1233200500  
## 6 -0.84461930 0.0826321550  
## 7 -0.56443048 -0.2127540600  
## 8 -0.42171544 -0.0208880150  
## 9 -0.57299535 0.0129540210  
## 10 0.14045152 -0.0205896460  
## 11 0.05768159 0.0806994690  
## 12 -0.87836268 0.0017609637  
## 13 -0.87875110 -0.0775517230  
## 14 -0.76590135 0.1056204700  
## 15 -0.06805428 0.0622966190  
## 16 -0.95352020 -0.1218522200  
## 17 -0.94042078 -0.0014463033  
## 18 -0.59686050 -0.0283318580  
## 19 -0.83824289 -0.1658491500  
## 20 -0.96552162 0.2449313100  
## 21 -0.96857963 0.1606073500  
## 22 -0.95024737 -0.0023201840  
## 23 -0.89511812 -0.0323374980  
## 24 -0.98659509 -0.5428842400  
## 25 -0.94166398 -0.0214455400  
## 26 -0.93748334 0.0256519910  
## 27 -0.96440686 0.2310603100  
## 28 -0.24178130 0.0135259730  
## 29 -0.89952310 0.1947347500  
## 30 -0.92854834 -0.2286883400  
## 31 0.59673312 0.1792231800  
## 32 0.25609488 0.1147599500  
## 33 -0.09741830 -0.0049131687  
## 34 -0.54858082 -0.0123379320  
## 35 -0.86266897 0.0961930970  
## 36 -0.82318141 0.0643981520  
## 37 -0.86192620 -0.0081442943  
## 38 -0.83912516 -0.0742619280  
## 39 -0.81650184 0.3212502900  
## 40 -0.82105451 -0.0332840060  
## 41 -0.85323158 -0.1437755800  
## 42 -0.77074801 0.0081153282  
## 43 -0.88056095 0.0461880310  
## 44 -0.75140574 0.0461273210  
## 45 -0.72037357 0.1248438700  
## 46 -0.88061181 0.0331936620  
## 47 -0.91519949 -0.1080917300  
## 48 -0.93847392 -0.1325788700  
## 49 -0.72987211 0.0265410280  
## 50 -0.84641778 0.1265118500  
## 51 -0.84470535 -0.1750681300  
## 52 -0.02176383 -0.0685798980  
## 53 -0.91251203 -0.1130479400  
## 54 -0.81303967 0.2931448500  
## 55 -0.98402776 0.2405257400  
## 56 -0.95425386 -0.3475187000  
## 57 -0.98844764 -0.3276613300  
## 58 -0.90188828 0.7510889700  
## 59 -0.83542768 0.1984363000  
## 60 -0.97793030 -0.0466892300  
## 61 -0.97914218 -0.3282750400  
## 62 -0.77528459 -0.2409816600  
## 63 -0.93040119 -0.1965436500  
## 64 -0.89079713 0.1702030400  
## 65 0.07040545 0.0334878560  
## 66 -0.67548227 0.1534405500  
## 67 -0.12889495 0.1394751700  
## 68 -0.56191796 0.0024180696  
## 69 -0.22865906 -0.1093918400  
## 70 -0.60964376 -0.1167685700  
## 71 -0.33051979 0.1528296200  
## 72 -0.43705914 0.1231081600  
## 73 -0.09160476 -0.0007928036  
## 74 -0.77042624 0.4472253300  
## 75 -0.40035933 -0.0283187270  
## 76 -0.84518609 -0.1315768500  
## 77 -0.90675792 0.0894277650  
## 78 -0.93506965 0.1387421700  
## 79 -0.67395058 -0.1608831200  
## 80 -0.58428353 -0.0219768550  
## 81 -0.69620082 0.3720410300  
## 82 -0.54687320 -0.3785736400  
## 83 -0.26919186 -0.0729063780  
## 84 -0.55257680 0.2279383100  
## 85 -0.38146903 -0.1482182400  
## 86 -0.60713395 0.1754768800  
## 87 -0.59466014 -0.5161541400  
## 88 -0.56638099 -0.0769055250  
## 89 -0.31731551 0.8347709900  
## 90 -0.26887324 -0.1581363300  
## 91 -0.45424795 -0.1657555900  
## 92 -0.32972788 -0.0400304370  
## 93 -0.28573754 -0.4227126300  
## 94 -0.62609741 0.7482928400  
## 95 -0.60099427 0.5924629400  
## 96 -0.42216552 -0.4389106400  
## 97 -0.49384468 -0.5387171800  
## 98 -0.56927603 0.4606548700  
## 99 -0.55187161 -0.0531583540  
## 100 -0.37316280 0.4662107800  
## 101 -0.26704180 -0.0845498020  
## 102 0.03432269 0.7176453300  
## 103 -0.54960683 0.3733684700  
## 104 -0.51911727 -0.5228653400  
## 105 -0.63373341 0.7158481400  
## 106 -0.64919349 -0.0355104380  
## 107 -0.44379143 -0.3749949600  
## 108 -0.18710903 0.4854516800  
## 109 -0.37672629 -0.0102483440  
## 110 -0.59041372 -0.4217641400  
## 111 -0.89124865 -0.3364846200  
## 112 -0.44844837 -0.2904975200  
## 113 -0.18368135 0.8330108600  
## 114 -0.36059448 -0.0657608370  
## 115 -0.22444915 -0.4735909800  
## 116 -0.41276796 0.6848406900  
## 117 -0.66626897 -0.1217077600  
## 118 -0.65602444 -0.5766661800  
## 119 -0.64701325 0.4246765200  
## 120 -0.69624001 0.6591435000  
## 121 -0.54215157 0.0541384120  
## 122 -0.78753094 -0.2371414100  
## 123 -0.75226919 -0.2964846400  
## 124 -0.85618464 0.6151863800  
## 125 -0.65765213 0.4796791100  
## 126 -0.69116994 -0.2947875800  
## 127 -0.78169916 -0.2728047500  
## 128 -0.72914396 -0.0485041760  
## 129 -0.65627300 0.0002111819  
## 130 -0.91684738 -0.0275834440  
## 131 -0.62703112 0.1402629300  
## 132 -0.71706482 -0.1021958800  
## 133 -0.82304700 0.1675993200  
## 134 -0.75361313 0.8738045200  
## 135 -0.73261272 0.0036457563  
## 136 -0.76814981 -0.8431305200  
## 137 -0.72882018 0.1595506600  
## 138 -0.79501703 0.5595619500  
## 139 -0.67927826 -0.6938542900  
## 140 -0.66882668 0.3781963900  
## 141 -0.88647571 0.0594542120  
## 142 -0.87676679 -0.3470415800  
## 143 -0.99466425 -0.6722505600  
## 144 -0.83070137 -0.2252616100  
## 145 -0.83985299 0.4748558000  
## 146 -0.77672856 -0.2370696000  
## 147 -0.87490677 -0.4138692500  
## 148 -0.88660191 0.0466957500  
## 149 -0.90082709 0.4838184700  
## 150 -0.94101851 0.3892028500  
## 151 -0.68594563 0.1987993700  
## 152 -0.62155200 -0.1833122800  
## 153 -0.88181655 -0.1407953000  
## 154 -0.83419390 -0.0993320880  
## 155 -0.86253422 0.3605935400  
## 156 -0.82199476 0.4988535000  
## 157 -0.73275212 0.4438407900  
## 158 -0.57235640 -0.0511231490  
## 159 -0.89386292 0.3350311400  
## 160 -0.47931144 0.7241294300  
## 161 -0.91258056 -0.5154456100  
## 162 -0.72333310 -0.5784310600  
## 163 -0.79673463 -0.8572077100  
## 164 -0.80676003 -0.9395976200  
## 165 -0.87791073 -0.0755811980  
## 166 -0.72984544 0.0097332985  
## 167 -0.85683214 0.1407098200  
## 168 -0.88109366 0.1357776000  
## 169 -0.76269564 0.5573184600  
## 170 -0.72421874 -0.7196080800  
## 171 -0.91457365 -0.5025175400  
## 172 -0.91327660 0.1245478100  
## 173 -0.90106345 0.3114788000  
## 174 -0.85013883 0.3229567300  
## 175 -0.87419542 0.5796483500  
## 176 -0.75728683 0.1115831000  
## 177 -0.79892446 0.0283619890  
## angle(tBodyAccJerkMean),gravityMean) angle(tBodyGyroMean,gravityMean)  
## 1 0.030400372 -0.464761390  
## 2 -0.007434566 -0.732626210  
## 3 0.177899480 0.100699210  
## 4 -0.012892494 0.640011040  
## 5 0.122541960 0.693578290  
## 6 -0.143439010 0.275040750  
## 7 -0.230621930 0.014636690  
## 8 0.593995810 -0.561870670  
## 9 0.080936389 -0.234312630  
## 10 -0.127730180 -0.482870540  
## 11 0.595790550 -0.475802450  
## 12 -0.065980273 0.578861120  
## 13 -0.101221890 0.639083990  
## 14 -0.090277545 -0.132402800  
## 15 -0.058719320 0.031207971  
## 16 -0.029076714 -0.013034217  
## 17 -0.048109773 -0.340473490  
## 18 0.092367048 -0.822238610  
## 19 -0.033006915 -0.240571550  
## 20 0.102568970 0.066134774  
## 21 0.197773910 0.257657210  
## 22 0.150390830 0.142331320  
## 23 -0.301298380 0.132575960  
## 24 -0.249544510 0.006986179  
## 25 0.337009870 -0.436684990  
## 26 0.066502648 -0.226315510  
## 27 0.429282530 0.681154290  
## 28 0.043354353 0.021485361  
## 29 -0.148055620 0.033529451  
## 30 -0.097214562 0.024191641  
## 31 0.077594975 0.056348280  
## 32 0.114436210 -0.070782460  
## 33 0.033987522 -0.036067731  
## 34 0.094622460 0.029126625  
## 35 -0.131374980 0.077639880  
## 36 0.300923870 0.117655440  
## 37 0.559317550 0.142526980  
## 38 0.324511330 0.161269690  
## 39 -0.050327903 0.584279980  
## 40 -0.192608550 0.617873510  
## 41 -0.235154520 0.689865800  
## 42 0.106761350 0.900588870  
## 43 0.251286790 -0.506864840  
## 44 0.112450510 -0.519914550  
## 45 -0.378424150 -0.641466180  
## 46 0.331452520 -0.693793230  
## 47 0.371172170 -0.500428060  
## 48 -0.345562400 0.289201850  
## 49 -0.286820710 0.785790040  
## 50 0.637388690 -0.081017137  
## 51 0.266021650 0.285314860  
## 52 -0.043105439 -0.332248510  
## 53 0.223038100 -0.393074660  
## 54 -0.018634898 -0.246979720  
## 55 0.149804360 0.393610910  
## 56 -0.469154840 0.308854890  
## 57 -0.689302550 0.397034800  
## 58 0.626431780 0.263400940  
## 59 0.241702010 -0.011946523  
## 60 -0.282930350 0.541432330  
## 61 0.447150500 0.079283632  
## 62 -0.544387870 -0.228994820  
## 63 -0.665017330 0.772095840  
## 64 0.310624530 0.663555470  
## 65 0.061567529 -0.514438170  
## 66 -0.528678050 -0.478887620  
## 67 0.039215644 -0.495302820  
## 68 -0.002366143 -0.101877640  
## 69 0.121178870 0.002749453  
## 70 -0.391404110 0.413596360  
## 71 0.149602360 0.127245050  
## 72 0.432539740 -0.083445798  
## 73 0.267189470 -0.186201930  
## 74 0.022634024 -0.051352659  
## 75 -0.115114940 -0.044386256  
## 76 0.565616580 -0.010565179  
## 77 -0.191935090 0.377740900  
## 78 -0.479116010 0.263321580  
## 79 0.564736320 0.912473220  
## 80 0.506609390 -0.700053020  
## 81 -0.106183570 -0.923835330  
## 82 -0.582073330 -0.886348740  
## 83 0.656842080 -0.291200050  
## 84 0.011124233 0.272253810  
## 85 -0.552254850 0.205244310  
## 86 0.551512200 -0.221460600  
## 87 0.461593890 0.921734830  
## 88 0.525659440 0.500027690  
## 89 -0.849025300 -0.357327500  
## 90 -0.759188590 -0.270994760  
## 91 0.648271640 0.303367780  
## 92 0.257251660 0.076090927  
## 93 -0.356212950 -0.403728040  
## 94 0.668579570 -0.459455020  
## 95 -0.448267850 -0.579214510  
## 96 -0.710034970 0.121017950  
## 97 0.833200500 0.457681980  
## 98 0.765161570 0.424756900  
## 99 0.512810490 -0.811517960  
## 100 -0.205652070 -0.282600790  
## 101 -0.497418560 0.162352500  
## 102 0.401581250 -0.038345181  
## 103 -0.358117660 -0.025813658  
## 104 0.644425130 0.427021120  
## 105 0.228243580 0.277383940  
## 106 -0.760584690 0.535230060  
## 107 0.147097300 -0.338795480  
## 108 0.476313610 -0.550600780  
## 109 -0.579204270 -0.521203010  
## 110 -0.471106050 0.077417664  
## 111 0.373741110 0.597146290  
## 112 -0.230933140 0.955379020  
## 113 0.319390640 0.946113550  
## 114 -0.765499700 0.810453430  
## 115 0.653035390 0.664344190  
## 116 0.424515800 -0.284663320  
## 117 -0.300205950 -0.813565820  
## 118 0.398499350 -0.447815970  
## 119 -0.192487540 -0.352359420  
## 120 -0.367384330 -0.274644650  
## 121 -0.492606970 0.615095010  
## 122 -0.583154390 0.121184080  
## 123 0.623604220 -0.299838730  
## 124 0.571299850 0.143779250  
## 125 -0.571218450 0.435895240  
## 126 -0.582191560 0.046130951  
## 127 0.315993280 0.783686160  
## 128 0.653022460 0.972225460  
## 129 0.068551448 0.955957900  
## 130 0.432609540 -0.943390250  
## 131 -0.116672280 0.975040020  
## 132 -0.044056353 -0.738124400  
## 133 0.013802323 -0.960124610  
## 134 -0.315115980 -0.960521040  
## 135 -0.705994280 0.977198780  
## 136 0.635292260 0.905506740  
## 137 0.731199690 0.935449070  
## 138 -0.964759860 0.798683420  
## 139 0.435755700 -0.954718370  
## 140 0.894063940 0.812622260  
## 141 -0.800865520 -0.849875300  
## 142 -0.091058847 -0.926615110  
## 143 -0.152870330 0.985283880  
## 144 0.785611740 0.893840020  
## 145 -0.597493470 0.889267420  
## 146 0.340482590 0.602830000  
## 147 0.634555650 0.751069070  
## 148 0.475769790 0.906800650  
## 149 -0.712491670 -0.872521480  
## 150 -0.635065030 -0.920455440  
## 151 -0.515057560 -0.960808140  
## 152 -0.366714300 -0.932360730  
## 153 -0.235431060 -0.904871490  
## 154 -0.413969630 -0.968821180  
## 155 0.455744360 0.777627720  
## 156 0.179757530 -0.818937070  
## 157 -0.199366790 0.684450550  
## 158 0.279914670 0.984108740  
## 159 -0.817833310 -0.963266510  
## 160 -0.142842600 -0.958263900  
## 161 0.578529420 -0.950428200  
## 162 0.661165970 -0.931458810  
## 163 -0.661554160 -0.344863790  
## 164 -0.647406180 -0.753252660  
## 165 -0.488692510 0.904460740  
## 166 -0.286142140 0.974469780  
## 167 -0.046210397 0.891381340  
## 168 0.659119290 -0.984461460  
## 169 0.491481990 -0.931485780  
## 170 -0.192927900 -0.961774600  
## 171 -0.368694340 -0.823093870  
## 172 -0.612535900 0.843872600  
## 173 -0.695962360 -0.791060770  
## 174 -0.781349940 0.498949680  
## 175 0.888921350 0.974813500  
## 176 0.938893570 0.962845750  
## 177 -0.137186330 -0.074016220  
## angle(tBodyGyroJerkMean,gravityMean) angle(X,gravityMean)  
## 1 -0.018445884 -0.8412468  
## 2 0.703510590 -0.8447876  
## 3 0.808529080 -0.8489335  
## 4 -0.485366450 -0.8486494  
## 5 -0.615970610 -0.8478653  
## 6 -0.368224040 -0.8496316  
## 7 -0.189511530 -0.8521502  
## 8 0.467383330 -0.8510167  
## 9 0.117797010 -0.8479715  
## 10 -0.070670135 -0.8482944  
## 11 0.115930620 -0.8515618  
## 12 -0.651945130 -0.8527234  
## 13 0.765484880 -0.8506545  
## 14 0.498814190 -0.8497727  
## 15 -0.268791330 -0.7309373  
## 16 -0.056927156 -0.7611008  
## 17 -0.229154570 -0.7591722  
## 18 0.367557440 -0.7593633  
## 19 0.788192910 -0.7610519  
## 20 -0.411729480 -0.7606202  
## 21 -0.381102130 -0.7605277  
## 22 -0.853711290 -0.7620229  
## 23 -0.022379316 -0.7615089  
## 24 -0.235199540 -0.7589601  
## 25 -0.622922020 -0.7589769  
## 26 -0.225357990 -0.7621967  
## 27 0.815225620 -0.7637021  
## 28 0.046689153 -0.6670846  
## 29 -0.127027870 -0.5648074  
## 30 0.006329124 -0.5793674  
## 31 -0.316726630 -0.5828063  
## 32 -0.001460983 -0.5529392  
## 33 0.205112560 -0.4183681  
## 34 -0.134245210 -0.3058841  
## 35 -0.037327157 -0.3091949  
## 36 -0.046454587 -0.3167322  
## 37 -0.016025225 -0.3145750  
## 38 0.192140510 -0.3148856  
## 39 -0.426198260 -0.6543561  
## 40 -0.512405460 -0.6507820  
## 41 -0.573560570 -0.6451461  
## 42 -0.794045890 -0.6465785  
## 43 -0.583071760 -0.6470622  
## 44 -0.134551200 -0.6451051  
## 45 0.341445110 -0.6463337  
## 46 0.395252820 -0.6479974  
## 47 0.454992430 -0.6462539  
## 48 0.355138020 -0.6460439  
## 49 -0.300857290 -0.6448514  
## 50 -0.187249070 -0.6432203  
## 51 0.465166740 -0.6454598  
## 52 0.487505250 0.4324785  
## 53 0.359037150 0.3998533  
## 54 0.453923120 0.3990658  
## 55 0.386719130 0.3995548  
## 56 -0.354146240 0.3988886  
## 57 -0.310910610 0.3988974  
## 58 -0.646225070 0.3988811  
## 59 -0.096104861 0.3987777  
## 60 0.727894650 0.3980197  
## 61 -0.108642230 0.3971343  
## 62 -0.039423200 0.3973035  
## 63 0.775333580 0.3977580  
## 64 0.337821050 0.3977906  
## 65 0.240942860 0.2057594  
## 66 0.388870110 0.2785440  
## 67 0.082695923 0.2720829  
## 68 0.543206600 0.3787915  
## 69 0.098027740 0.5023862  
## 70 0.051019612 0.4945353  
## 71 0.192852070 0.5087332  
## 72 0.025647796 0.6682843  
## 73 0.098098759 0.7929702  
## 74 0.156333780 0.7969283  
## 75 0.058185081 0.7973937  
## 76 0.046694737 0.7991744  
## 77 0.071105431 0.7972570  
## 78 -0.412015950 0.7964124  
## 79 -0.412836070 -0.7737066  
## 80 -0.840942950 -0.7671632  
## 81 0.344459190 -0.7574139  
## 82 0.063337412 -0.7625343  
## 83 0.077922024 -0.7639681  
## 84 0.207345250 -0.7661857  
## 85 0.377500410 -0.7766768  
## 86 -0.688191320 -0.7842253  
## 87 -0.367224050 -0.7601763  
## 88 -0.643309590 -0.7641134  
## 89 -0.170313160 -0.7654885  
## 90 0.201838520 -0.7646006  
## 91 0.822135870 -0.7602417  
## 92 -0.123424790 -0.7528818  
## 93 -0.169087180 -0.7559765  
## 94 0.291569570 -0.7639973  
## 95 0.836637940 -0.7680147  
## 96 -0.023407756 -0.7694772  
## 97 0.211526520 -0.7767360  
## 98 0.167462670 -0.7869627  
## 99 0.581624360 -0.7641851  
## 100 0.207175110 -0.7569977  
## 101 -0.408397320 -0.7507395  
## 102 -0.593632420 -0.7499626  
## 103 0.810168750 -0.7512087  
## 104 0.697137950 -0.7521812  
## 105 -0.318153500 -0.7619169  
## 106 -0.957049970 -0.7731985  
## 107 -0.454474740 -0.7773315  
## 108 0.389290780 -0.7794364  
## 109 0.810517390 -0.7700047  
## 110 0.237209330 -0.7560886  
## 111 -0.257187610 -0.7577825  
## 112 -0.603208950 -0.7550758  
## 113 -0.029271039 -0.7475173  
## 114 0.090854819 -0.7506961  
## 115 0.681687830 -0.7556625  
## 116 -0.021918480 -0.7661803  
## 117 -0.888403980 -0.7695421  
## 118 -0.579070840 -0.7719047  
## 119 0.309341780 -0.7779164  
## 120 0.292815570 -0.7747675  
## 121 0.346940040 -0.7741005  
## 122 -0.140030140 -0.7808835  
## 123 0.175934040 -0.7831538  
## 124 0.240494550 -0.7799536  
## 125 -0.435920800 -0.7713631  
## 126 -0.112672810 -0.7683400  
## 127 -0.288010060 -0.7907645  
## 128 0.530881870 -0.8022357  
## 129 -0.616748120 -0.8036190  
## 130 0.107830320 -0.8006682  
## 131 0.594270290 -0.8128886  
## 132 -0.576297360 -0.8113968  
## 133 -0.081783026 -0.8029214  
## 134 0.678076900 -0.8106353  
## 135 -0.174690920 -0.7461619  
## 136 0.343408830 -0.7619855  
## 137 -0.101694210 -0.7557764  
## 138 -0.486991850 -0.7436420  
## 139 0.777159000 -0.7432326  
## 140 -0.424187280 -0.7507135  
## 141 -0.698906010 -0.7553770  
## 142 0.434069520 -0.7711619  
## 143 -0.254879540 -0.7399262  
## 144 0.701630710 -0.7576977  
## 145 -0.315009410 -0.7662243  
## 146 -0.561069250 -0.7506691  
## 147 0.434283160 -0.7512011  
## 148 -0.371855300 -0.7688610  
## 149 -0.755811120 -0.7628088  
## 150 0.293529320 -0.7709432  
## 151 0.798594600 -0.7301796  
## 152 0.257389960 -0.6954808  
## 153 -0.524824340 -0.6816201  
## 154 -0.132384440 -0.6867150  
## 155 -0.057846298 -0.6932668  
## 156 -0.056916321 -0.6983891  
## 157 0.761996200 -0.7022529  
## 158 0.600523150 -0.6918901  
## 159 -0.904298650 -0.6976624  
## 160 -0.767436710 -0.6624351  
## 161 0.715585020 -0.6576454  
## 162 0.700749750 -0.6580320  
## 163 -0.700888390 -0.6622363  
## 164 0.141815520 -0.6671171  
## 165 0.845250600 -0.6674005  
## 166 -0.364880900 -0.6534964  
## 167 -0.662970180 -0.6440912  
## 168 0.674556300 -0.6951592  
## 169 -0.116662410 -0.6694655  
## 170 0.134304000 -0.6629732  
## 171 0.528154280 -0.6624537  
## 172 -0.330133100 -0.6713999  
## 173 -0.107879260 -0.6740130  
## 174 0.836395450 -0.6713263  
## 175 -0.488198930 -0.6702557  
## 176 -0.836773290 -0.6678084  
## 177 0.022322308 -0.6875829  
## angle(Y,gravityMean) angle(Z,gravityMean) Activity Subject  
## 1 0.179940610 -0.05862692 5 1  
## 2 0.180288890 -0.05431672 5 1  
## 3 0.180637310 -0.04911782 5 1  
## 4 0.181934760 -0.04766318 5 1  
## 5 0.185151160 -0.04389225 5 1  
## 6 0.184822510 -0.04212638 5 1  
## 7 0.182169970 -0.04300999 5 1  
## 8 0.183778510 -0.04197583 5 1  
## 9 0.188982480 -0.03736393 5 1  
## 10 0.190310330 -0.03441729 5 1  
## 11 0.187609320 -0.03468117 5 1  
## 12 0.186050360 -0.03585209 5 1  
## 13 0.187610540 -0.03599795 5 1  
## 14 0.188812200 -0.03506340 5 1  
## 15 0.283158550 0.03644391 5 1  
## 16 0.263118580 0.02417211 5 1  
## 17 0.264324470 0.02701434 5 1  
## 18 0.264032790 0.02966402 5 1  
## 19 0.262885990 0.02934573 5 1  
## 20 0.263169350 0.02957303 5 1  
## 21 0.263183490 0.03028845 5 1  
## 22 0.262170280 0.02998699 5 1  
## 23 0.262550060 0.02963917 5 1  
## 24 0.264256230 0.03045603 5 1  
## 25 0.264223610 0.03074315 5 1  
## 26 0.262090130 0.02940367 5 1  
## 27 0.261103360 0.02856296 5 1  
## 28 0.054216165 -0.21887457 4 1  
## 29 -0.027044798 -0.26605456 4 1  
## 30 -0.021566893 -0.25753010 4 1  
## 31 -0.020755925 -0.25526977 4 1  
## 32 -0.053538987 -0.26042439 4 1  
## 33 -0.142549020 -0.30588383 4 1  
## 34 -0.213339040 -0.33700092 4 1  
## 35 -0.221116620 -0.32645795 4 1  
## 36 -0.217729340 -0.32332877 4 1  
## 37 -0.218935200 -0.32398842 4 1  
## 38 -0.219166890 -0.32348431 4 1  
## 39 0.006141106 -0.21275283 4 1  
## 40 -0.003048538 -0.21119617 4 1  
## 41 -0.013061244 -0.21042962 4 1  
## 42 -0.012405519 -0.20965049 4 1  
## 43 -0.011866506 -0.20955912 4 1  
## 44 -0.014516278 -0.20966409 4 1  
## 45 -0.014783523 -0.20853819 4 1  
## 46 -0.014168187 -0.20755542 4 1  
## 47 -0.016451134 -0.20766551 4 1  
## 48 -0.016965715 -0.20754128 4 1  
## 49 -0.017046458 -0.20844898 4 1  
## 50 -0.018360329 -0.20900476 4 1  
## 51 -0.017047243 -0.20796204 4 1  
## 52 -0.553351480 -0.43287564 6 1  
## 53 -0.550364440 -0.42759273 6 1  
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## 177 0.313849470 0.01011299 5 1  
## [ reached 'max' / getOption("max.print") -- omitted 10122 rows ]

1. Extracts only the measurements on the mean and standard deviation for each measure-ment.

columnsWithMeanSTD <- grep(".\*Mean.\*|.\*Std.\*", names(completeData), ignore.case=TRUE)  
requiredColumns <- c(columnsWithMeanSTD, 562, 563)  
dim(completeData)

## [1] 10299 563

extractedData <- completeData[,requiredColumns]  
dim(extractedData)

## [1] 10299 88

1. Uses descriptive activity names to name the activities in the data set

extractedData$Activity <- as.character(extractedData$Activity)  
for (i in 1:6){  
extractedData$Activity[extractedData$Activity == i] <- as.character(activityLabels[i,2])  
}  
extractedData$Activity <- as.factor(extractedData$Activity)  
extractedData$Activity

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## 6 Levels: LAYING SITTING STANDING WALKING ... WALKING\_UPSTAIRS

1. Appropriately labels the data set with descriptive variable names.

names(extractedData)<-gsub("Acc", "Accelerometer", names(extractedData))  
names(extractedData)<-gsub("Gyro", "Gyroscope", names(extractedData))  
names(extractedData)<-gsub("BodyBody", "Body", names(extractedData))  
names(extractedData)<-gsub("Mag", "Magnitude", names(extractedData))  
names(extractedData)<-gsub("^t", "Time", names(extractedData))  
names(extractedData)<-gsub("^f", "Frequency", names(extractedData))  
names(extractedData)<-gsub("tBody", "TimeBody", names(extractedData))  
names(extractedData)<-gsub("-mean()", "Mean", names(extractedData), ignore.case = TRUE)  
names(extractedData)<-gsub("-std()", "STD", names(extractedData), ignore.case = TRUE)  
names(extractedData)<-gsub("-freq()", "Frequency", names(extractedData), ignore.case = TRUE)  
names(extractedData)<-gsub("angle", "Angle", names(extractedData))  
names(extractedData)<-gsub("gravity", "Gravity", names(extractedData))  
names(extractedData)

## [1] "TimeBodyAccelerometerMean()-X"   
## [2] "TimeBodyAccelerometerMean()-Y"   
## [3] "TimeBodyAccelerometerMean()-Z"   
## [4] "TimeBodyAccelerometerSTD()-X"   
## [5] "TimeBodyAccelerometerSTD()-Y"   
## [6] "TimeBodyAccelerometerSTD()-Z"   
## [7] "TimeGravityAccelerometerMean()-X"   
## [8] "TimeGravityAccelerometerMean()-Y"   
## [9] "TimeGravityAccelerometerMean()-Z"   
## [10] "TimeGravityAccelerometerSTD()-X"   
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## [25] "TimeBodyGyroscopeJerkMean()-X"   
## [26] "TimeBodyGyroscopeJerkMean()-Y"   
## [27] "TimeBodyGyroscopeJerkMean()-Z"   
## [28] "TimeBodyGyroscopeJerkSTD()-X"   
## [29] "TimeBodyGyroscopeJerkSTD()-Y"   
## [30] "TimeBodyGyroscopeJerkSTD()-Z"   
## [31] "TimeBodyAccelerometerMagnitudeMean()"   
## [32] "TimeBodyAccelerometerMagnitudeSTD()"   
## [33] "TimeGravityAccelerometerMagnitudeMean()"   
## [34] "TimeGravityAccelerometerMagnitudeSTD()"   
## [35] "TimeBodyAccelerometerJerkMagnitudeMean()"   
## [36] "TimeBodyAccelerometerJerkMagnitudeSTD()"   
## [37] "TimeBodyGyroscopeMagnitudeMean()"   
## [38] "TimeBodyGyroscopeMagnitudeSTD()"   
## [39] "TimeBodyGyroscopeJerkMagnitudeMean()"   
## [40] "TimeBodyGyroscopeJerkMagnitudeSTD()"   
## [41] "FrequencyBodyAccelerometerMean()-X"   
## [42] "FrequencyBodyAccelerometerMean()-Y"   
## [43] "FrequencyBodyAccelerometerMean()-Z"   
## [44] "FrequencyBodyAccelerometerSTD()-X"   
## [45] "FrequencyBodyAccelerometerSTD()-Y"   
## [46] "FrequencyBodyAccelerometerSTD()-Z"   
## [47] "FrequencyBodyAccelerometerMeanFreq()-X"   
## [48] "FrequencyBodyAccelerometerMeanFreq()-Y"   
## [49] "FrequencyBodyAccelerometerMeanFreq()-Z"   
## [50] "FrequencyBodyAccelerometerJerkMean()-X"   
## [51] "FrequencyBodyAccelerometerJerkMean()-Y"   
## [52] "FrequencyBodyAccelerometerJerkMean()-Z"   
## [53] "FrequencyBodyAccelerometerJerkSTD()-X"   
## [54] "FrequencyBodyAccelerometerJerkSTD()-Y"   
## [55] "FrequencyBodyAccelerometerJerkSTD()-Z"   
## [56] "FrequencyBodyAccelerometerJerkMeanFreq()-X"   
## [57] "FrequencyBodyAccelerometerJerkMeanFreq()-Y"   
## [58] "FrequencyBodyAccelerometerJerkMeanFreq()-Z"   
## [59] "FrequencyBodyGyroscopeMean()-X"   
## [60] "FrequencyBodyGyroscopeMean()-Y"   
## [61] "FrequencyBodyGyroscopeMean()-Z"   
## [62] "FrequencyBodyGyroscopeSTD()-X"   
## [63] "FrequencyBodyGyroscopeSTD()-Y"   
## [64] "FrequencyBodyGyroscopeSTD()-Z"   
## [65] "FrequencyBodyGyroscopeMeanFreq()-X"   
## [66] "FrequencyBodyGyroscopeMeanFreq()-Y"   
## [67] "FrequencyBodyGyroscopeMeanFreq()-Z"   
## [68] "FrequencyBodyAccelerometerMagnitudeMean()"   
## [69] "FrequencyBodyAccelerometerMagnitudeSTD()"   
## [70] "FrequencyBodyAccelerometerMagnitudeMeanFreq()"   
## [71] "FrequencyBodyAccelerometerJerkMagnitudeMean()"   
## [72] "FrequencyBodyAccelerometerJerkMagnitudeSTD()"   
## [73] "FrequencyBodyAccelerometerJerkMagnitudeMeanFreq()"  
## [74] "FrequencyBodyGyroscopeMagnitudeMean()"   
## [75] "FrequencyBodyGyroscopeMagnitudeSTD()"   
## [76] "FrequencyBodyGyroscopeMagnitudeMeanFreq()"   
## [77] "FrequencyBodyGyroscopeJerkMagnitudeMean()"   
## [78] "FrequencyBodyGyroscopeJerkMagnitudeSTD()"   
## [79] "FrequencyBodyGyroscopeJerkMagnitudeMeanFreq()"   
## [80] "Angle(TimeBodyAccelerometerMean,Gravity)"   
## [81] "Angle(TimeBodyAccelerometerJerkMean),GravityMean)"  
## [82] "Angle(TimeBodyGyroscopeMean,GravityMean)"   
## [83] "Angle(TimeBodyGyroscopeJerkMean,GravityMean)"   
## [84] "Angle(X,GravityMean)"   
## [85] "Angle(Y,GravityMean)"   
## [86] "Angle(Z,GravityMean)"   
## [87] "Activity"   
## [88] "Subject"

1. From the data set in step 4, creates a second, independent tidy data set with the average of each variable for each activity and each subject.

library(data.table)  
library(dplyr)

##   
## Attaching package: 'dplyr'

## The following objects are masked from 'package:data.table':  
##   
## between, first, last

## The following objects are masked from 'package:stats':  
##   
## filter, lag

## The following objects are masked from 'package:base':  
##   
## intersect, setdiff, setequal, union

extractedData$Subject <- as.factor(extractedData$Subject)  
extractedData <- data.table(extractedData)  
tidyData <- aggregate(. ~Subject + Activity, extractedData, mean)  
tidyData <- tidyData[order(tidyData$Subject,tidyData$Activity),]  
write.table(tidyData, file = "Tidy.txt", row.names = FALSE)  
tidyData

## Subject Activity TimeBodyAccelerometerMean()-X  
## 1 1 LAYING 0.2215982  
## 31 1 SITTING 0.2612376  
## 61 1 STANDING 0.2789176  
## 91 1 WALKING 0.2773308  
## 121 1 WALKING\_DOWNSTAIRS 0.2891883  
## 151 1 WALKING\_UPSTAIRS 0.2554617  
## 2 2 LAYING 0.2813734  
## 32 2 SITTING 0.2770874  
## 62 2 STANDING 0.2779115  
## 92 2 WALKING 0.2764266  
## 122 2 WALKING\_DOWNSTAIRS 0.2776153  
## 152 2 WALKING\_UPSTAIRS 0.2471648  
## 3 3 LAYING 0.2755169  
## 33 3 SITTING 0.2571976  
## 63 3 STANDING 0.2800465  
## 93 3 WALKING 0.2755675  
## 123 3 WALKING\_DOWNSTAIRS 0.2924235  
## 153 3 WALKING\_UPSTAIRS 0.2608199  
## 4 4 LAYING 0.2635592  
## 34 4 SITTING 0.2715383  
## 64 4 STANDING 0.2804997  
## 94 4 WALKING 0.2785820  
## 124 4 WALKING\_DOWNSTAIRS 0.2799653  
## 154 4 WALKING\_UPSTAIRS 0.2708767  
## 5 5 LAYING 0.2783343  
## 35 5 SITTING 0.2736941  
## 65 5 STANDING 0.2825444  
## 95 5 WALKING 0.2778423  
## 125 5 WALKING\_DOWNSTAIRS 0.2935439  
## 155 5 WALKING\_UPSTAIRS 0.2684595  
## 6 6 LAYING 0.2486565  
## 36 6 SITTING 0.2767785  
## 66 6 STANDING 0.2803462  
## 96 6 WALKING 0.2836589  
## 126 6 WALKING\_DOWNSTAIRS 0.2770453  
## 156 6 WALKING\_UPSTAIRS 0.2682294  
## 7 7 LAYING 0.2501767  
## 37 7 SITTING 0.2846746  
## 67 7 STANDING 0.2827235  
## 97 7 WALKING 0.2755930  
## 127 7 WALKING\_DOWNSTAIRS 0.2803071  
## 157 7 WALKING\_UPSTAIRS 0.2487069  
## 8 8 LAYING 0.2612543  
## 38 8 SITTING 0.2674915  
## 68 8 STANDING 0.2796210  
## 98 8 WALKING 0.2746863  
## 128 8 WALKING\_DOWNSTAIRS 0.2834841  
## 158 8 WALKING\_UPSTAIRS 0.2588802  
## 9 9 LAYING 0.2591955  
## 39 9 SITTING 0.2483267  
## 69 9 STANDING 0.2823101  
## 99 9 WALKING 0.2785028  
## 129 9 WALKING\_DOWNSTAIRS 0.2959234  
## 159 9 WALKING\_UPSTAIRS 0.2624365  
## 10 10 LAYING 0.2802306  
## 40 10 SITTING 0.2706121  
## 70 10 STANDING 0.2766503  
## 100 10 WALKING 0.2785741  
## 130 10 WALKING\_DOWNSTAIRS 0.2904016  
## 160 10 WALKING\_UPSTAIRS 0.2671219  
## 11 11 LAYING 0.2805930  
## 41 11 SITTING 0.2765902  
## 71 11 STANDING 0.2777156  
## 101 11 WALKING 0.2718219  
## 131 11 WALKING\_DOWNSTAIRS 0.2916056  
## 161 11 WALKING\_UPSTAIRS 0.2637759  
## 12 12 LAYING 0.2601134  
## 42 12 SITTING 0.2750072  
## 72 12 STANDING 0.2774058  
## 102 12 WALKING 0.2771287  
## 132 12 WALKING\_DOWNSTAIRS 0.2815211  
## 162 12 WALKING\_UPSTAIRS 0.2729703  
## 13 13 LAYING 0.2767164  
## 43 13 SITTING 0.2743285  
## 73 13 STANDING 0.2777584  
## 103 13 WALKING 0.2758831  
## 133 13 WALKING\_DOWNSTAIRS 0.2949076  
## 163 13 WALKING\_UPSTAIRS 0.2582039  
## 14 14 LAYING 0.2332754  
## 44 14 SITTING 0.2799906  
## 74 14 STANDING 0.2805456  
## 104 14 WALKING 0.2719596  
## 134 14 WALKING\_DOWNSTAIRS 0.2934221  
## 164 14 WALKING\_UPSTAIRS 0.2624211  
## 15 15 LAYING 0.2894757  
## 45 15 SITTING 0.2729034  
## 75 15 STANDING 0.2789158  
## 105 15 WALKING 0.2738992  
## 135 15 WALKING\_DOWNSTAIRS 0.2801989  
## 165 15 WALKING\_UPSTAIRS 0.2701876  
## 16 16 LAYING 0.2742272  
## 46 16 SITTING 0.2807686  
## 76 16 STANDING 0.2834974  
## 106 16 WALKING 0.2760236  
## 136 16 WALKING\_DOWNSTAIRS 0.2955868  
## 166 16 WALKING\_UPSTAIRS 0.2559861  
## 17 17 LAYING 0.2697801  
## 47 17 SITTING 0.2773570  
## 77 17 STANDING 0.2779425  
## 107 17 WALKING 0.2723419  
## 137 17 WALKING\_DOWNSTAIRS 0.2939183  
## 167 17 WALKING\_UPSTAIRS 0.2526048  
## 18 18 LAYING 0.2746916  
## 48 18 SITTING 0.2772700  
## 78 18 STANDING 0.2784588  
## 108 18 WALKING 0.2738878  
## 138 18 WALKING\_DOWNSTAIRS 0.2884395  
## 168 18 WALKING\_UPSTAIRS 0.2654012  
## 19 19 LAYING 0.2726537  
## 49 19 SITTING 0.2738303  
## 79 19 STANDING 0.2781723  
## 109 19 WALKING 0.2739312  
## 139 19 WALKING\_DOWNSTAIRS 0.2626881  
## 169 19 WALKING\_UPSTAIRS 0.2421188  
## 20 20 LAYING 0.2395079  
## 50 20 SITTING 0.2780454  
## 80 20 STANDING 0.2780769  
## 110 20 WALKING 0.2725893  
## 140 20 WALKING\_DOWNSTAIRS 0.2961444  
## 170 20 WALKING\_UPSTAIRS 0.2520983  
## 21 21 LAYING 0.2713255  
## 51 21 SITTING 0.2775396  
## 81 21 STANDING 0.2769522  
## 111 21 WALKING 0.2791835  
## 141 21 WALKING\_DOWNSTAIRS 0.3014610  
## 171 21 WALKING\_UPSTAIRS 0.2651945  
## 22 22 LAYING 0.2799597  
## 52 22 SITTING 0.2735838  
## 82 22 STANDING 0.2790539  
## 112 22 WALKING 0.2788646  
## 142 22 WALKING\_DOWNSTAIRS 0.2844590  
## 172 22 WALKING\_UPSTAIRS 0.2483915  
## 23 23 LAYING 0.2740380  
## 53 23 SITTING 0.2733513  
## 83 23 STANDING 0.2778993  
## 113 23 WALKING 0.2732119  
## 143 23 WALKING\_DOWNSTAIRS 0.2898974  
## 173 23 WALKING\_UPSTAIRS 0.2499952  
## 24 24 LAYING 0.2728505  
## 54 24 SITTING 0.2734757  
## 84 24 STANDING 0.2803489  
## 114 24 WALKING 0.2769808  
## 144 24 WALKING\_DOWNSTAIRS 0.2886312  
## 174 24 WALKING\_UPSTAIRS 0.2698811  
## 25 25 LAYING 0.2507918  
## 55 25 SITTING 0.2785415  
## 85 25 STANDING 0.2780137  
## 115 25 WALKING 0.2789928  
## 145 25 WALKING\_DOWNSTAIRS 0.2913297  
## 175 25 WALKING\_UPSTAIRS 0.2779954  
## 26 26 LAYING 0.2716459  
## 56 26 SITTING 0.2582435  
## 86 26 STANDING 0.2811270  
## 116 26 WALKING 0.2792644  
## 146 26 WALKING\_DOWNSTAIRS 0.2792846  
## 176 26 WALKING\_UPSTAIRS 0.2726914  
## 27 27 LAYING 0.2741025  
## 57 27 SITTING 0.2739413  
## 87 27 STANDING 0.2795669  
## 117 27 WALKING 0.2768495  
## 147 27 WALKING\_DOWNSTAIRS 0.2975442  
## 177 27 WALKING\_UPSTAIRS 0.2657703  
## 28 28 LAYING 0.2759135  
## 58 28 SITTING 0.2769776  
## 88 28 STANDING 0.2777951  
## 118 28 WALKING 0.2812282  
## 148 28 WALKING\_DOWNSTAIRS 0.2936421  
## 178 28 WALKING\_UPSTAIRS 0.2620058  
## 29 29 LAYING 0.2872952  
## 59 29 SITTING 0.2771800  
## 89 29 STANDING 0.2779651  
## 119 29 WALKING 0.2719999  
## 149 29 WALKING\_DOWNSTAIRS 0.2931404  
## 179 29 WALKING\_UPSTAIRS 0.2654231  
## 30 30 LAYING 0.2810339  
## 60 30 SITTING 0.2683361  
## 90 30 STANDING 0.2771127  
## 120 30 WALKING 0.2764068  
## 150 30 WALKING\_DOWNSTAIRS 0.2831906  
## 180 30 WALKING\_UPSTAIRS 0.2714156  
## TimeBodyAccelerometerMean()-Y TimeBodyAccelerometerMean()-Z  
## 1 -0.040513953 -0.11320355  
## 31 -0.001308288 -0.10454418  
## 61 -0.016137590 -0.11060182  
## 91 -0.017383819 -0.11114810  
## 121 -0.009918505 -0.10756619  
## 151 -0.023953149 -0.09730200  
## 2 -0.018158740 -0.10724561  
## 32 -0.015687994 -0.10921827  
## 62 -0.018420827 -0.10590854  
## 92 -0.018594920 -0.10550036  
## 122 -0.022661416 -0.11681294  
## 152 -0.021412113 -0.15251390  
## 3 -0.018955679 -0.10130048  
## 33 -0.003502998 -0.09835792  
## 63 -0.014337656 -0.10162172  
## 93 -0.017176784 -0.11267486  
## 123 -0.019355408 -0.11613984  
## 153 -0.032410941 -0.11006486  
## 4 -0.015003184 -0.11068815  
## 34 -0.007163065 -0.10587460  
## 64 -0.009489111 -0.09615749  
## 94 -0.014839948 -0.11140306  
## 124 -0.009802009 -0.10677752  
## 154 -0.031980430 -0.11421946  
## 5 -0.018304212 -0.10793760  
## 35 -0.009900835 -0.10854030  
## 65 -0.007004186 -0.10217110  
## 95 -0.017285032 -0.10774178  
## 125 -0.008501075 -0.10031993  
## 155 -0.032526976 -0.10747145  
## 6 -0.010252917 -0.13311957  
## 36 -0.014591162 -0.11012773  
## 66 -0.018123633 -0.11217283  
## 96 -0.016895419 -0.11030317  
## 126 -0.019536840 -0.10720936  
## 156 -0.027242539 -0.12208244  
## 7 -0.020441152 -0.10136104  
## 37 -0.014610976 -0.12246460  
## 67 -0.014574034 -0.09977783  
## 97 -0.018653665 -0.11091223  
## 127 -0.016633237 -0.09693831  
## 157 -0.027563901 -0.14376969  
## 8 -0.021228173 -0.10224537  
## 38 -0.006725506 -0.10446105  
## 68 -0.014811307 -0.10611500  
## 98 -0.018662887 -0.10725209  
## 128 -0.021105867 -0.10759814  
## 158 -0.028241514 -0.11512212  
## 9 -0.020526822 -0.10754972  
## 39 -0.027016777 -0.07537847  
## 69 -0.020045495 -0.09527475  
## 99 -0.018089197 -0.11082051  
## 129 -0.020399427 -0.09102788  
## 159 -0.019510110 -0.12521900  
## 10 -0.024294484 -0.11716864  
## 40 -0.015042682 -0.10425324  
## 70 -0.015541860 -0.10796408  
## 100 -0.017022351 -0.10905751  
## 130 -0.020005077 -0.11084860  
## 160 -0.014385492 -0.11818042  
## 11 -0.017659805 -0.10878658  
## 41 -0.014919562 -0.11284022  
## 71 -0.017199089 -0.10868663  
## 101 -0.016647583 -0.10609630  
## 131 -0.017809772 -0.11107015  
## 161 -0.030315782 -0.10679722  
## 12 -0.017520392 -0.10816013  
## 42 -0.015789299 -0.10630723  
## 72 -0.016900254 -0.10552700  
## 102 -0.015560928 -0.10316111  
## 132 -0.018084267 -0.10955593  
## 162 -0.026357490 -0.10733973  
## 13 -0.020440454 -0.10433186  
## 43 -0.005877329 -0.09724651  
## 73 -0.016789199 -0.11212414  
## 103 -0.018566065 -0.11143146  
## 133 -0.014372384 -0.10199394  
## 163 -0.027739225 -0.12576727  
## 14 -0.011342465 -0.08683333  
## 44 -0.008705655 -0.10040149  
## 74 -0.015207813 -0.10381770  
## 104 -0.021778538 -0.10675637  
## 134 -0.020014141 -0.09283302  
## 164 -0.020438818 -0.11227969  
## 15 -0.016629654 -0.11853024  
## 45 -0.011718847 -0.11366125  
## 75 -0.018351636 -0.10591083  
## 105 -0.017080974 -0.10762182  
## 135 -0.005630478 -0.11052607  
## 165 -0.028752386 -0.11695246  
## 16 -0.016610351 -0.10731049  
## 46 -0.010249794 -0.08914040  
## 76 -0.016599967 -0.10365773  
## 106 -0.020428693 -0.10880405  
## 136 -0.018389858 -0.11987371  
## 166 -0.014365495 -0.12407452  
## 17 -0.016846201 -0.10700628  
## 47 -0.014156274 -0.11362409  
## 77 -0.017412006 -0.11143215  
## 107 -0.018487540 -0.10979212  
## 137 -0.016735940 -0.08924327  
## 167 -0.022864561 -0.12129044  
## 18 -0.017393768 -0.10769893  
## 48 -0.012869128 -0.11190478  
## 78 -0.016635352 -0.10845336  
## 108 -0.017802363 -0.10421832  
## 138 -0.016866692 -0.10339081  
## 168 -0.022206068 -0.11265589  
## 19 -0.017142686 -0.10898146  
## 49 -0.016739260 -0.10870765  
## 79 -0.015424406 -0.10904190  
## 109 -0.019177359 -0.12273667  
## 139 -0.014594228 -0.13369524  
## 169 -0.030398662 -0.15105461  
## 20 -0.014440628 -0.10427432  
## 50 -0.014722931 -0.10836963  
## 80 -0.018069505 -0.10040276  
## 110 -0.021199992 -0.11353948  
## 140 -0.009641208 -0.10460293  
## 170 -0.028225805 -0.12102395  
## 21 -0.018423305 -0.10325383  
## 51 -0.014400971 -0.11205789  
## 81 -0.016708473 -0.11041786  
## 111 -0.018161032 -0.10431933  
## 141 -0.017319539 -0.09816866  
## 171 -0.023721870 -0.12541427  
## 22 -0.014262986 -0.11080092  
## 52 -0.012346845 -0.10582737  
## 82 -0.015856321 -0.10496742  
## 112 -0.016721361 -0.10711251  
## 142 -0.019799937 -0.10741578  
## 172 -0.026862256 -0.11755086  
## 23 -0.021655384 -0.10425678  
## 53 -0.013394502 -0.10380868  
## 83 -0.017747555 -0.11059702  
## 113 -0.018361871 -0.11338299  
## 143 -0.016211146 -0.09881237  
## 173 -0.032384403 -0.12689062  
## 24 -0.017355521 -0.10723624  
## 54 -0.013125510 -0.10304106  
## 84 -0.014478534 -0.10822255  
## 114 -0.022544640 -0.11059595  
## 144 -0.014573035 -0.10481882  
## 174 -0.025197943 -0.11424861  
## 25 -0.018894366 -0.10042883  
## 55 -0.014769681 -0.10916044  
## 85 -0.016356973 -0.10735296  
## 115 -0.018647762 -0.10873764  
## 145 -0.021017052 -0.10719238  
## 175 -0.026986352 -0.12621044  
## 26 -0.019189573 -0.10500254  
## 56 -0.007133645 -0.09744487  
## 86 -0.016660831 -0.11023780  
## 116 -0.015425959 -0.10892701  
## 146 -0.012625810 -0.10643962  
## 176 -0.028163380 -0.12194346  
## 27 -0.017986761 -0.10769973  
## 57 -0.015526980 -0.10552191  
## 87 -0.016593236 -0.10783582  
## 117 -0.016647878 -0.11282229  
## 147 -0.013556447 -0.11283769  
## 177 -0.020095332 -0.12353044  
## 28 -0.016753786 -0.10834485  
## 58 -0.018540444 -0.11151794  
## 88 -0.017263512 -0.10657939  
## 118 -0.015675972 -0.10371471  
## 148 -0.022023047 -0.10858897  
## 178 -0.027944394 -0.12151403  
## 29 -0.017196548 -0.10946207  
## 59 -0.016630680 -0.11041182  
## 89 -0.017260587 -0.10865907  
## 119 -0.016291560 -0.10663243  
## 149 -0.014941215 -0.09813400  
## 179 -0.029946531 -0.11800059  
## 30 -0.019449410 -0.10365815  
## 60 -0.008047313 -0.09951545  
## 90 -0.017016389 -0.10875621  
## 120 -0.017588039 -0.09862471  
## 150 -0.017438390 -0.09997814  
## 180 -0.025331170 -0.12469749  
## TimeBodyAccelerometerSTD()-X TimeBodyAccelerometerSTD()-Y  
## 1 -0.928056469 -0.836827406  
## 31 -0.977229008 -0.922618642  
## 61 -0.995759902 -0.973190056  
## 91 -0.283740259 0.114461337  
## 121 0.030035338 -0.031935943  
## 151 -0.354708025 -0.002320265  
## 2 -0.974059465 -0.980277399  
## 32 -0.986822280 -0.950704499  
## 62 -0.987271889 -0.957304989  
## 92 -0.423642838 -0.078091253  
## 122 0.046366681 0.262881789  
## 152 -0.304376406 0.108027280  
## 3 -0.982776639 -0.962057545  
## 33 -0.971010121 -0.856617812  
## 63 -0.966742543 -0.893449307  
## 93 -0.360356726 -0.069914065  
## 123 -0.057410048 -0.033150372  
## 153 -0.313123438 0.011628081  
## 4 -0.954193739 -0.941714042  
## 34 -0.980309931 -0.890223981  
## 64 -0.976920580 -0.861597379  
## 94 -0.440829971 -0.078826737  
## 124 0.011193550 -0.218598325  
## 154 -0.204933043 -0.066689911  
## 5 -0.965934510 -0.969295613  
## 35 -0.980945022 -0.904335121  
## 65 -0.968591816 -0.869439913  
## 95 -0.294098534 0.076748403  
## 125 0.275046110 0.090763076  
## 155 -0.045723778 0.185022459  
## 6 -0.934049422 -0.924644826  
## 36 -0.980164934 -0.923682131  
## 66 -0.981758160 -0.921493192  
## 96 -0.296538717 0.164213885  
## 126 0.383681640 0.360164959  
## 156 -0.050135019 0.189276117  
## 7 -0.936513610 -0.926262669  
## 37 -0.972668375 -0.909454699  
## 67 -0.979307570 -0.923400922  
## 97 -0.327243241 -0.077261856  
## 127 0.066081560 -0.138179073  
## 157 -0.294872974 -0.326160023  
## 8 -0.943041215 -0.934891160  
## 38 -0.979026152 -0.927331997  
## 68 -0.988815418 -0.938479429  
## 98 -0.173605736 0.380782053  
## 128 0.024139347 0.343826273  
## 158 -0.171712175 0.348768733  
## 9 -0.942333090 -0.916292776  
## 39 -0.957227791 -0.875141405  
## 69 -0.975741252 -0.938635759  
## 99 -0.238353563 -0.201696961  
## 129 0.213392271 -0.208310706  
## 159 -0.361444378 -0.302206204  
## 10 -0.968283685 -0.946454302  
## 40 -0.982901826 -0.917979530  
## 70 -0.978403482 -0.919561843  
## 100 -0.178709734 -0.022743165  
## 130 0.295733548 0.004079154  
## 160 -0.161591924 -0.005552877  
## 11 -0.984777330 -0.972196874  
## 41 -0.982796562 -0.921402118  
## 71 -0.994978879 -0.964173332  
## 101 -0.422842072 -0.052212075  
## 131 0.142456557 0.070812273  
## 161 -0.238802959 -0.103167502  
## 12 -0.955318680 -0.949072009  
## 42 -0.982568782 -0.928581240  
## 72 -0.981243992 -0.923140254  
## 102 -0.128898533 -0.122783290  
## 132 0.042408492 0.110835344  
## 162 -0.290149192 -0.103818260  
## 13 -0.968891989 -0.950947950  
## 43 -0.989546275 -0.938967742  
## 73 -0.991020759 -0.949422439  
## 103 -0.346980394 0.141866689  
## 133 -0.068156363 -0.032125247  
## 163 -0.296284597 0.104470774  
## 14 -0.917501887 -0.909697041  
## 44 -0.976302248 -0.914935704  
## 74 -0.973268905 -0.928525725  
## 104 -0.402639098 -0.053612669  
## 134 0.017831340 0.378870492  
## 164 -0.309396718 0.307195533  
## 15 -0.972255552 -0.962759422  
## 45 -0.987084356 -0.922407163  
## 75 -0.988949247 -0.931900148  
## 105 -0.327961801 0.138912924  
## 135 0.406471051 0.186532377  
## 165 -0.026097184 -0.004065360  
## 16 -0.973691429 -0.943061150  
## 46 -0.986825605 -0.951607872  
## 76 -0.989076812 -0.960298268  
## 106 -0.404692524 -0.314569762  
## 136 0.207251998 -0.146993838  
## 166 -0.397083832 -0.163732745  
## 17 -0.972960567 -0.944792875  
## 47 -0.994443905 -0.961858630  
## 77 -0.991163920 -0.968176664  
## 107 -0.319500173 -0.017579789  
## 137 0.187719760 -0.060789204  
## 167 -0.062952754 -0.013172101  
## 18 -0.984527649 -0.986160921  
## 48 -0.994347989 -0.974928131  
## 78 -0.992019763 -0.954223436  
## 108 -0.376005521 -0.227005875  
## 138 -0.302634565 -0.254214046  
## 168 -0.380168287 -0.211155120  
## 19 -0.965019580 -0.973449969  
## 49 -0.976357663 -0.950388944  
## 79 -0.989910997 -0.944430271  
## 109 -0.048904941 0.181801561  
## 139 0.626917071 0.514816446  
## 169 -0.128742095 0.176349923  
## 20 -0.962249115 -0.964098180  
## 50 -0.983081859 -0.936122705  
## 80 -0.967209961 -0.875410411  
## 110 -0.208342792 0.489771809  
## 140 0.074509879 0.616937015  
## 170 -0.116088676 0.152196328  
## 21 -0.955019866 -0.956959422  
## 51 -0.991777287 -0.966877561  
## 81 -0.981419961 -0.943601625  
## 111 -0.297814844 0.054088051  
## 141 0.224343492 0.301336400  
## 171 -0.240808282 0.109787469  
## 22 -0.947735252 -0.913276302  
## 52 -0.978466824 -0.928059134  
## 82 -0.985000527 -0.922693288  
## 112 -0.008659219 0.100384246  
## 142 0.348618168 0.239812251  
## 172 0.083573864 0.250067524  
## 23 -0.956756363 -0.976309827  
## 53 -0.987607637 -0.934933559  
## 83 -0.985421520 -0.958444492  
## 113 -0.313521773 -0.119020587  
## 143 0.044139284 0.108259034  
## 173 -0.243887819 0.044843579  
## 24 -0.967984021 -0.983126462  
## 54 -0.990593767 -0.956255962  
## 84 -0.987255871 -0.936871974  
## 114 -0.470762366 -0.154127498  
## 144 -0.082732481 -0.102607327  
## 174 -0.344399351 -0.116804489  
## 25 -0.909116474 -0.691770681  
## 55 -0.991892829 -0.947457617  
## 85 -0.991970127 -0.954569226  
## 115 -0.596007444 -0.161852412  
## 145 -0.253756934 -0.140540604  
## 175 -0.459775646 -0.223086809  
## 26 -0.969445445 -0.983231352  
## 56 -0.979768988 -0.940798966  
## 86 -0.993069369 -0.949466155  
## 116 -0.340185528 -0.136351392  
## 146 0.173953850 -0.011629910  
## 176 -0.169006952 -0.049172630  
## 27 -0.978455153 -0.983736044  
## 57 -0.988580108 -0.971579126  
## 87 -0.991951584 -0.955171419  
## 117 -0.348475561 -0.187301215  
## 147 0.167407531 -0.097971003  
## 177 -0.295439547 -0.095010408  
## 28 -0.968888295 -0.945386780  
## 58 -0.983272807 -0.939905245  
## 88 -0.977748639 -0.875689217  
## 118 -0.293003522 -0.117886186  
## 148 0.125712888 0.156496647  
## 178 -0.242062430 -0.146753877  
## 29 -0.984219556 -0.990240947  
## 59 -0.990745020 -0.963222498  
## 89 -0.996068635 -0.969295721  
## 119 -0.174337940 -0.091754061  
## 149 0.167383602 -0.122463467  
## 179 -0.086771557 -0.122128288  
## 30 -0.976362515 -0.954201824  
## 60 -0.983622744 -0.937857001  
## 90 -0.977559427 -0.891654527  
## 120 -0.346394275 -0.173550022  
## 150 -0.057770316 -0.027262808  
## 180 -0.350504475 -0.127311158  
## TimeBodyAccelerometerSTD()-Z TimeGravityAccelerometerMean()-X  
## 1 -0.82606140 -0.2488818  
## 31 -0.93958629 0.8315099  
## 61 -0.97977588 0.9429520  
## 91 -0.26002790 0.9352232  
## 121 -0.23043421 0.9318744  
## 151 -0.01947924 0.8933511  
## 2 -0.98423330 -0.5097542  
## 32 -0.95982817 0.9404773  
## 62 -0.94974185 0.8969286  
## 92 -0.42525752 0.9130173  
## 122 -0.10283791 0.8618313  
## 152 -0.11212102 0.7907174  
## 3 -0.96369103 -0.2417585  
## 33 -0.87511018 0.9010990  
## 63 -0.91141902 0.9350308  
## 93 -0.38741199 0.9365067  
## 123 -0.36224025 0.9390578  
## 153 -0.36975460 0.8835334  
## 4 -0.96266731 -0.4206647  
## 34 -0.93220301 0.8693030  
## 64 -0.89688054 0.9561978  
## 94 -0.58625281 0.9639997  
## 124 -0.47918598 0.9477319  
## 154 -0.37213778 0.9462643  
## 5 -0.96856252 -0.4834706  
## 35 -0.92609474 0.8807314  
## 65 -0.86932732 0.9601887  
## 95 -0.45702144 0.9726250  
## 125 -0.32589144 0.9566494  
## 155 -0.30893898 0.9368218  
## 6 -0.92521610 -0.4767099  
## 36 -0.92579710 0.9336929  
## 66 -0.92569237 0.9451390  
## 96 -0.50432421 0.9580675  
## 126 -0.32020423 0.9285315  
## 156 -0.35351951 0.9136322  
## 7 -0.95297837 -0.5028143  
## 37 -0.85653294 0.9691478  
## 67 -0.91706417 0.9587287  
## 97 0.15963128 0.9325665  
## 127 -0.06364024 0.9306236  
## 157 -0.14566503 0.8187466  
## 8 -0.93249145 -0.4059300  
## 38 -0.93955303 0.8324539  
## 68 -0.92606526 0.9576699  
## 98 -0.14208853 0.9135863  
## 128 0.13371704 0.9140235  
## 158 0.12118728 0.8603687  
## 9 -0.94070729 -0.5802528  
## 39 -0.83200187 0.9163245  
## 69 -0.91929581 0.9613235  
## 99 -0.05796365 0.9518671  
## 129 -0.00771530 0.9384178  
## 159 -0.25343408 0.9026478  
## 10 -0.95947149 -0.4530697  
## 40 -0.96782698 0.7918872  
## 70 -0.94127144 0.9540088  
## 100 -0.39564507 0.9630921  
## 130 -0.18355756 0.9398074  
## 160 -0.07387449 0.9318610  
## 11 -0.97131118 -0.1348320  
## 41 -0.96837018 0.8719638  
## 71 -0.98638271 0.9564645  
## 101 -0.53062631 0.9464685  
## 131 -0.32402694 0.9417464  
## 161 -0.20336940 0.8926262  
## 12 -0.94833384 -0.3785921  
## 42 -0.93966189 0.9262290  
## 72 -0.92068480 0.9573178  
## 102 -0.41060606 0.9668735  
## 132 -0.42501741 0.9498620  
## 162 -0.43669743 0.9383715  
## 13 -0.95039300 -0.1568522  
## 43 -0.93864122 0.9255765  
## 73 -0.96753803 0.9426953  
## 103 -0.22050354 0.9108557  
## 133 -0.15833315 0.9418756  
## 163 -0.21721057 0.8476343  
## 14 -0.90033192 -0.1454836  
## 44 -0.92277484 0.9390388  
## 74 -0.92227631 0.8753196  
## 104 0.05188410 0.8029740  
## 134 0.45157608 0.8162964  
## 164 0.60901788 0.6882561  
## 15 -0.92958684 -0.1719931  
## 45 -0.94933803 0.8903643  
## 75 -0.95167026 0.9655289  
## 105 -0.51893263 0.9515244  
## 135 -0.28198218 0.9323022  
## 165 -0.37971749 0.9185448  
## 16 -0.96549028 -0.2067837  
## 46 -0.93967225 0.9424574  
## 76 -0.95346896 0.9415877  
## 106 -0.15979979 0.9259813  
## 136 0.01143539 0.9178184  
## 166 -0.12928383 0.8268743  
## 17 -0.95347670 -0.1991331  
## 47 -0.96572920 0.9448837  
## 77 -0.97046268 0.9046785  
## 107 -0.26582449 0.9281124  
## 137 -0.23106416 0.9288176  
## 167 -0.23022095 0.8535306  
## 18 -0.98765866 -0.2206005  
## 48 -0.97757272 0.9098165  
## 78 -0.96187391 0.9475732  
## 108 -0.42834806 0.9238652  
## 138 -0.41861013 0.9322775  
## 168 -0.31437339 0.8833303  
## 19 -0.98467284 -0.6800432  
## 49 -0.95192962 0.5813715  
## 79 -0.95259965 0.9440458  
## 109 -0.13947794 0.9352226  
## 139 0.04932245 0.8819409  
## 169 -0.19046855 0.8294284  
## 20 -0.97257200 -0.4724314  
## 50 -0.92910640 0.9244545  
## 80 -0.91314248 0.9112318  
## 110 -0.22873422 0.8999652  
## 140 -0.16093854 0.9197266  
## 170 -0.22924946 0.7770957  
## 21 -0.94565379 -0.1743492  
## 51 -0.95956786 0.9400314  
## 81 -0.94612341 0.8812133  
## 111 -0.16868873 0.8625248  
## 141 -0.07178936 0.8726832  
## 171 -0.21970793 0.7811772  
## 22 -0.94294581 -0.4184946  
## 52 -0.91756485 0.8393059  
## 82 -0.94220166 0.9540643  
## 112 -0.21335197 0.9360964  
## 142 -0.32572272 0.9218206  
## 172 -0.10961322 0.8894544  
## 23 -0.97322350 -0.3915650  
## 53 -0.90558439 0.9365092  
## 83 -0.92940975 0.9198571  
## 113 0.16422069 0.9398097  
## 143 0.22989874 0.9237114  
## 173 0.10080119 0.8434388  
## 24 -0.97356696 -0.3592925  
## 54 -0.95705611 0.9196376  
## 84 -0.93028353 0.9664423  
## 114 -0.28884002 0.9597011  
## 144 -0.20556638 0.9508834  
## 174 -0.25560101 0.9063695  
## 25 -0.71726200 -0.4611025  
## 55 -0.96513955 0.8656861  
## 85 -0.96464269 0.9297947  
## 115 -0.43713340 0.9374831  
## 145 -0.45797238 0.9296275  
## 175 -0.29652398 0.9276932  
## 26 -0.98450001 -0.6213097  
## 56 -0.95000441 0.7829556  
## 86 -0.96298840 0.9654609  
## 116 -0.33348650 0.9606478  
## 146 -0.28480768 0.9467973  
## 176 -0.40459694 0.9420953  
## 27 -0.98663700 -0.5304346  
## 57 -0.96585874 0.8394647  
## 87 -0.96240844 0.9653515  
## 117 -0.29731827 0.9447593  
## 147 -0.24004078 0.9313802  
## 177 -0.23070788 0.8680003  
## 28 -0.95645034 -0.4903345  
## 58 -0.93666725 0.9073313  
## 88 -0.90512382 0.9485148  
## 118 -0.30092840 0.9429303  
## 148 -0.34103181 0.9292917  
## 178 -0.28598691 0.8545082  
## 29 -0.98725515 -0.3467898  
## 59 -0.96806388 0.8915638  
## 89 -0.98020749 0.9745087  
## 119 -0.24282804 0.9623744  
## 149 -0.22317800 0.9484862  
## 179 0.09954435 0.9292590  
## 30 -0.96704424 -0.3447378  
## 60 -0.95065404 0.8254738  
## 90 -0.91285060 0.9685567  
## 120 -0.12047678 0.9652176  
## 150 -0.21727569 0.9580005  
## 180 0.02494680 0.9318298  
## TimeGravityAccelerometerMean()-Y TimeGravityAccelerometerMean()-Z  
## 1 0.705549773 0.445817720  
## 31 0.204411593 0.332043703  
## 61 -0.272983832 0.013490582  
## 91 -0.282165021 -0.068102864  
## 121 -0.266610339 -0.062119959  
## 151 -0.362153364 -0.075402940  
## 2 0.752536639 0.646834880  
## 32 -0.105630024 0.198726769  
## 62 -0.370062697 0.129747161  
## 92 -0.346607090 0.084727087  
## 122 -0.325780101 -0.043889016  
## 152 -0.416214890 -0.195888239  
## 3 0.837032100 0.488703185  
## 33 0.127303379 0.139020582  
## 63 -0.301735130 0.024763107  
## 93 -0.261986358 -0.138107866  
## 123 -0.228829214 -0.102352758  
## 153 -0.382851154 -0.162943955  
## 4 0.915165104 0.341531311  
## 34 0.211622540 0.110120481  
## 64 -0.075900906 0.166893826  
## 94 -0.085854027 0.127764113  
## 124 -0.062085277 0.148714809  
## 154 -0.232944305 0.084167538  
## 5 0.954890346 0.263644692  
## 35 0.168445524 0.143006858  
## 65 -0.038710127 0.138638437  
## 95 -0.100440285 0.002476236  
## 125 -0.060757832 0.021677791  
## 155 -0.265942569 -0.023203536  
## 6 0.956593814 0.175867709  
## 36 0.068262866 0.069521966  
## 66 -0.230251036 0.013919347  
## 96 -0.214694852 0.033188883  
## 126 -0.214046334 -0.003079817  
## 156 -0.340732609 -0.018460896  
## 7 0.393444278 0.907537823  
## 37 0.006088466 0.064963625  
## 67 -0.117607049 -0.051657372  
## 97 -0.159097004 -0.160846924  
## 127 -0.129871673 -0.154935539  
## 157 -0.240950944 -0.403599710  
## 8 0.589922435 0.719831539  
## 38 0.240095117 0.263895186  
## 68 -0.090460349 -0.097939202  
## 98 -0.217102195 -0.186267837  
## 128 -0.187610243 -0.141817935  
## 158 -0.291341492 -0.192306961  
## 9 -0.119154196 0.957873042  
## 39 -0.041425823 0.085263099  
## 69 -0.010383816 0.009147692  
## 99 -0.031434174 -0.115856121  
## 129 -0.035230465 -0.082276175  
## 159 -0.037794782 -0.266009867  
## 10 -0.139297681 -0.031121624  
## 40 -0.041260775 0.202534573  
## 70 -0.043159783 0.034698021  
## 100 -0.083827701 0.054927624  
## 130 -0.064616077 0.041871541  
## 160 -0.056567028 0.022752770  
## 11 0.943017941 0.112620190  
## 41 0.213716306 0.188531696  
## 71 -0.173082705 0.127198423  
## 101 -0.212045870 0.134053215  
## 131 -0.200321943 0.132371685  
## 161 -0.343576925 0.146633747  
## 12 0.803378835 0.275043198  
## 42 0.083050901 0.088564070  
## 72 -0.218865356 -0.039538277  
## 102 -0.155983450 -0.036084288  
## 132 -0.178702175 -0.056105062  
## 162 -0.259144203 -0.070250382  
## 13 0.656400944 0.598884989  
## 43 0.101769752 0.075777386  
## 73 -0.239943146 -0.052485661  
## 103 -0.283658581 -0.131299719  
## 133 -0.211555113 -0.095082034  
## 163 -0.357404502 -0.207507171  
## 14 0.485396927 0.836562910  
## 44 -0.036453396 -0.094597053  
## 74 -0.226692231 -0.338174889  
## 104 -0.270314823 -0.422495268  
## 134 -0.264254675 -0.392555882  
## 164 -0.322680365 -0.495088720  
## 15 0.899242553 -0.036919291  
## 45 0.210849305 0.002815660  
## 75 -0.164713175 0.064597599  
## 105 -0.233918283 0.075735673  
## 135 -0.167462317 0.078882241  
## 165 -0.314961013 0.081180341  
## 16 -0.019927023 0.893884469  
## 46 -0.086588254 0.089268220  
## 76 -0.057886704 -0.166737468  
## 106 -0.066824647 -0.217351194  
## 136 -0.058483268 -0.225382496  
## 166 -0.080592603 -0.379059698  
## 17 0.658792072 0.722657502  
## 47 -0.002814673 -0.135803882  
## 77 -0.257486818 -0.202687757  
## 107 -0.179927383 -0.190265950  
## 137 -0.151077058 -0.160962986  
## 167 -0.284153753 -0.298171464  
## 18 0.719755404 0.605495318  
## 48 0.129886476 0.161877418  
## 78 -0.204206321 -0.048576711  
## 108 -0.254317086 -0.060931342  
## 138 -0.225809125 -0.049363673  
## 168 -0.316619946 -0.106112549  
## 19 0.725646623 0.687623853  
## 49 0.360343535 0.489126595  
## 79 -0.223897808 0.130643718  
## 109 -0.223338100 -0.089842880  
## 139 -0.215018042 -0.126146869  
## 169 -0.387100709 -0.221008763  
## 20 0.864882957 0.477573305  
## 50 0.073338541 0.151679135  
## 80 -0.305938717 0.070865529  
## 110 -0.344443913 -0.035130214  
## 140 -0.277419719 -0.028259158  
## 170 -0.479894843 -0.130117635  
## 21 0.599992678 0.788251027  
## 51 0.021520671 -0.056776606  
## 81 -0.346155559 -0.207685690  
## 111 -0.370984549 -0.220947960  
## 141 -0.356673290 -0.187870253  
## 171 -0.432309617 -0.309735039  
## 22 0.632484076 0.771903907  
## 52 0.208553884 0.315551492  
## 82 -0.226418774 0.032382498  
## 112 -0.259644937 0.023378006  
## 142 -0.222215179 0.041298796  
## 172 -0.336826910 -0.095797899  
## 23 0.438434067 0.918782825  
## 53 0.121751062 0.063011156  
## 83 -0.117401360 -0.223631181  
## 113 -0.161761370 -0.160763360  
## 143 -0.110028842 -0.153671532  
## 173 -0.214481808 -0.355934450  
## 24 0.738430699 0.683839910  
## 54 0.182254652 0.109559621  
## 84 -0.145201301 -0.053058540  
## 114 -0.115116242 -0.140910030  
## 144 -0.128326711 -0.140123155  
## 174 -0.237498409 -0.227134869  
## 25 0.620658920 0.526353818  
## 55 0.208287142 0.167140956  
## 85 -0.159316786 0.201182106  
## 115 -0.127315871 0.188416273  
## 145 -0.072427018 0.218795958  
## 175 -0.217641282 0.108230987  
## 26 0.803015012 0.614523406  
## 56 0.223105562 0.314387627  
## 86 -0.140315422 0.088414268  
## 116 -0.133922185 0.108738700  
## 146 -0.079900373 0.153906320  
## 176 -0.246169656 -0.001993106  
## 27 0.567879494 0.845392380  
## 57 0.212947021 0.276417431  
## 87 -0.188504847 -0.005574169  
## 117 -0.187497035 -0.126210937  
## 147 -0.166938775 -0.140047614  
## 177 -0.229278660 -0.294642640  
## 28 0.144073274 0.015757003  
## 58 -0.112596728 0.135402567  
## 88 -0.247656167 -0.038583050  
## 118 -0.229316151 -0.125912861  
## 148 -0.235897105 -0.121477256  
## 178 -0.333223997 -0.265207858  
## 29 0.807535373 0.590452224  
## 59 0.155659457 0.286256064  
## 89 -0.058487154 0.031614585  
## 119 -0.127318079 0.095579214  
## 149 -0.076096295 0.091965045  
## 179 -0.227120125 0.044378601  
## 30 0.732661248 0.681459211  
## 60 0.114588393 0.344766020  
## 90 -0.100296804 0.024304436  
## 120 -0.157673824 -0.003925564  
## 150 -0.126710372 0.028808167  
## 180 -0.226647292 -0.022140110  
## TimeGravityAccelerometerSTD()-X TimeGravityAccelerometerSTD()-Y  
## 1 -0.8968300 -0.9077200  
## 31 -0.9684571 -0.9355171  
## 61 -0.9937630 -0.9812260  
## 91 -0.9766096 -0.9713060  
## 121 -0.9505598 -0.9370187  
## 151 -0.9563670 -0.9528492  
## 2 -0.9590144 -0.9882119  
## 32 -0.9799888 -0.9567503  
## 62 -0.9866858 -0.9741944  
## 92 -0.9726932 -0.9721169  
## 122 -0.9403618 -0.9400685  
## 152 -0.9344077 -0.9237675  
## 3 -0.9825122 -0.9812027  
## 33 -0.9573245 -0.9039230  
## 63 -0.9820204 -0.9574253  
## 93 -0.9777716 -0.9623556  
## 123 -0.9500611 -0.9460946  
## 153 -0.9440408 -0.9098260  
## 4 -0.9212000 -0.9698166  
## 34 -0.9814053 -0.9327271  
## 64 -0.9729084 -0.9176135  
## 94 -0.9838265 -0.9679632  
## 124 -0.9552589 -0.9320660  
## 154 -0.9584952 -0.9233760  
## 5 -0.9456953 -0.9859641  
## 35 -0.9831375 -0.9399430  
## 65 -0.9740882 -0.9319739  
## 95 -0.9793484 -0.9615855  
## 125 -0.9504909 -0.9123634  
## 155 -0.9535800 -0.9005117  
## 6 -0.8877463 -0.9591620  
## 36 -0.9888724 -0.9608760  
## 66 -0.9855831 -0.9684491  
## 96 -0.9777799 -0.9642486  
## 126 -0.9544063 -0.9335776  
## 156 -0.9593994 -0.9129007  
## 7 -0.9142213 -0.9555435  
## 37 -0.9570824 -0.9454363  
## 67 -0.9879175 -0.9661630  
## 97 -0.9798513 -0.9694042  
## 127 -0.9648760 -0.9526787  
## 157 -0.9328231 -0.9397743  
## 8 -0.9188732 -0.9579900  
## 38 -0.9667580 -0.9374623  
## 68 -0.9876902 -0.9589041  
## 98 -0.9747521 -0.9567815  
## 128 -0.9457666 -0.9415809  
## 158 -0.9266733 -0.9310321  
## 9 -0.9218211 -0.9699945  
## 39 -0.9552804 -0.9464520  
## 69 -0.9891032 -0.9725739  
## 99 -0.9809720 -0.9712424  
## 129 -0.9521412 -0.9363066  
## 159 -0.9543836 -0.9013173  
## 10 -0.9545319 -0.9667012  
## 40 -0.9731284 -0.9356900  
## 70 -0.9912595 -0.9754107  
## 100 -0.9744352 -0.9711147  
## 130 -0.9392676 -0.9370038  
## 160 -0.9592161 -0.9370394  
## 11 -0.9795656 -0.9907656  
## 41 -0.9880693 -0.9497926  
## 71 -0.9945294 -0.9810478  
## 101 -0.9811010 -0.9662406  
## 131 -0.9544975 -0.9263105  
## 161 -0.9534631 -0.9243608  
## 12 -0.9364583 -0.9743965  
## 42 -0.9852036 -0.9636420  
## 72 -0.9853142 -0.9704826  
## 102 -0.9791131 -0.9646192  
## 132 -0.9595040 -0.9432984  
## 162 -0.9602463 -0.9413784  
## 13 -0.9578752 -0.9759481  
## 43 -0.9813791 -0.9513531  
## 73 -0.9922324 -0.9746812  
## 103 -0.9725449 -0.9608998  
## 133 -0.9526431 -0.9285444  
## 163 -0.9464415 -0.9220550  
## 14 -0.8621369 -0.9487749  
## 44 -0.9762804 -0.9503227  
## 74 -0.9720054 -0.9657810  
## 104 -0.9748169 -0.9544559  
## 134 -0.9190988 -0.9207259  
## 164 -0.9285236 -0.9072314  
## 15 -0.9615097 -0.9860362  
## 45 -0.9826209 -0.9435614  
## 75 -0.9884321 -0.9656880  
## 105 -0.9783973 -0.9710565  
## 135 -0.9428065 -0.9256859  
## 165 -0.9525624 -0.9276488  
## 16 -0.9637620 -0.9660871  
## 46 -0.9801582 -0.9680232  
## 76 -0.9853597 -0.9805524  
## 106 -0.9824696 -0.9737848  
## 136 -0.9577851 -0.9554878  
## 166 -0.9484136 -0.9336575  
## 17 -0.9610632 -0.9614667  
## 47 -0.9901966 -0.9667201  
## 77 -0.9857514 -0.9758105  
## 107 -0.9809834 -0.9686132  
## 137 -0.9500262 -0.9465767  
## 167 -0.9494604 -0.9159735  
## 18 -0.9827160 -0.9940935  
## 48 -0.9940438 -0.9840355  
## 78 -0.9942701 -0.9813359  
## 108 -0.9830109 -0.9753117  
## 138 -0.9604049 -0.9329622  
## 168 -0.9617388 -0.9420569  
## 19 -0.9589596 -0.9869931  
## 49 -0.9693550 -0.9699698  
## 79 -0.9924115 -0.9714266  
## 109 -0.9698615 -0.9586512  
## 139 -0.8997261 -0.9178809  
## 169 -0.9164960 -0.9010449  
## 20 -0.9286742 -0.9760185  
## 50 -0.9858290 -0.9669835  
## 80 -0.9819169 -0.9574627  
## 110 -0.9703273 -0.9620034  
## 140 -0.9404581 -0.9085772  
## 170 -0.9314050 -0.9245944  
## 21 -0.9459053 -0.9837329  
## 51 -0.9929364 -0.9793554  
## 81 -0.9829067 -0.9776814  
## 111 -0.9695764 -0.9641445  
## 141 -0.9401948 -0.9401118  
## 171 -0.9409116 -0.9415236  
## 22 -0.9287812 -0.9588269  
## 52 -0.9720100 -0.9542250  
## 82 -0.9928273 -0.9710807  
## 112 -0.9696434 -0.9636393  
## 142 -0.9412423 -0.9458244  
## 172 -0.9406338 -0.9416202  
## 23 -0.9479488 -0.9827946  
## 53 -0.9845367 -0.9609174  
## 83 -0.9846104 -0.9848186  
## 113 -0.9772309 -0.9665507  
## 143 -0.9507908 -0.9390125  
## 173 -0.9333445 -0.9104746  
## 24 -0.9604122 -0.9934544  
## 54 -0.9896601 -0.9716925  
## 84 -0.9921976 -0.9681554  
## 114 -0.9831324 -0.9625788  
## 144 -0.9618453 -0.9414790  
## 174 -0.9621906 -0.9166908  
## 25 -0.8295549 -0.6435784  
## 55 -0.9888800 -0.9634150  
## 85 -0.9931483 -0.9806430  
## 115 -0.9794993 -0.9650934  
## 145 -0.9644701 -0.9378160  
## 175 -0.9508785 -0.9317583  
## 26 -0.9444725 -0.9878880  
## 56 -0.9650829 -0.9492867  
## 86 -0.9926788 -0.9669864  
## 116 -0.9800557 -0.9690403  
## 146 -0.9627220 -0.9354259  
## 176 -0.9620114 -0.9378582  
## 27 -0.9711839 -0.9937017  
## 57 -0.9824457 -0.9825533  
## 87 -0.9940122 -0.9796411  
## 117 -0.9798661 -0.9737930  
## 147 -0.9469752 -0.9349640  
## 177 -0.9564339 -0.9477134  
## 28 -0.9705991 -0.9697590  
## 58 -0.9891325 -0.9717664  
## 88 -0.9900594 -0.9628014  
## 118 -0.9766939 -0.9687809  
## 148 -0.9569215 -0.9484042  
## 178 -0.9446978 -0.9276411  
## 29 -0.9729399 -0.9942476  
## 59 -0.9846792 -0.9736043  
## 89 -0.9967642 -0.9851340  
## 119 -0.9782535 -0.9752728  
## 149 -0.9417362 -0.9139031  
## 179 -0.9541890 -0.9230078  
## 30 -0.9795639 -0.9889307  
## 60 -0.9783647 -0.9593613  
## 90 -0.9964209 -0.9581458  
## 120 -0.9797525 -0.9701766  
## 150 -0.9588904 -0.9186788  
## 180 -0.9540336 -0.9149339  
## TimeGravityAccelerometerSTD()-Z TimeBodyAccelerometerJerkMean()-X  
## 1 -0.8523663 0.08108653  
## 31 -0.9490409 0.07748252  
## 61 -0.9763241 0.07537665  
## 91 -0.9477172 0.07404163  
## 121 -0.8959397 0.05415532  
## 151 -0.9123794 0.10137273  
## 2 -0.9842304 0.08259725  
## 32 -0.9544159 0.07225644  
## 62 -0.9459271 0.07475886  
## 92 -0.9720728 0.06180807  
## 122 -0.9314383 0.11004062  
## 152 -0.8780041 0.07445078  
## 3 -0.9648075 0.07698111  
## 33 -0.8977363 0.07260984  
## 63 -0.9281616 0.07509006  
## 93 -0.9520918 0.08147459  
## 123 -0.8999439 0.07256893  
## 153 -0.9094697 0.04268810  
## 4 -0.9761766 0.09344942  
## 34 -0.9509493 0.07845002  
## 64 -0.8994048 0.07213284  
## 94 -0.9629681 0.07835291  
## 124 -0.9377538 0.09718627  
## 154 -0.9196195 0.05609719  
## 5 -0.9770766 0.08481648  
## 35 -0.9450090 0.07495774  
## 65 -0.9146085 0.07251899  
## 95 -0.9645808 0.08458888  
## 125 -0.9271927 0.10965060  
## 155 -0.9214196 0.07954435  
## 6 -0.9281307 0.09634820  
## 36 -0.9554758 0.07547216  
## 66 -0.9427951 0.07306996  
## 96 -0.9572050 0.06995859  
## 126 -0.9343788 0.10368134  
## 156 -0.9061964 0.07210675  
## 7 -0.9619090 0.09689040  
## 37 -0.8686025 0.06685198  
## 67 -0.9391610 0.07519151  
## 97 -0.9521598 0.09014626  
## 127 -0.9287565 0.09689262  
## 157 -0.8816759 0.07246499  
## 8 -0.9418363 0.08783269  
## 38 -0.9354753 0.07867138  
## 68 -0.9182939 0.07537390  
## 98 -0.9566401 0.07033935  
## 128 -0.8971900 0.11893809  
## 158 -0.8761689 0.08138168  
## 9 -0.9712047 0.08807345  
## 39 -0.8858541 0.07700501  
## 69 -0.9322453 0.07600321  
## 99 -0.9555240 0.07043573  
## 129 -0.8766413 0.13019304  
## 159 -0.8940711 0.06922662  
## 10 -0.9630456 0.07381506  
## 40 -0.9668985 0.07753725  
## 70 -0.9595797 0.08097844  
## 100 -0.9578627 0.08579438  
## 130 -0.9020852 0.10095939  
## 160 -0.8647458 0.06488293  
## 11 -0.9841926 0.07666453  
## 41 -0.9716616 0.07617773  
## 71 -0.9894333 0.07600977  
## 101 -0.9608527 0.08297093  
## 131 -0.9258149 0.08971687  
## 161 -0.9069332 0.09685617  
## 12 -0.9596440 0.08542954  
## 42 -0.9562086 0.07712777  
## 72 -0.9395341 0.07446318  
## 102 -0.9502762 0.04576440  
## 132 -0.9353993 0.06215003  
## 162 -0.9380712 0.07286608  
## 13 -0.9598929 0.07677748  
## 43 -0.9309796 0.07528659  
## 73 -0.9768272 0.07586310  
## 103 -0.9486376 0.08095902  
## 133 -0.8939630 0.10170454  
## 163 -0.9102711 0.06924421  
## 14 -0.9013039 0.09814038  
## 44 -0.9384157 0.07418788  
## 74 -0.9407577 0.07379337  
## 104 -0.9475170 0.07208779  
## 134 -0.8795653 0.04286316  
## 164 -0.8754508 0.08033030  
## 15 -0.9507104 0.07675154  
## 45 -0.9529737 0.07847928  
## 75 -0.9588102 0.07522807  
## 105 -0.9580588 0.08977707  
## 135 -0.9340083 0.07114572  
## 165 -0.9216185 0.07297243  
## 16 -0.9678860 0.07839603  
## 46 -0.9458136 0.07343467  
## 76 -0.9595628 0.07364389  
## 106 -0.9613873 0.07702238  
## 136 -0.9105889 0.09078571  
## 166 -0.9076496 0.07625267  
## 17 -0.9571646 0.07790897  
## 47 -0.9566106 0.07507099  
## 77 -0.9691718 0.07408650  
## 107 -0.9569032 0.07731886  
## 137 -0.9010978 0.11825086  
## 167 -0.9301598 0.07680442  
## 18 -0.9909572 0.07499850  
## 48 -0.9783402 0.07662289  
## 78 -0.9760443 0.07535395  
## 108 -0.9724838 0.07675243  
## 138 -0.9216617 0.08090440  
## 168 -0.9078397 0.08124020  
## 19 -0.9888190 0.07723180  
## 49 -0.9603950 0.07537471  
## 79 -0.9588620 0.07541204  
## 109 -0.9291879 0.08222463  
## 139 -0.8993631 0.07309303  
## 169 -0.8369357 0.08315451  
## 20 -0.9765186 0.08927160  
## 50 -0.9358550 0.07465684  
## 80 -0.9424373 0.07635562  
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## 140 -0.9196935 0.06950311  
## 170 -0.9040641 0.08364513  
## 21 -0.9524163 0.08201502  
## 51 -0.9654265 0.07571098  
## 81 -0.9585900 0.07545439  
## 111 -0.9749394 0.07822518  
## 141 -0.9163246 0.09014529  
## 171 -0.9327163 0.10403422  
## 22 -0.9524354 0.07522022  
## 52 -0.9279506 0.08076873  
## 82 -0.9588902 0.07523229  
## 112 -0.9551478 0.06277776  
## 142 -0.9065940 0.10158464  
## 172 -0.9131536 0.08771722  
## 23 -0.9767805 0.08317876  
## 53 -0.9239536 0.07700224  
## 83 -0.9471997 0.07502065  
## 113 -0.9329813 0.09873191  
## 143 -0.9058883 0.05780106  
## 173 -0.9020659 0.07236500  
## 24 -0.9792397 0.08072123  
## 54 -0.9634068 0.07633185  
## 84 -0.9461849 0.07461774  
## 114 -0.9628230 0.07319390  
## 144 -0.9422077 0.08026198  
## 174 -0.9349529 0.08623101  
## 25 -0.6101612 0.08790717  
## 55 -0.9694600 0.07520870  
## 85 -0.9677926 0.07523373  
## 115 -0.9449957 0.07217207  
## 145 -0.9261917 0.11065693  
## 175 -0.8827224 0.07400414  
## 26 -0.9840817 0.08665025  
## 56 -0.9445809 0.07644432  
## 86 -0.9642285 0.07535782  
## 116 -0.9662316 0.06523037  
## 146 -0.9330818 0.11147079  
## 176 -0.9296368 0.07556453  
## 27 -0.9890563 0.07662686  
## 57 -0.9672681 0.07790390  
## 87 -0.9681700 0.07496998  
## 117 -0.9565935 0.06843320  
## 147 -0.9209215 0.09362732  
## 177 -0.9266754 0.07347635  
## 28 -0.9791247 0.07807706  
## 58 -0.9560877 0.07686716  
## 88 -0.9517822 0.07531316  
## 118 -0.9442250 0.09311222  
## 148 -0.9170597 0.09726535  
## 178 -0.9005140 0.07068319  
## 29 -0.9857782 0.07188612  
## 59 -0.9660320 0.07454381  
## 89 -0.9844645 0.07530525  
## 119 -0.9459814 0.08537433  
## 149 -0.8693009 0.06368720  
## 179 -0.8588495 0.10634519  
## 30 -0.9832745 0.07521967  
## 60 -0.9566357 0.07600577  
## 90 -0.9492074 0.07524145  
## 120 -0.9439584 0.06886900  
## 150 -0.8776671 0.08839330  
## 180 -0.8624028 0.05798404  
## TimeBodyAccelerometerJerkMean()-Y TimeBodyAccelerometerJerkMean()-Z  
## 1 3.838204e-03 1.083424e-02  
## 31 -6.191028e-04 -3.367792e-03  
## 61 7.975731e-03 -3.685250e-03  
## 91 2.827211e-02 -4.168406e-03  
## 121 2.965045e-02 -1.097197e-02  
## 151 1.948631e-02 -4.556254e-02  
## 2 1.225479e-02 -1.802649e-03  
## 32 1.169545e-02 7.605469e-03  
## 62 1.032918e-02 -8.371588e-03  
## 92 1.824927e-02 7.895337e-03  
## 122 -3.279591e-03 -2.093517e-02  
## 152 -9.709855e-03 1.948144e-02  
## 3 1.380410e-02 -4.356259e-03  
## 33 2.725291e-03 -4.233484e-03  
## 63 7.716636e-03 -8.071779e-03  
## 93 1.005915e-02 -5.622646e-03  
## 123 1.097078e-02 -2.027280e-03  
## 153 3.972493e-02 2.082055e-02  
## 4 6.933132e-03 -6.410543e-03  
## 34 -1.085822e-02 -1.215000e-02  
## 64 -6.530157e-03 -2.118899e-02  
## 94 2.956024e-03 -7.676793e-04  
## 124 5.637802e-03 -7.291378e-03  
## 154 2.340190e-02 3.402808e-03  
## 5 7.474608e-03 -3.040672e-03  
## 35 -2.787733e-03 3.386096e-03  
## 65 -2.219902e-03 -1.228122e-02  
## 95 -1.631941e-02 8.321594e-05  
## 125 1.376182e-02 2.133977e-02  
## 155 1.401304e-02 -2.559095e-02  
## 6 -1.145292e-03 3.288173e-03  
## 36 2.556498e-06 6.237278e-03  
## 66 8.718840e-03 -4.817122e-03  
## 96 -1.648317e-02 -7.389312e-03  
## 126 9.876858e-03 -9.324706e-03  
## 156 3.713434e-03 -2.378166e-03  
## 7 2.506242e-02 -1.316539e-02  
## 37 1.168634e-02 1.620041e-02  
## 67 6.947004e-03 -1.084203e-02  
## 97 1.843227e-02 -2.103986e-02  
## 127 -1.910611e-02 -1.603904e-02  
## 157 -8.123871e-04 -7.451967e-05  
## 8 2.332992e-02 -1.692188e-02  
## 38 -6.575163e-03 -1.068089e-02  
## 68 8.149517e-03 3.221533e-03  
## 98 -6.039475e-03 -6.737989e-04  
## 128 -3.801938e-02 -3.943562e-02  
## 158 1.412059e-02 -6.745839e-02  
## 9 1.156173e-02 -7.053678e-03  
## 39 9.817397e-03 -8.674673e-03  
## 69 1.306998e-02 -4.700786e-03  
## 99 2.122559e-02 4.147627e-03  
## 129 -2.068660e-02 2.625689e-03  
## 159 1.266122e-03 7.660466e-03  
## 10 1.569900e-02 7.166896e-03  
## 40 8.978755e-03 -4.995664e-03  
## 70 1.190076e-02 -4.858410e-03  
## 100 4.082488e-03 -1.629532e-02  
## 130 1.078249e-02 1.526172e-04  
## 160 2.663143e-02 -5.133758e-02  
## 11 1.221939e-02 2.776905e-03  
## 41 -2.138386e-04 8.334008e-03  
## 71 1.241310e-02 -7.459162e-04  
## 101 1.276825e-02 -1.336483e-02  
## 131 2.522742e-02 -2.252089e-02  
## 161 -1.326253e-02 -1.514639e-02  
## 12 7.744083e-03 -4.371484e-03  
## 42 1.059905e-02 -2.045760e-03  
## 72 1.004800e-02 -7.881314e-03  
## 102 1.977669e-02 5.025870e-03  
## 132 -1.192892e-02 4.852624e-03  
## 162 -6.894949e-03 9.066628e-03  
## 13 1.834419e-02 -9.883897e-03  
## 43 -1.123441e-03 -2.323972e-02  
## 73 7.620352e-03 -7.049793e-04  
## 103 3.083645e-03 5.972490e-03  
## 133 -7.518682e-03 -2.529777e-02  
## 163 -1.280098e-03 -2.541263e-02  
## 14 -8.315071e-03 -3.236015e-02  
## 44 -4.361860e-03 -1.057445e-02  
## 74 5.795662e-03 -7.207778e-03  
## 104 2.411602e-02 1.997230e-02  
## 134 2.913394e-02 1.049526e-02  
## 164 -1.831312e-02 3.441995e-03  
## 15 1.239843e-02 -4.439280e-03  
## 45 -8.984376e-03 -2.372075e-03  
## 75 6.172555e-03 -6.587371e-03  
## 105 8.905886e-03 6.587062e-04  
## 135 1.511590e-02 -1.002129e-02  
## 165 -4.173618e-03 -5.258799e-03  
## 16 1.328051e-02 -1.541051e-03  
## 46 9.856429e-03 -1.150306e-02  
## 76 1.207680e-02 -4.763106e-03  
## 106 9.684447e-03 3.608033e-03  
## 136 -1.481145e-02 -2.931226e-02  
## 166 1.737293e-02 3.805336e-02  
## 17 7.068671e-03 -1.435425e-04  
## 47 5.609710e-03 -1.554484e-03  
## 77 6.578535e-03 -4.035996e-03  
## 107 1.300985e-02 2.437533e-02  
## 137 -1.138262e-02 -9.398381e-03  
## 167 3.083565e-02 7.595338e-03  
## 18 1.170190e-02 -1.213448e-03  
## 48 6.945603e-03 2.787570e-03  
## 78 1.046987e-02 -1.816405e-03  
## 108 2.827455e-02 1.068509e-02  
## 138 -7.570694e-04 -1.417699e-02  
## 168 2.116547e-02 9.358966e-03  
## 19 1.114957e-02 -9.886909e-04  
## 49 1.379210e-02 1.731068e-03  
## 79 9.913383e-03 1.292163e-03  
## 109 1.441135e-02 -3.275287e-02  
## 139 -3.868721e-02 -9.552025e-03  
## 169 5.681859e-02 3.166820e-02  
## 20 1.108225e-03 -3.098918e-03  
## 50 5.974303e-03 1.601349e-03  
## 80 1.169302e-02 -6.136819e-03  
## 110 -2.106196e-02 6.344572e-03  
## 140 4.364496e-03 -2.534821e-03  
## 170 6.599826e-03 -2.454210e-02  
## 21 1.199437e-02 -1.390534e-02  
## 51 1.210201e-02 -1.753522e-04  
## 81 1.006212e-02 -3.320937e-03  
## 111 2.351976e-03 -1.018134e-02  
## 141 -2.139985e-02 -1.255511e-02  
## 171 -1.562901e-02 -3.601155e-02  
## 22 4.598348e-03 -4.674387e-03  
## 52 -8.427151e-04 -1.268525e-02  
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## 112 3.567463e-02 4.436914e-03  
## 142 2.111261e-02 1.124990e-02  
## 172 3.670830e-02 -3.361697e-02  
## 23 1.535144e-02 -6.282351e-03  
## 53 1.013514e-02 -1.488234e-03  
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## 113 1.489559e-02 -1.908106e-03  
## 143 3.750052e-02 -9.827171e-04  
## 173 3.998629e-02 1.592342e-02  
## 24 1.198195e-02 -5.892258e-03  
## 54 4.767026e-03 -1.133002e-03  
## 84 1.098397e-02 -3.587749e-03  
## 114 1.212546e-02 -1.164014e-02  
## 144 -4.473163e-03 -8.469159e-03  
## 174 -1.508160e-02 -1.323537e-02  
## 25 2.846193e-02 -3.071794e-02  
## 55 4.854159e-03 2.107608e-03  
## 85 6.632140e-03 -6.228088e-03  
## 115 3.511152e-03 -3.350987e-03  
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## 26 1.244200e-02 -6.147551e-03  
## 56 6.922390e-03 -7.802380e-03  
## 86 8.173223e-03 -2.194978e-03  
## 116 1.967121e-02 -6.183058e-03  
## 146 -7.131602e-03 -1.189114e-02  
## 176 2.091717e-03 -1.170893e-02  
## 27 1.264911e-02 -6.855493e-04  
## 57 4.670724e-03 -6.112854e-03  
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## 177 -1.402294e-02 6.746791e-03  
## 28 5.939923e-03 6.009719e-03  
## 58 1.483382e-02 2.578540e-04  
## 88 9.073632e-03 -2.678101e-03  
## 118 2.264866e-02 -7.629152e-03  
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## 178 2.229854e-02 7.490817e-03  
## 29 1.169121e-02 2.415428e-03  
## 59 5.985314e-03 3.167701e-03  
## 89 1.151050e-02 3.328950e-04  
## 119 2.238705e-02 9.415473e-03  
## 149 6.210170e-04 -1.406430e-02  
## 179 -6.890192e-04 -2.907139e-02  
## 30 1.076802e-02 -3.741897e-04  
## 60 9.756925e-03 -2.781618e-03  
## 90 1.208604e-02 1.908415e-03  
## 120 2.196565e-02 -7.395342e-03  
## 150 -7.561108e-03 -1.183014e-02  
## 180 -3.587192e-03 1.615062e-02  
## TimeBodyAccelerometerJerkSTD()-X TimeBodyAccelerometerJerkSTD()-Y  
## 1 -0.958482112 -0.924149274  
## 31 -0.986430711 -0.981371965  
## 61 -0.994604542 -0.985648732  
## 91 -0.113615602 0.067002501  
## 121 -0.012283861 -0.101601391  
## 151 -0.446843888 -0.378274426  
## 2 -0.985872169 -0.983172541  
## 32 -0.988055854 -0.977983955  
## 62 -0.981085716 -0.971059440  
## 92 -0.277530463 -0.016602236  
## 122 0.147249143 0.126828015  
## 152 -0.276121886 -0.185648954  
## 3 -0.980879315 -0.968710725  
## 33 -0.974467390 -0.953631391  
## 63 -0.957086489 -0.941686786  
## 93 -0.268679644 -0.044961959  
## 123 -0.085801004 -0.111439195  
## 153 -0.458364617 -0.251680365  
## 4 -0.978302781 -0.942209488  
## 34 -0.976742196 -0.944596106  
## 64 -0.972586542 -0.938354678  
## 94 -0.297042613 -0.221165132  
## 124 -0.145759709 -0.146242295  
## 154 -0.380488027 -0.281543175  
## 5 -0.983307862 -0.964560431  
## 35 -0.975204850 -0.952786261  
## 65 -0.962647080 -0.931217141  
## 95 -0.302891025 -0.091039743  
## 125 0.032241550 0.047361231  
## 155 -0.223896564 -0.125026613  
## 6 -0.966341055 -0.933674494  
## 36 -0.969929476 -0.945143686  
## 66 -0.973132636 -0.949362277  
## 96 -0.132784767 0.008088974  
## 126 0.165271071 0.276544030  
## 156 -0.180301156 -0.041399465  
## 7 -0.980977756 -0.973093160  
## 37 -0.982158098 -0.969458676  
## 67 -0.976403545 -0.965810610  
## 97 -0.346026226 -0.054744895  
## 127 0.028503393 -0.296279675  
## 157 -0.415153116 -0.519897596  
## 8 -0.973253042 -0.976520952  
## 38 -0.985188754 -0.980784606  
## 68 -0.989198880 -0.976442141  
## 98 -0.258688628 0.233987544  
## 128 0.250143725 0.288140719  
## 158 -0.186618895 -0.012350110  
## 9 -0.964740470 -0.963996680  
## 39 -0.964535856 -0.956777545  
## 69 -0.969973399 -0.963849333  
## 99 -0.206733788 -0.276929934  
## 129 0.017623342 -0.309442473  
## 159 -0.335291645 -0.586147012  
## 10 -0.978007467 -0.966930793  
## 40 -0.988946414 -0.980756790  
## 70 -0.964311490 -0.941328663  
## 100 -0.052199101 0.075080495  
## 130 0.223275806 -0.105020356  
## 160 -0.187220176 -0.177803083  
## 11 -0.985259109 -0.972777455  
## 41 -0.980335164 -0.966766643  
## 71 -0.992527404 -0.979428280  
## 101 -0.428516344 -0.181419230  
## 131 -0.083421265 -0.126816662  
## 161 -0.452961684 -0.428119230  
## 12 -0.969276283 -0.962639527  
## 42 -0.976494201 -0.964047462  
## 72 -0.972440195 -0.953203115  
## 102 -0.013506611 -0.089404969  
## 132 0.006319144 0.062921667  
## 162 -0.359856972 -0.311328991  
## 13 -0.985419950 -0.980152343  
## 43 -0.992827264 -0.984267558  
## 73 -0.987636104 -0.977704172  
## 103 -0.220910068 0.056548877  
## 133 -0.074090805 -0.149027774  
## 163 -0.487325540 -0.323333932  
## 14 -0.971473557 -0.968127617  
## 44 -0.980890655 -0.967828356  
## 74 -0.978248526 -0.966362426  
## 104 -0.454497020 -0.344339569  
## 134 0.012959755 0.192791766  
## 164 -0.368780419 -0.336427181  
## 15 -0.981739387 -0.970921588  
## 45 -0.988162334 -0.978126999  
## 75 -0.985459068 -0.967720400  
## 105 -0.373217585 -0.031926547  
## 135 0.134593836 0.015805921  
## 165 -0.186944665 -0.311861357  
## 16 -0.988416724 -0.984867287  
## 46 -0.990861135 -0.981800971  
## 76 -0.991026497 -0.982621955  
## 106 -0.396223738 -0.425563859  
## 136 -0.101186927 -0.261684752  
## 166 -0.521089140 -0.425625937  
## 17 -0.981489017 -0.976960543  
## 47 -0.994340603 -0.988637002  
## 77 -0.992094006 -0.986661260  
## 107 -0.355492635 -0.093538503  
## 137 -0.103436471 -0.304063534  
## 167 -0.292665827 -0.349791873  
## 18 -0.985921071 -0.985554339  
## 48 -0.991624662 -0.984002717  
## 78 -0.989436674 -0.975277837  
## 108 -0.368056914 -0.320158763  
## 138 -0.387223932 -0.447033873  
## 168 -0.563202135 -0.567940639  
## 19 -0.983605223 -0.974524523  
## 49 -0.987043285 -0.979267729  
## 79 -0.984792035 -0.970543277  
## 109 0.110306729 0.080927119  
## 139 0.544273037 0.355306717  
## 169 -0.174279056 -0.012886548  
## 20 -0.984270728 -0.977002607  
## 50 -0.982078229 -0.970896863  
## 80 -0.959528332 -0.935605651  
## 110 -0.090645042 0.244310894  
## 140 -0.135699627 0.289670967  
## 170 -0.185695388 -0.260789712  
## 21 -0.984826521 -0.971584753  
## 51 -0.989439392 -0.979002805  
## 81 -0.977063350 -0.963921458  
## 111 -0.114888874 -0.034714386  
## 141 0.002146557 -0.079600976  
## 171 -0.424052015 -0.203209666  
## 22 -0.970355192 -0.955151527  
## 52 -0.981664149 -0.964782832  
## 82 -0.975639081 -0.952303494  
## 112 0.035878709 0.225542290  
## 142 0.086913985 0.019861328  
## 172 -0.008539927 -0.057578454  
## 23 -0.986360447 -0.988611617  
## 53 -0.984561804 -0.978045838  
## 83 -0.983141959 -0.975219984  
## 113 -0.229328122 -0.080501734  
## 143 0.198947062 -0.088330123  
## 173 -0.365398623 -0.328225031  
## 24 -0.986365434 -0.982430495  
## 54 -0.988564382 -0.979573678  
## 84 -0.980573837 -0.967745639  
## 114 -0.485863255 -0.302220161  
## 144 -0.337218894 -0.169291888  
## 174 -0.498764672 -0.515220752  
## 25 -0.973323412 -0.945687170  
## 55 -0.992278622 -0.982870992  
## 85 -0.988312658 -0.972272411  
## 115 -0.607620932 -0.382619719  
## 145 -0.501968388 -0.371661522  
## 175 -0.663642746 -0.627131236  
## 26 -0.989315825 -0.987182888  
## 56 -0.992258395 -0.986215216  
## 86 -0.990498355 -0.975935485  
## 116 -0.328452881 -0.261863589  
## 146 -0.128111641 -0.086404903  
## 176 -0.290879966 -0.399771474  
## 27 -0.986471899 -0.985159462  
## 57 -0.990658098 -0.985097471  
## 87 -0.987628362 -0.975829725  
## 117 -0.316184022 -0.104090459  
## 147 -0.003583389 -0.138528104  
## 177 -0.468066189 -0.426833499  
## 28 -0.980164717 -0.978679540  
## 58 -0.976286679 -0.962219453  
## 88 -0.968604560 -0.933768175  
## 118 -0.335700184 -0.220123121  
## 148 -0.016765223 0.026553013  
## 178 -0.312671656 -0.331602407  
## 29 -0.992005989 -0.989513566  
## 59 -0.993525560 -0.984055100  
## 89 -0.993652821 -0.983338158  
## 119 -0.221433543 -0.087174644  
## 149 -0.023952574 -0.077340838  
## 179 -0.182365815 -0.388624196  
## 30 -0.977463776 -0.971049778  
## 60 -0.988864577 -0.980420928  
## 90 -0.968430745 -0.957318881  
## 120 -0.374400941 -0.270709274  
## 150 -0.226643901 -0.194656097  
## 180 -0.535420203 -0.587214543  
## TimeBodyAccelerometerJerkSTD()-Z TimeBodyGyroscopeMean()-X  
## 1 -0.95485511 -0.0165530940  
## 31 -0.98791080 -0.0453500565  
## 61 -0.99225118 -0.0239877348  
## 91 -0.50269979 -0.0418309635  
## 121 -0.34573503 -0.0350781903  
## 151 -0.70659353 0.0505493798  
## 2 -0.98844201 -0.0184766067  
## 32 -0.98751821 -0.0454706620  
## 62 -0.98284145 -0.0238623876  
## 92 -0.58609042 -0.0530258157  
## 122 -0.34012202 -0.1159473529  
## 152 -0.57374635 -0.0576912635  
## 3 -0.98209316 -0.0208170540  
## 33 -0.97466157 -0.0385365205  
## 63 -0.97305963 -0.0246626071  
## 93 -0.52948612 -0.0256405193  
## 123 -0.57173524 -0.1315732765  
## 153 -0.70855171 0.0721980309  
## 4 -0.97851198 -0.0092315635  
## 34 -0.97903877 -0.0494435116  
## 64 -0.97305420 -0.0306449342  
## 94 -0.75139138 -0.0317982558  
## 124 -0.62664699 -0.1028388225  
## 154 -0.72649531 0.0393825199  
## 5 -0.98541937 -0.0218935014  
## 35 -0.97343653 -0.0422355210  
## 65 -0.96383212 -0.0322711903  
## 95 -0.61289532 -0.0488919897  
## 125 -0.52265164 -0.0682945699  
## 155 -0.63836903 0.0395191121  
## 6 -0.95964606 -0.0079605027  
## 36 -0.95857295 -0.0372442283  
## 66 -0.96754724 -0.0282519130  
## 96 -0.57577747 -0.0255096186  
## 126 -0.33681732 -0.0960837438  
## 156 -0.56083069 -0.0767406826  
## 7 -0.97298306 -0.0028264191  
## 37 -0.97225647 -0.0496379720  
## 67 -0.97206005 -0.0291582213  
## 97 -0.14948851 0.0022883521  
## 127 -0.34710776 -0.1054096130  
## 157 -0.60780844 -0.1387781080  
## 8 -0.96608757 0.0053536121  
## 38 -0.98528581 -0.0547396987  
## 68 -0.98261090 -0.0219671978  
## 98 -0.38320060 0.0235088228  
## 128 -0.01351363 -0.1211896260  
## 158 -0.44751818 0.1927044760  
## 9 -0.95856246 -0.0136320361  
## 39 -0.96188944 -0.0423288768  
## 69 -0.97058426 -0.0291831363  
## 99 -0.40976453 -0.0808360599  
## 129 -0.35951336 -0.0916383011  
## 159 -0.64729600 -0.1639671900  
## 10 -0.97625666 -0.0195559372  
## 40 -0.98825580 -0.0432432177  
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## 100 -0.51166291 0.0106894976  
## 130 -0.31818842 -0.1248395943  
## 160 -0.60752048 0.0733447168  
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## 12 -0.97062931 -0.0146546807  
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## 102 -0.51227684 -0.1045136709  
## 132 -0.49865579 -0.1125315644  
## 162 -0.71933635 -0.0931234102  
## 13 -0.98307066 -0.0097360997  
## 43 -0.98761209 -0.0355124857  
## 73 -0.98692624 -0.0295492164  
## 103 -0.37463317 -0.0174207635  
## 133 -0.31704661 -0.1226722018  
## 163 -0.66092126 -0.1382937623  
## 14 -0.97243186 0.0050522118  
## 44 -0.97613338 -0.0440403327  
## 74 -0.97076673 -0.0220886527  
## 104 -0.47279109 -0.0034765506  
## 134 -0.13363406 -0.0147079653  
## 164 -0.32786881 0.0813841685  
## 15 -0.97840296 -0.0168300888  
## 45 -0.98701102 -0.0377111130  
## 75 -0.98530194 -0.0262433562  
## 105 -0.68626842 -0.0554883848  
## 135 -0.40400558 -0.1366186531  
## 165 -0.74880945 0.0903340030  
## 16 -0.98764413 -0.0161545407  
## 46 -0.98348721 -0.0412014042  
## 76 -0.98807383 -0.0299337294  
## 106 -0.44025822 -0.0151721913  
## 136 -0.30338158 -0.0225373370  
## 166 -0.59341113 0.0718408878  
## 17 -0.98281300 -0.0234756467  
## 47 -0.99052926 -0.0425491590  
## 77 -0.99121703 -0.0269576937  
## 107 -0.53430331 -0.0092226552  
## 137 -0.53633157 0.0677728391  
## 167 -0.65743084 -0.0304250571  
## 18 -0.99066025 -0.0251761807  
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## 78 -0.98845525 -0.0265873249  
## 108 -0.63332586 -0.0399399716  
## 138 -0.65124666 -0.0576548656  
## 168 -0.76082991 -0.0470683915  
## 19 -0.98826018 -0.0312072731  
## 49 -0.98670474 -0.0214151280  
## 79 -0.98614249 -0.0250905740  
## 109 -0.17939050 -0.0274970980  
## 139 -0.02001111 -0.2057754273  
## 169 -0.44428223 0.0388537088  
## 20 -0.98498922 -0.0231760616  
## 50 -0.97652249 -0.0364059290  
## 80 -0.95893631 -0.0241335050  
## 110 -0.38766458 -0.0234104226  
## 140 -0.38150341 -0.1113677476  
## 170 -0.51364121 0.0659193259  
## 21 -0.98397764 -0.0305126189  
## 51 -0.98582362 -0.0198712821  
## 81 -0.97791568 -0.0191731896  
## 111 -0.42514260 -0.0459323394  
## 141 -0.24606188 -0.1263880236  
## 171 -0.56205235 0.0626086889  
## 22 -0.97452701 -0.0208311371  
## 52 -0.97892836 -0.0360430675  
## 82 -0.98147806 -0.0275201762  
## 112 -0.31315590 0.0007771571  
## 142 -0.47780665 -0.0779611213  
## 172 -0.47170330 0.1349788079  
## 23 -0.98466348 -0.0113399725  
## 53 -0.97597899 -0.0472583464  
## 83 -0.97359522 -0.0327397745  
## 113 -0.02931151 -0.0631156870  
## 143 0.03101571 -0.0578230190  
## 173 -0.40809402 0.0957940246  
## 24 -0.98308737 -0.0143679929  
## 54 -0.98466295 -0.0356229620  
## 84 -0.97771635 -0.0278611511  
## 114 -0.49118947 -0.0545126871  
## 144 -0.29023938 -0.0867069011  
## 174 -0.52380726 0.0883163772  
## 25 -0.96783553 0.0037272346  
## 55 -0.98843315 -0.0352052091  
## 85 -0.98706269 -0.0247946751  
## 115 -0.67560140 -0.0156305378  
## 145 -0.71149470 0.0029911286  
## 175 -0.81245837 0.0556121923  
## 26 -0.98906463 -0.0170656240  
## 56 -0.99000871 -0.0370217450  
## 86 -0.98669345 -0.0245345838  
## 116 -0.39748352 -0.0033408594  
## 146 -0.37933595 -0.0107522082  
## 176 -0.67799559 -0.0247950826  
## 27 -0.98968515 -0.0195427329  
## 57 -0.98890400 -0.0371830822  
## 87 -0.98735479 -0.0267316539  
## 117 -0.40118854 -0.0855883571  
## 147 -0.40931092 -0.1598265519  
## 177 -0.63372294 -0.0940344887  
## 28 -0.97307166 -0.0173677057  
## 58 -0.97632743 -0.0339018030  
## 88 -0.96976536 -0.0253281544  
## 118 -0.53747047 -0.1058962079  
## 148 -0.42705326 -0.1410963095  
## 178 -0.63748894 -0.1293629708  
## 29 -0.99328831 -0.0258281005  
## 59 -0.99016873 -0.0379271112  
## 89 -0.99059386 -0.0276075573  
## 119 -0.46175801 -0.0079566817  
## 149 -0.47876419 -0.0374126071  
## 179 -0.67876377 0.0931989463  
## 30 -0.97951790 -0.0267812219  
## 60 -0.98816438 -0.0358426482  
## 90 -0.96889732 -0.0276138535  
## 120 -0.52135186 -0.0459505356  
## 150 -0.46707015 -0.0745591302  
## 180 -0.76194203 -0.0035597458  
## TimeBodyGyroscopeMean()-Y TimeBodyGyroscopeMean()-Z  
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## 91 -0.069530046 0.0849448173  
## 121 -0.090937129 0.0900850142  
## 151 -0.166170015 0.0583595464  
## 2 -0.111800825 0.1448828461  
## 32 -0.059928680 0.0412277462  
## 62 -0.082039658 0.0878351695  
## 92 -0.048238232 0.0828336633  
## 122 -0.004823292 0.0971738089  
## 152 -0.032088310 0.0688374022  
## 3 -0.071850716 0.1379995611  
## 33 -0.075241003 0.0940113976  
## 63 -0.058510192 0.0665262054  
## 93 -0.077915094 0.0813485943  
## 123 -0.013935804 0.1238267384  
## 153 -0.139275406 0.0215603697  
## 4 -0.093012818 0.1697204041  
## 34 -0.089430061 0.1011503348  
## 64 -0.061824851 0.0755636431  
## 94 -0.072690528 0.0805677161  
## 124 -0.070402595 0.0592639495  
## 154 -0.085947168 0.0843753843  
## 5 -0.079870960 0.1598943669  
## 35 -0.083548408 0.0823934452  
## 65 -0.050987505 0.0690945764  
## 95 -0.069013525 0.0815435496  
## 125 -0.070780600 0.0806559990  
## 155 -0.117195552 0.0424442819  
## 6 -0.107218315 0.1791020582  
## 36 -0.089908330 0.0854346006  
## 66 -0.058982364 0.0767394746  
## 96 -0.074446247 0.0838808799  
## 126 -0.034178221 0.0870012595  
## 156 -0.051898199 0.0664234026  
## 7 -0.133605695 0.1559200298  
## 37 -0.033611965 0.0259476655  
## 67 -0.077433644 0.0851045001  
## 97 -0.083711372 0.0641104602  
## 127 -0.049717461 0.1168947690  
## 157 -0.002471620 0.1392170715  
## 8 -0.089137414 0.1381883074  
## 38 -0.095508924 0.0716048810  
## 68 -0.028011763 0.0636889070  
## 98 -0.095791791 0.0509657915  
## 128 -0.050076017 0.1141438552  
## 158 -0.204205356 -0.0724546026  
## 9 -0.158902920 0.1012750107  
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## 69 -0.060810158 0.0992409332  
## 99 -0.062559871 0.1116297799  
## 129 -0.071259884 0.1168044007  
## 159 -0.041258791 0.1456946259  
## 10 -0.077032566 0.1047204783  
## 40 -0.067999360 0.0745958869  
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## 130 -0.106742539 0.0724433686  
## 160 -0.095460022 0.0879664183  
## 11 -0.041559990 0.1520190159  
## 41 -0.075528448 0.0761739419  
## 71 -0.076546504 0.0810588216  
## 101 -0.070510497 0.0843744496  
## 131 -0.026277535 0.0575244574  
## 161 -0.056692881 0.0638054380  
## 12 -0.083553735 0.1451918480  
## 42 -0.075198040 0.0728462158  
## 72 -0.070008375 0.0742568190  
## 102 -0.034429108 0.0999739123  
## 132 -0.042733669 0.0895434978  
## 162 -0.041131452 0.0898022758  
## 13 -0.096625070 0.1178196148  
## 43 -0.090268740 0.0823432027  
## 73 -0.075320524 0.0854712469  
## 103 -0.079847250 0.0784205641  
## 133 -0.023720572 0.1112842397  
## 163 0.003819669 0.1166795633  
## 14 -0.153423808 0.1491240582  
## 44 -0.071347828 0.0928523607  
## 74 -0.055810883 0.0790475887  
## 104 -0.082968285 0.0513222718  
## 134 -0.094528841 0.0353344538  
## 164 -0.123499570 -0.0441381887  
## 15 -0.061970087 0.1134518998  
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## 75 -0.065963752 0.0761946739  
## 105 -0.061242788 0.0842484921  
## 135 -0.034675573 0.0711758198  
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## 16 -0.113675061 0.0966210349  
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## 76 -0.068667733 0.0867342709  
## 106 -0.069595569 0.0818650736  
## 136 -0.068264793 0.0835380057  
## 166 -0.048613679 -0.0077928802  
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## 47 -0.066924593 0.0860053803  
## 77 -0.077063213 0.0880561869  
## 107 -0.083977334 0.0757132657  
## 137 -0.123517196 0.0162878746  
## 167 -0.054845594 0.0560931358  
## 18 -0.083758731 0.0937781948  
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## 108 -0.061372736 0.0944718395  
## 138 -0.063621434 0.0987471683  
## 168 -0.052613382 0.0906736478  
## 19 -0.095262801 0.1086051137  
## 49 -0.052020789 0.0968980718  
## 79 -0.063142983 0.0710520180  
## 109 -0.075156933 0.0798106982  
## 139 0.027470756 0.1639625108  
## 169 -0.134514321 -0.0002332482  
## 20 -0.095489963 0.1236802099  
## 50 -0.065068935 0.0642882138  
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## 110 -0.074105055 0.0851359929  
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## 170 -0.174650965 0.0587019418  
## 21 -0.113800486 0.0980906517  
## 51 -0.065307750 0.0831326043  
## 81 -0.073811587 0.0864863265  
## 111 -0.059029444 0.0983715930  
## 141 0.016214530 0.1486100210  
## 171 -0.155622431 -0.0054682976  
## 22 -0.092572312 0.1450038793  
## 52 -0.079361744 0.0804426775  
## 82 -0.069006769 0.0733466563  
## 112 -0.096088073 0.0775266595  
## 142 -0.069715446 0.0500708761  
## 172 -0.181458414 0.0157359245  
## 23 -0.105052917 0.1110785947  
## 53 -0.068432555 0.0645673209  
## 83 -0.065226479 0.0816888999  
## 113 -0.064019792 0.1077004507  
## 143 -0.085307746 0.0953602497  
## 173 -0.111564389 -0.0325557522  
## 24 -0.095553805 0.1117307463  
## 54 -0.075013270 0.0800440231  
## 84 -0.069254667 0.0771246149  
## 114 -0.065843588 0.0972006320  
## 144 -0.054230025 0.1119736506  
## 174 -0.105932947 0.0248290703  
## 25 -0.071640173 0.1397186715  
## 55 -0.074800271 0.0852783893  
## 85 -0.069887685 0.0852685438  
## 115 -0.082076807 0.0867868737  
## 145 -0.101115076 0.0980750249  
## 175 -0.109437658 0.0996227386  
## 26 -0.090322923 0.1524363443  
## 56 -0.084064850 0.0711109472  
## 86 -0.073138576 0.0776706781  
## 116 -0.084150765 0.0851069248  
## 146 -0.100382204 0.0822213996  
## 176 -0.065760180 0.0721458973  
## 27 -0.095783957 0.1187383608  
## 57 -0.079734565 0.0833752812  
## 87 -0.067507120 0.0716841463  
## 117 -0.036534816 0.1182677502  
## 147 -0.016313159 0.1526950276  
## 177 0.002124994 0.1401298558  
## 28 -0.097448734 0.0935791231  
## 58 -0.067394385 0.0870254014  
## 88 -0.073900165 0.0865173111  
## 118 -0.017282217 0.1160659109  
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## 119 -0.081960153 0.0856852236  
## 149 -0.085104589 0.0822244075  
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## 90 -0.067033438 0.0802514754  
## 120 -0.064917093 0.0839568239  
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## TimeBodyGyroscopeSTD()-X TimeBodyGyroscopeSTD()-Y TimeBodyGyroscopeSTD()-Z  
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## 91 -0.4735355 -0.054607769 -0.34426663  
## 121 -0.4580305 -0.126349195 -0.12470245  
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## 2 -0.9882752 -0.982291609 -0.96030656  
## 32 -0.9857420 -0.978919527 -0.95980371  
## 62 -0.9729986 -0.971441996 -0.96485670  
## 92 -0.5615503 -0.538453668 -0.48108554  
## 122 -0.3207892 -0.415739145 -0.27941839  
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## 3 -0.9745458 -0.977272654 -0.96350561  
## 33 -0.9654348 -0.944854571 -0.92641371  
## 63 -0.9004622 -0.927788618 -0.91236408  
## 93 -0.5718696 -0.563793260 -0.47669641  
## 123 -0.2616534 -0.546740388 -0.44230777  
## 153 -0.4560393 -0.582742846 -0.49232731  
## 4 -0.9731024 -0.961109292 -0.96207376  
## 34 -0.9701318 -0.958468120 -0.92797223  
## 64 -0.9096880 -0.949227147 -0.90999504  
## 94 -0.5009167 -0.665394093 -0.66260823  
## 124 -0.3702447 -0.699453537 -0.49848080  
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## 5 -0.9794987 -0.977427371 -0.96058378  
## 35 -0.9662255 -0.950064068 -0.94063794  
## 65 -0.9103952 -0.933738104 -0.90747156  
## 95 -0.4908775 -0.504622030 -0.31870062  
## 125 -0.4606468 -0.409134149 -0.22786904  
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## 6 -0.9553782 -0.943634949 -0.93914188  
## 36 -0.9573677 -0.944130045 -0.93968135  
## 66 -0.9475613 -0.942486586 -0.94778216  
## 96 -0.4460210 -0.331702268 -0.38313933  
## 126 -0.1983039 -0.189229570 -0.09407979  
## 156 -0.3219737 -0.315799902 -0.18390018  
## 7 -0.9601268 -0.945071935 -0.95529489  
## 37 -0.9418710 -0.944124336 -0.93702121  
## 67 -0.9452477 -0.949646947 -0.95163078  
## 97 -0.5033135 -0.231098305 -0.39601354  
## 127 -0.4077441 -0.292626136 -0.40105142  
## 157 -0.3638532 -0.572996821 -0.34898005  
## 8 -0.9652040 -0.952039386 -0.96758975  
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## 128 -0.2584309 0.024313121 -0.12956524  
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## 9 -0.9422465 -0.926618531 -0.96159537  
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## 159 -0.3439766 -0.400859068 -0.13817648  
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## 144 -0.4319191 -0.484673524 -0.49107724  
## 174 -0.5774264 -0.568534125 -0.27459628  
## 25 -0.8897696 -0.936630803 -0.91092799  
## 55 -0.9899076 -0.981193502 -0.97263756  
## 85 -0.9713574 -0.976757621 -0.97181414  
## 115 -0.4011588 -0.604032097 -0.56277525  
## 145 -0.2888248 -0.523377915 -0.44378045  
## 175 -0.4890118 -0.433673384 -0.56419561  
## 26 -0.9903282 -0.979325679 -0.96930224  
## 56 -0.9910277 -0.973444814 -0.96644134  
## 86 -0.9737851 -0.982408143 -0.97489136  
## 116 -0.4928857 -0.575735448 -0.35454906  
## 146 -0.3313129 -0.473408050 -0.33205024  
## 176 -0.5502744 -0.603097111 -0.30908805  
## 27 -0.9888372 -0.984287475 -0.97837500  
## 57 -0.9884924 -0.982067465 -0.97571331  
## 87 -0.9699020 -0.982498991 -0.98128181  
## 117 -0.6068602 -0.529865058 -0.25012041  
## 147 -0.3637229 -0.481813368 -0.25784616  
## 177 -0.5624610 -0.587966801 -0.16996079  
## 28 -0.9551623 -0.960057464 -0.96237491  
## 58 -0.9796720 -0.956316506 -0.95663280  
## 88 -0.8840322 -0.940006320 -0.92549144  
## 118 -0.5037986 -0.497684007 -0.24260138  
## 148 -0.2681063 -0.259368687 -0.30702501  
## 178 -0.5188182 -0.479319521 -0.18930681  
## 29 -0.9942766 -0.992750958 -0.97499462  
## 59 -0.9901787 -0.988334020 -0.97122799  
## 89 -0.9779948 -0.990364876 -0.98336864  
## 119 -0.5988687 -0.181802637 -0.43023244  
## 149 -0.2820773 -0.390460138 -0.31112262  
## 179 -0.3239047 0.046110305 -0.37481514  
## 30 -0.9736628 -0.966041673 -0.96888916  
## 60 -0.9881327 -0.976477562 -0.95505320  
## 90 -0.9114085 -0.940705412 -0.93083468  
## 120 -0.3879206 0.006002779 -0.18256965  
## 150 -0.2659232 -0.285392416 -0.29537036  
## 180 -0.4938375 -0.084048151 -0.21157358  
## TimeBodyGyroscopeJerkMean()-X TimeBodyGyroscopeJerkMean()-Y  
## 1 -0.10727095 -0.04151729  
## 31 -0.09367938 -0.04021181  
## 61 -0.09960921 -0.04406279  
## 91 -0.08999754 -0.03984287  
## 121 -0.07395920 -0.04399028  
## 151 -0.12223277 -0.04214859  
## 2 -0.10197413 -0.03585902  
## 32 -0.09363284 -0.04156020  
## 62 -0.10556216 -0.04224195  
## 92 -0.08188334 -0.05382994  
## 122 -0.05810385 -0.04214703  
## 152 -0.08288580 -0.04240537  
## 3 -0.10004450 -0.03897718  
## 33 -0.10360589 -0.03609099  
## 63 -0.09946026 -0.04724158  
## 93 -0.09523982 -0.03878747  
## 123 -0.07787017 -0.03915679  
## 153 -0.11551057 -0.04003725  
## 4 -0.10501988 -0.03812304  
## 34 -0.09694948 -0.04184839  
## 64 -0.10305789 -0.04612572  
## 94 -0.11532156 -0.03934745  
## 124 -0.09212827 -0.03484349  
## 154 -0.13147207 -0.03905088  
## 5 -0.10211413 -0.04044469  
## 35 -0.08897477 -0.04547030  
## 65 -0.09222499 -0.03991082  
## 95 -0.08884084 -0.04495595  
## 125 -0.11014901 -0.07082966  
## 155 -0.14302969 -0.05598958  
## 6 -0.11126728 -0.04241043  
## 36 -0.09366935 -0.03339867  
## 66 -0.10329253 -0.04288283  
## 96 -0.08788911 -0.03623090  
## 126 -0.02564522 -0.07680899  
## 156 -0.06520245 -0.04577054  
## 7 -0.10594424 -0.03588974  
## 37 -0.09381556 -0.03964449  
## 67 -0.09015397 -0.04127976  
## 97 -0.12365420 -0.04477660  
## 127 -0.05972735 -0.03819043  
## 157 -0.08566409 -0.04822191  
## 8 -0.10644501 -0.03897352  
## 38 -0.09231503 -0.04026738  
## 68 -0.09775758 -0.04851907  
## 98 -0.13588643 -0.03148809  
## 128 -0.03492835 -0.05349697  
## 158 -0.15544567 -0.02791958  
## 9 -0.10384668 -0.02755226  
## 39 -0.09307081 -0.04666344  
## 69 -0.09589770 -0.04191996  
## 99 -0.08092041 -0.03562834  
## 129 -0.09459120 -0.05976083  
## 159 -0.06846896 -0.03027975  
## 10 -0.10030825 -0.03887979  
## 40 -0.09315550 -0.04112165  
## 70 -0.10475383 -0.03715930  
## 100 -0.12270956 -0.05192050  
## 130 -0.06437640 -0.04893781  
## 160 -0.15721254 -0.03723485  
## 11 -0.10229750 -0.04123914  
## 41 -0.09484235 -0.03928130  
## 71 -0.09951936 -0.03959921  
## 101 -0.09182042 -0.05141725  
## 131 -0.02209163 -0.05202730  
## 161 -0.06452454 -0.07198347  
## 12 -0.09904023 -0.04106753  
## 42 -0.09410235 -0.03874775  
## 72 -0.09763804 -0.04095208  
## 102 -0.06223893 -0.04985260  
## 132 -0.02646690 -0.06091772  
## 162 -0.04556389 -0.03354066  
## 13 -0.10183557 -0.04177440  
## 43 -0.09591985 -0.04103669  
## 73 -0.09812000 -0.04128726  
## 103 -0.09665986 -0.03198493  
## 133 -0.06471998 -0.06694141  
## 163 -0.06648172 -0.04530520  
## 14 -0.10544664 -0.03726774  
## 44 -0.09216146 -0.04345773  
## 74 -0.10071846 -0.04500968  
## 104 -0.11065605 -0.04389695  
## 134 -0.10862038 -0.07405898  
## 164 -0.12826667 -0.02077497  
## 15 -0.10226671 -0.04158790  
## 45 -0.09536491 -0.03960688  
## 75 -0.10135879 -0.04385075  
## 105 -0.07766928 -0.05525366  
## 135 -0.04825321 -0.04954155  
## 165 -0.14448599 -0.03654192  
## 16 -0.10220957 -0.03477353  
## 46 -0.09572045 -0.04503693  
## 76 -0.10010733 -0.04249822  
## 106 -0.11091735 -0.04338768  
## 136 -0.10390404 -0.05676866  
## 166 -0.14090829 -0.02962113  
## 17 -0.10204976 -0.03619611  
## 47 -0.09424770 -0.04111342  
## 77 -0.10128917 -0.04045188  
## 107 -0.10995924 -0.03792513  
## 137 -0.10777003 -0.03817024  
## 167 -0.14265540 -0.04144963  
## 18 -0.09971542 -0.03934402  
## 48 -0.09547232 -0.03971256  
## 78 -0.09871740 -0.04065734  
## 108 -0.09664353 -0.04337711  
## 138 -0.08365666 -0.05091203  
## 168 -0.08999530 -0.05274726  
## 19 -0.09560183 -0.03714766  
## 49 -0.10098613 -0.04251702  
## 79 -0.09904679 -0.04229185  
## 109 -0.08323533 -0.03071284  
## 139 -0.03374296 -0.03946126  
## 169 -0.10180630 -0.03462885  
## 20 -0.09950331 -0.03877630  
## 50 -0.09599708 -0.04072992  
## 80 -0.10204913 -0.04321524  
## 110 -0.06799924 -0.05141758  
## 140 -0.04525031 -0.05773715  
## 170 -0.14838917 -0.01898163  
## 21 -0.09641184 -0.03462751  
## 51 -0.10111478 -0.03914834  
## 81 -0.10319980 -0.04043008  
## 111 -0.08687677 -0.05156503  
## 141 -0.07264618 -0.07359522  
## 171 -0.14435149 -0.01320228  
## 22 -0.10020393 -0.03760873  
## 52 -0.09864932 -0.04234098  
## 82 -0.09750135 -0.04209987  
## 112 -0.13297756 -0.03219107  
## 142 -0.09017445 -0.03551714  
## 172 -0.14845008 -0.03813126  
## 23 -0.10202492 -0.03724498  
## 53 -0.09674222 -0.04346026  
## 83 -0.09814811 -0.04167742  
## 113 -0.05781282 -0.05167048  
## 143 -0.11772582 -0.03528916  
## 173 -0.10991309 -0.05239438  
## 24 -0.10281381 -0.03823237  
## 54 -0.09517827 -0.04061694  
## 84 -0.09919477 -0.04317386  
## 114 -0.06253117 -0.05028950  
## 144 -0.09141450 -0.02917663  
## 174 -0.14680085 -0.03173506  
## 25 -0.10164700 -0.04267189  
## 55 -0.09548014 -0.03916514  
## 85 -0.10047370 -0.04182946  
## 115 -0.10237727 -0.03989865  
## 145 -0.12795245 -0.04152033  
## 175 -0.12648116 -0.02814530  
## 26 -0.10036864 -0.03966827  
## 56 -0.09598482 -0.04030702  
## 86 -0.10035600 -0.04090120  
## 116 -0.09941146 -0.04565383  
## 146 -0.09924653 -0.03726811  
## 176 -0.09755902 -0.03862441  
## 27 -0.10114770 -0.03621862  
## 57 -0.09516358 -0.03964108  
## 87 -0.09876051 -0.04174718  
## 117 -0.07861635 -0.04769744  
## 147 -0.05158148 -0.06420236  
## 177 -0.09375187 -0.05092352  
## 28 -0.10451163 -0.03560100  
## 58 -0.09539351 -0.04080078  
## 88 -0.10224841 -0.04313647  
## 118 -0.09297467 -0.05153944  
## 148 -0.02664930 -0.05704109  
## 178 -0.08056806 -0.04925521  
## 29 -0.09953399 -0.03867683  
## 59 -0.09536370 -0.04000184  
## 89 -0.09887015 -0.04051106  
## 119 -0.10688830 -0.04798981  
## 149 -0.07439865 -0.06714823  
## 179 -0.13042907 -0.05110351  
## 30 -0.10227736 -0.03848759  
## 60 -0.09527077 -0.04079306  
## 90 -0.09971602 -0.04377597  
## 120 -0.08738399 -0.06170289  
## 150 -0.06159546 -0.04968076  
## 180 -0.10841426 -0.01411134  
## TimeBodyGyroscopeJerkMean()-Z TimeBodyGyroscopeJerkSTD()-X  
## 1 -0.074050121 -0.91860852  
## 31 -0.046702627 -0.99173159  
## 61 -0.048950547 -0.99294511  
## 91 -0.046130930 -0.20742185  
## 121 -0.027046106 -0.48702734  
## 151 -0.040712553 -0.61478651  
## 2 -0.070178302 -0.99323585  
## 32 -0.043585097 -0.98970902  
## 62 -0.054653948 -0.97932400  
## 92 -0.051493916 -0.38954983  
## 122 -0.071022982 -0.24394059  
## 152 -0.044515748 -0.46485436  
## 3 -0.068733870 -0.98032865  
## 33 -0.059007997 -0.97254691  
## 63 -0.041683216 -0.94093764  
## 93 -0.050361610 -0.38592299  
## 123 -0.041619313 -0.28568316  
## 153 -0.049818087 -0.50727076  
## 4 -0.071215629 -0.97510320  
## 34 -0.048996435 -0.96989973  
## 64 -0.049075350 -0.94963388  
## 94 -0.055116685 -0.49234107  
## 124 -0.049283644 -0.39599549  
## 154 -0.072249626 -0.53366680  
## 5 -0.070830969 -0.98342226  
## 35 -0.048771473 -0.96603701  
## 65 -0.042222134 -0.94193004  
## 95 -0.048267960 -0.35768140  
## 125 -0.039965694 -0.41130222  
## 155 -0.053489540 -0.30524520  
## 6 -0.071777474 -0.93961161  
## 36 -0.046550431 -0.94371480  
## 66 -0.050643219 -0.94642359  
## 96 -0.053959728 -0.18260093  
## 126 -0.037222865 0.03933880  
## 156 -0.057680005 -0.18676329  
## 7 -0.067190179 -0.97383723  
## 37 -0.045456627 -0.97436905  
## 67 -0.054539002 -0.96598340  
## 97 -0.049571309 -0.21166730  
## 127 -0.078946934 -0.51073102  
## 157 -0.072451748 -0.61681266  
## 8 -0.069412315 -0.96992408  
## 38 -0.044573224 -0.99326465  
## 68 -0.047848323 -0.98157309  
## 98 -0.052268397 -0.24608275  
## 128 -0.086790330 -0.26788790  
## 158 -0.053409038 -0.40507069  
## 9 -0.056949048 -0.94532903  
## 39 -0.052841490 -0.96453235  
## 69 -0.057574313 -0.94910569  
## 99 -0.063340662 -0.52698531  
## 129 -0.067808060 -0.50966931  
## 159 -0.023632791 -0.66041953  
## 10 -0.059074491 -0.96590058  
## 40 -0.048941192 -0.99232666  
## 70 -0.058416255 -0.95036755  
## 100 -0.061126293 -0.36606372  
## 130 -0.072041311 -0.41698614  
## 160 -0.036502174 -0.42729134  
## 11 -0.066695749 -0.98172484  
## 41 -0.050539546 -0.99050152  
## 71 -0.052473275 -0.98669040  
## 101 -0.034267745 -0.54161640  
## 131 -0.037304841 -0.53437495  
## 161 -0.046076150 -0.66043134  
## 12 -0.067890900 -0.96719820  
## 42 -0.051563409 -0.97732993  
## 72 -0.048286374 -0.95541564  
## 102 -0.046733815 -0.39080724  
## 132 -0.065323998 -0.27860816  
## 162 -0.065316729 -0.54999919  
## 13 -0.064877042 -0.98140474  
## 43 -0.046612160 -0.99137102  
## 73 -0.053926078 -0.97846512  
## 103 -0.063669323 -0.21681207  
## 133 -0.051202048 -0.46373667  
## 163 -0.066165392 -0.63103758  
## 14 -0.056617187 -0.97027496  
## 44 -0.052012161 -0.99028424  
## 74 -0.050903618 -0.96994888  
## 104 -0.038882592 -0.57175991  
## 134 -0.061597880 -0.53700210  
## 164 -0.013723762 -0.64661103  
## 15 -0.062433456 -0.97392395  
## 45 -0.052414834 -0.99288904  
## 75 -0.052278397 -0.97151431  
## 105 -0.051097649 -0.28376799  
## 135 -0.033921306 -0.45598076  
## 165 -0.076724250 -0.52553395  
## 16 -0.057679044 -0.98583546  
## 46 -0.058837127 -0.98958328  
## 76 -0.054433529 -0.98710232  
## 106 -0.053298667 -0.67588972  
## 136 -0.061213693 -0.62367602  
## 166 -0.035416300 -0.70726417  
## 17 -0.060492705 -0.98079237  
## 47 -0.051090324 -0.99525594  
## 77 -0.054633133 -0.98925720  
## 107 -0.051380717 -0.43129615  
## 137 -0.058251885 -0.52680183  
## 167 -0.022348209 -0.60604434  
## 18 -0.059313599 -0.99610444  
## 48 -0.052303040 -0.99417019  
## 78 -0.053238445 -0.98197097  
## 108 -0.050263157 -0.57813397  
## 138 -0.057059181 -0.67671618  
## 168 -0.069253621 -0.76068903  
## 19 -0.059916148 -0.97610566  
## 49 -0.059080168 -0.98846475  
## 79 -0.052376987 -0.97512669  
## 109 -0.060309196 0.08011865  
## 139 -0.054556556 0.17914865  
## 169 -0.053354588 -0.23937641  
## 20 -0.061002829 -0.98928358  
## 50 -0.046583515 -0.97741491  
## 80 -0.051815225 -0.92164424  
## 110 -0.054927371 -0.25322745  
## 140 -0.061531283 -0.24923510  
## 170 -0.051898545 -0.47110768  
## 21 -0.060139866 -0.98464372  
## 51 -0.052640988 -0.98947297  
## 81 -0.053821174 -0.97186649  
## 111 -0.062119210 -0.23890831  
## 141 -0.078843647 -0.54964832  
## 171 -0.006940664 -0.57354184  
## 22 -0.070272357 -0.97209260  
## 52 -0.051719399 -0.98567125  
## 82 -0.051317925 -0.94971603  
## 112 -0.056981246 -0.22665640  
## 142 -0.048146016 -0.26484805  
## 172 -0.067457055 -0.39669922  
## 23 -0.062199163 -0.98502785  
## 53 -0.048556109 -0.98708463  
## 83 -0.054822628 -0.97277070  
## 113 -0.090300252 -0.36396943  
## 143 -0.029325502 -0.32301570  
## 173 -0.092499853 -0.54831888  
## 24 -0.062411697 -0.97986572  
## 54 -0.051596655 -0.99144201  
## 84 -0.051718038 -0.97585681  
## 114 -0.073983552 -0.49077346  
## 144 -0.041205541 -0.35844455  
## 174 -0.049842723 -0.64048954  
## 25 -0.059692215 -0.95738115  
## 55 -0.049559564 -0.99230465  
## 85 -0.055697906 -0.97790969  
## 115 -0.051269622 -0.50795709  
## 145 -0.064207812 -0.43013439  
## 175 -0.054045222 -0.69385490  
## 26 -0.071153336 -0.99266515  
## 56 -0.048762720 -0.99588251  
## 86 -0.053254195 -0.97847241  
## 116 -0.049224055 -0.41743864  
## 146 -0.051058741 -0.17084268  
## 176 -0.059555839 -0.51582942  
## 27 -0.064279785 -0.99350372  
## 57 -0.050388356 -0.99364032  
## 87 -0.051403919 -0.98264245  
## 117 -0.065024755 -0.52325688  
## 147 -0.062104370 -0.49383761  
## 177 -0.062901372 -0.69577495  
## 28 -0.053450191 -0.96080295  
## 58 -0.057901536 -0.98215566  
## 88 -0.052589625 -0.92834340  
## 118 -0.059355248 -0.39941708  
## 148 -0.077617393 -0.16394490  
## 178 -0.075261044 -0.49428291  
## 29 -0.067446967 -0.99654254  
## 59 -0.047000898 -0.99332203  
## 89 -0.054492631 -0.98329306  
## 119 -0.039236899 -0.39590962  
## 149 -0.035964843 -0.34780756  
## 179 -0.068093878 -0.47493261  
## 30 -0.059573677 -0.98377583  
## 60 -0.048820460 -0.99386855  
## 90 -0.052030718 -0.96011907  
## 120 -0.044600723 -0.46034539  
## 150 -0.054359523 -0.54276451  
## 180 -0.036415784 -0.74274953  
## TimeBodyGyroscopeJerkSTD()-Y TimeBodyGyroscopeJerkSTD()-Z  
## 1 -0.96790724 -0.957790160  
## 31 -0.98951807 -0.987935806  
## 61 -0.99513792 -0.992108467  
## 91 -0.30446851 -0.404255453  
## 121 -0.23882483 -0.268761480  
## 151 -0.60169666 -0.606332002  
## 2 -0.98956754 -0.988035821  
## 32 -0.99088961 -0.985542326  
## 62 -0.98344726 -0.973610118  
## 92 -0.63414044 -0.435492677  
## 122 -0.46939670 -0.218266319  
## 152 -0.64549134 -0.467595961  
## 3 -0.98676274 -0.983338280  
## 33 -0.97863591 -0.973751671  
## 63 -0.96843375 -0.958293012  
## 93 -0.63908798 -0.536664080  
## 123 -0.68094734 -0.374605412  
## 153 -0.77577414 -0.573433948  
## 4 -0.98685563 -0.983965360  
## 34 -0.98444136 -0.968804832  
## 64 -0.97606517 -0.957982019  
## 94 -0.80741994 -0.640454133  
## 124 -0.81685824 -0.325780074  
## 154 -0.84072275 -0.556236585  
## 5 -0.98375948 -0.989679592  
## 35 -0.97543391 -0.964878513  
## 65 -0.96117774 -0.944755343  
## 95 -0.57143812 -0.157682544  
## 125 -0.51459149 -0.034421747  
## 155 -0.63182205 -0.282154378  
## 6 -0.95862882 -0.959579072  
## 36 -0.96178073 -0.958787671  
## 66 -0.96242216 -0.962758177  
## 96 -0.41639025 -0.166684422  
## 126 -0.19350841 0.193206499  
## 156 -0.48649412 -0.170814791  
## 7 -0.97648373 -0.988871878  
## 37 -0.98102468 -0.980954665  
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## 38 -0.98887628 -0.985241405  
## 68 -0.98550877 -0.989270901  
## 98 -0.42805570 -0.388446972  
## 128 -0.07045265 -0.189604443  
## 158 -0.42467567 -0.430366659  
## 9 -0.96217024 -0.977076160  
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## 69 -0.97503653 -0.969726484  
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## 160 -0.60462906 -0.482244799  
## 11 -0.99084572 -0.986549063  
## 41 -0.98855482 -0.981016045  
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## 12 -0.96590037 -0.969953930  
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## 132 -0.51747911 -0.365232197  
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## 13 -0.97885475 -0.989801549  
## 43 -0.99177335 -0.989861382  
## 73 -0.98098266 -0.985177043  
## 103 -0.35776090 -0.341765824  
## 133 -0.25916325 -0.367089486  
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## 14 -0.96804289 -0.979711373  
## 44 -0.98691132 -0.982819139  
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## 16 -0.98904658 -0.994465158  
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## 53 -0.98072745 -0.988130142  
## 83 -0.97250952 -0.984654516  
## 113 0.29594593 -0.374456768  
## 143 0.14665012 -0.367869640  
## 173 -0.49351412 -0.543765426  
## 24 -0.97809131 -0.992381596  
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## 114 -0.51424657 -0.557968203  
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## 25 -0.97156432 -0.974242255  
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## 85 -0.98724214 -0.980722294  
## 115 -0.79963538 -0.659576163  
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## 26 -0.98906334 -0.993759842  
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## 1 -0.8419291525 -0.79514486  
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## 62 -0.9658751813 -0.95787497  
## 92 -0.2904075937 -0.42254417  
## 122 0.0899511205 0.21558633  
## 152 -0.1073226795 -0.20597705  
## 3 -0.9727913461 -0.96421818  
## 33 -0.8953833502 -0.87030170  
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## 123 -0.0628126118 -0.04113401  
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## 4 -0.9545576031 -0.93129222  
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## 94 -0.3120505742 -0.52767910  
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## 14 -0.9059782502 -0.85659312  
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## 74 -0.9434568473 -0.93673558  
## 104 -0.1444046718 -0.36380563  
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## 15 -0.9553406615 -0.94331411  
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## 17 -0.9530214111 -0.94825799  
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## 19 -0.9662608069 -0.96319349  
## 49 -0.9620740656 -0.95175566  
## 79 -0.9605056836 -0.96254934  
## 109 0.0648173439 -0.09939272  
## 139 0.6446043251 0.41347238  
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## 112 0.0722419122 -0.16159179  
## 142 0.3309992219 0.13326748  
## 172 0.2102826083 -0.15875747  
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## 53 -0.9440807729 -0.92496326  
## 83 -0.9572122671 -0.95166986  
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## 24 -0.9718540425 -0.96935483  
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## 56 -0.9530799941 -0.93360278  
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## 116 -0.2233991718 -0.42184831  
## 146 0.1143793837 0.14700168  
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## 59 -0.9780170218 -0.96929032  
## 89 -0.9847453189 -0.98174571  
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## TimeGravityAccelerometerMagnitudeMean()  
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## 90 -0.9305735749  
## 120 -0.1951400330  
## 150 -0.0373901122  
## 180 -0.1376278572  
## TimeGravityAccelerometerMagnitudeSTD()  
## 1 -0.79514486  
## 31 -0.92707842  
## 61 -0.98194293  
## 91 -0.21968865  
## 121 0.01988435  
## 151 -0.32497093  
## 2 -0.97287391  
## 32 -0.95308144  
## 62 -0.95787497  
## 92 -0.42254417  
## 122 0.21558633  
## 152 -0.20597705  
## 3 -0.96421818  
## 33 -0.87030170  
## 63 -0.91514330  
## 93 -0.32842894  
## 123 -0.04113401  
## 153 -0.33359743  
## 4 -0.93129222  
## 34 -0.91440784  
## 64 -0.89097668  
## 94 -0.52767910  
## 124 -0.08195590  
## 154 -0.21201230  
## 5 -0.95861279  
## 35 -0.92093903  
## 65 -0.87977380  
## 95 -0.37717873  
## 125 0.20542238  
## 155 -0.13673638  
## 6 -0.89732625  
## 36 -0.93157266  
## 66 -0.93931025  
## 96 -0.26673417  
## 126 0.37361191  
## 156 -0.07915088  
## 7 -0.90703951  
## 37 -0.88195762  
## 67 -0.93359016  
## 97 -0.19855471  
## 127 0.21454403  
## 157 -0.33474461  
## 8 -0.91325033  
## 38 -0.92994362  
## 68 -0.93718719  
## 98 -0.18040728  
## 128 0.13133787  
## 158 -0.22720025  
## 9 -0.91512680  
## 39 -0.86375643  
## 69 -0.93610501  
## 99 -0.37942877  
## 129 0.26512013  
## 159 -0.40022204  
## 10 -0.94030165  
## 40 -0.93966959  
## 70 -0.93726454  
## 100 -0.18560240  
## 130 0.15699821  
## 160 -0.21153748  
## 11 -0.97289183  
## 41 -0.94458183  
## 71 -0.98030537  
## 101 -0.48773592  
## 131 0.05077437  
## 161 -0.28959215  
## 12 -0.93654269  
## 42 -0.94751710  
## 72 -0.93523295  
## 102 -0.23697287  
## 132 0.09726083  
## 162 -0.28584404  
## 13 -0.94794475  
## 43 -0.93793574  
## 73 -0.96851967  
## 103 -0.29254638  
## 133 -0.01560982  
## 163 -0.32633962  
## 14 -0.85659312  
## 44 -0.92549583  
## 74 -0.93673558  
## 104 -0.36380563  
## 134 0.42840592  
## 164 -0.01976867  
## 15 -0.94331411  
## 45 -0.93797791  
## 75 -0.94860043  
## 105 -0.32387832  
## 135 0.35320401  
## 165 -0.13655222  
## 16 -0.95789593  
## 46 -0.94105124  
## 76 -0.95729449  
## 106 -0.47180927  
## 136 0.11918374  
## 166 -0.33479508  
## 17 -0.94825799  
## 47 -0.96506519  
## 77 -0.97537731  
## 107 -0.46183787  
## 137 0.09140768  
## 167 -0.10287773  
## 18 -0.98646454  
## 48 -0.98159529  
## 78 -0.97228555  
## 108 -0.46034647  
## 138 -0.22993425  
## 168 -0.37184157  
## 19 -0.96319349  
## 49 -0.95175566  
## 79 -0.96254934  
## 109 -0.09939272  
## 139 0.41347238  
## 169 -0.17766683  
## 20 -0.93948944  
## 50 -0.93776403  
## 80 -0.91067209  
## 110 -0.15693039  
## 140 0.17263636  
## 170 -0.19826972  
## 21 -0.94218643  
## 51 -0.97199425  
## 81 -0.95691990  
## 111 -0.29970975  
## 141 0.26434190  
## 171 -0.27847428  
## 22 -0.90940776  
## 52 -0.92433618  
## 82 -0.93986632  
## 112 -0.16159179  
## 142 0.13326748  
## 172 -0.15875747  
## 23 -0.95787199  
## 53 -0.92496326  
## 83 -0.95166986  
## 113 -0.20998935  
## 143 0.23036396  
## 173 -0.27189371  
## 24 -0.96935483  
## 54 -0.96377968  
## 84 -0.94790101  
## 114 -0.48106402  
## 144 -0.02248391  
## 174 -0.30685447  
## 25 -0.64925477  
## 55 -0.96000341  
## 85 -0.96807563  
## 115 -0.56560147  
## 145 -0.25946525  
## 175 -0.48000665  
## 26 -0.96435519  
## 56 -0.93360278  
## 86 -0.96269730  
## 116 -0.42184831  
## 146 0.14700168  
## 176 -0.15070711  
## 27 -0.97892018  
## 57 -0.96952667  
## 87 -0.96636011  
## 117 -0.40735579  
## 147 0.12117628  
## 177 -0.37994879  
## 28 -0.95457403  
## 58 -0.94778270  
## 88 -0.91765833  
## 118 -0.39269402  
## 148 0.13546556  
## 178 -0.21192867  
## 29 -0.98157215  
## 59 -0.96929032  
## 89 -0.98174571  
## 119 -0.26269506  
## 149 0.13448115  
## 179 -0.04146961  
## 30 -0.96016791  
## 60 -0.94290147  
## 90 -0.91657044  
## 120 -0.35987341  
## 150 -0.01357712  
## 180 -0.32741082  
## TimeBodyAccelerometerJerkMagnitudeMean()  
## 1 -0.954396265  
## 31 -0.987364196  
## 61 -0.992367791  
## 91 -0.141428809  
## 121 -0.089447481  
## 151 -0.466503446  
## 2 -0.987741696  
## 32 -0.986774713  
## 62 -0.980489077  
## 92 -0.281424154  
## 122 0.005655163  
## 152 -0.321268911  
## 3 -0.979484593  
## 33 -0.969080753  
## 63 -0.959303840  
## 93 -0.280009317  
## 123 -0.205239247  
## 153 -0.436901159  
## 4 -0.970095772  
## 34 -0.970132284  
## 64 -0.963370738  
## 94 -0.366700880  
## 124 -0.228851414  
## 154 -0.400922255  
## 5 -0.980141254  
## 35 -0.969320156  
## 65 -0.956863566  
## 95 -0.288333024  
## 125 -0.063752856  
## 155 -0.247403477  
## 6 -0.954750505  
## 36 -0.962733502  
## 66 -0.967102436  
## 96 -0.195117026  
## 126 0.103845072  
## 156 -0.207379799  
## 7 -0.980127240  
## 37 -0.976559676  
## 67 -0.973381306  
## 97 -0.192948900  
## 127 -0.170319619  
## 157 -0.458695232  
## 8 -0.973147490  
## 38 -0.986061512  
## 68 -0.984920798  
## 98 -0.066832243  
## 128 0.262628490  
## 158 -0.141494613  
## 9 -0.963374549  
## 39 -0.964383757  
## 69 -0.969524579  
## 99 -0.203733616  
## 129 -0.162376089  
## 159 -0.440667540  
## 10 -0.976234435  
## 40 -0.988054238  
## 70 -0.965163818  
## 100 -0.132624992  
## 130 0.050701023  
## 160 -0.262038042  
## 11 -0.983330628  
## 41 -0.979355635  
## 71 -0.989242377  
## 101 -0.402333202  
## 131 -0.198206140  
## 161 -0.509587701  
## 12 -0.969843834  
## 42 -0.974734490  
## 72 -0.968790683  
## 102 -0.144064923  
## 132 -0.107091020  
## 162 -0.432469301  
## 13 -0.985467854  
## 43 -0.989497839  
## 73 -0.986800028  
## 103 -0.133205035  
## 133 -0.127926052  
## 163 -0.456190454  
## 14 -0.972576393  
## 44 -0.976521006  
## 74 -0.972965788  
## 104 -0.377293155  
## 134 0.035360138  
## 164 -0.283663836  
## 15 -0.979890228  
## 45 -0.986107839  
## 75 -0.981495126  
## 105 -0.320129323  
## 135 -0.037266607  
## 165 -0.316050382  
## 16 -0.988349657  
## 46 -0.987472699  
## 76 -0.989205232  
## 106 -0.363144484  
## 136 -0.165908811  
## 166 -0.483219050  
## 17 -0.981607628  
## 47 -0.992814715  
## 77 -0.991742754  
## 107 -0.301093269  
## 137 -0.221631694  
## 167 -0.357233898  
## 18 -0.988321540  
## 48 -0.989869575  
## 78 -0.985965294  
## 108 -0.379269262  
## 138 -0.466516044  
## 168 -0.601463948  
## 19 -0.984784340  
## 49 -0.986423976  
## 79 -0.983068924  
## 109 0.109450990  
## 139 0.434490401  
## 169 -0.114189606  
## 20 -0.984670074  
## 50 -0.978774578  
## 80 -0.956624899  
## 110 -0.042935930  
## 140 -0.061269984  
## 170 -0.255611242  
## 21 -0.982800331  
## 51 -0.985947225  
## 81 -0.974765162  
## 111 -0.148138992  
## 141 -0.080224180  
## 171 -0.355047694  
## 22 -0.971169779  
## 52 -0.979303714  
## 82 -0.975876007  
## 112 0.022919967  
## 142 -0.017978463  
## 172 -0.095784034  
## 23 -0.987010197  
## 53 -0.982375503  
## 83 -0.978671485  
## 113 -0.067081966  
## 143 0.112982476  
## 173 -0.311143885  
## 24 -0.985529271  
## 54 -0.985555822  
## 84 -0.977620954  
## 114 -0.399722201  
## 144 -0.263106945  
## 174 -0.488487621  
## 25 -0.962161356  
## 55 -0.989545142  
## 85 -0.984647071  
## 115 -0.538291425  
## 145 -0.500483331  
## 175 -0.679160844  
## 26 -0.989970604  
## 56 -0.990898436  
## 86 -0.986985214  
## 116 -0.290758025  
## 146 -0.148856266  
## 176 -0.404463896  
## 27 -0.988372774  
## 57 -0.989467178  
## 87 -0.985347620  
## 117 -0.230500549  
## 147 -0.115421211  
## 177 -0.479067422  
## 28 -0.978455342  
## 58 -0.973274367  
## 88 -0.959551987  
## 118 -0.299223359  
## 148 -0.070756028  
## 178 -0.388086248  
## 29 -0.992725368  
## 59 -0.990719808  
## 89 -0.990785420  
## 119 -0.240231677  
## 149 -0.138637624  
## 179 -0.344324833  
## 30 -0.979232820  
## 60 -0.987799056  
## 90 -0.971225190  
## 120 -0.352111714  
## 150 -0.293738802  
## 180 -0.596600100  
## TimeBodyAccelerometerJerkMagnitudeSTD() TimeBodyGyroscopeMagnitudeMean()  
## 1 -0.92824563 -0.874759548  
## 31 -0.98412002 -0.930892490  
## 61 -0.99309621 -0.976493793  
## 91 -0.07447175 -0.160979553  
## 121 -0.02578772 -0.075741254  
## 151 -0.47899162 -0.126735590  
## 2 -0.98551808 -0.950011570  
## 32 -0.98447587 -0.946035087  
## 62 -0.97667528 -0.963466342  
## 92 -0.16415099 -0.446549093  
## 122 0.22961719 -0.162188587  
## 152 -0.21738939 -0.219713473  
## 3 -0.97612130 -0.951564751  
## 33 -0.96655008 -0.919354372  
## 63 -0.94877004 -0.892089349  
## 93 -0.13991636 -0.466411754  
## 123 -0.09263245 -0.215294501  
## 153 -0.43902059 -0.347321812  
## 4 -0.96078643 -0.930236463  
## 34 -0.96254911 -0.926063314  
## 64 -0.95815948 -0.900982101  
## 94 -0.31691896 -0.497792201  
## 124 -0.21685892 -0.346606293  
## 154 -0.43726148 -0.299779408  
## 5 -0.97747715 -0.946938301  
## 35 -0.96575773 -0.934301647  
## 65 -0.94296205 -0.900671631  
## 95 -0.28224228 -0.355933084  
## 125 -0.02925705 -0.218029835  
## 155 -0.31018655 -0.235516929  
## 6 -0.95034193 -0.908980175  
## 36 -0.94818183 -0.932703812  
## 66 -0.95609915 -0.939404744  
## 96 -0.07060296 -0.281207841  
## 126 0.20950217 0.014267782  
## 156 -0.16997036 -0.129121244  
## 7 -0.96731093 -0.915793635  
## 37 -0.97024327 -0.897870535  
## 67 -0.96856636 -0.943425565  
## 97 -0.02755733 -0.305959351  
## 127 0.09018363 -0.188740819  
## 157 -0.47126571 -0.239099166  
## 8 -0.96295452 -0.924253349  
## 38 -0.98066738 -0.932682243  
## 68 -0.97993224 -0.952848497  
## 98 -0.18457105 -0.003102438  
## 128 0.25340826 0.099342974  
## 158 -0.22829636 0.166447991  
## 9 -0.95502681 -0.907125100  
## 39 -0.95178024 -0.903235537  
## 69 -0.96376418 -0.921030223  
## 99 -0.31711349 -0.294542267  
## 129 0.03990782 -0.168921401  
## 159 -0.44548540 -0.083323449  
## 10 -0.96755698 -0.937590999  
## 40 -0.98520986 -0.944202044  
## 70 -0.95205821 -0.929787260  
## 100 0.03760834 -0.156458730  
## 130 0.11087723 -0.023846804  
## 160 -0.22601020 0.043857385  
## 11 -0.97650486 -0.952523752  
## 41 -0.97451173 -0.951884472  
## 71 -0.98885396 -0.979978011  
## 101 -0.40314128 -0.421801674  
## 131 -0.12701722 -0.197883360  
## 161 -0.49048581 -0.255048337  
## 12 -0.96258092 -0.930840594  
## 42 -0.97274589 -0.941907241  
## 72 -0.96267886 -0.888101373  
## 102 -0.02028505 -0.355930365  
## 132 0.06557813 -0.213351511  
## 162 -0.32982797 -0.316561586  
## 13 -0.98006624 -0.944303112  
## 43 -0.98881310 -0.951142644  
## 73 -0.98186562 -0.957825372  
## 103 -0.13178853 -0.218669558  
## 133 -0.04339598 -0.102114481  
## 163 -0.45122593 -0.237182958  
## 14 -0.96645091 -0.904665418  
## 44 -0.97334339 -0.942756369  
## 74 -0.97043718 -0.943530017  
## 104 -0.43974692 -0.137208742  
## 134 0.19470884 0.166340012  
## 164 -0.33708627 0.365779419  
## 15 -0.97364446 -0.944605127  
## 45 -0.98463902 -0.957331628  
## 75 -0.97999480 -0.946961381  
## 105 -0.31007143 -0.243711124  
## 135 0.15963171 -0.121686321  
## 165 -0.31336355 -0.201217274  
## 16 -0.98789100 -0.951777100  
## 46 -0.98361533 -0.946417382  
## 76 -0.98676155 -0.972528178  
## 106 -0.40338656 -0.485931933  
## 136 -0.07834989 -0.309820427  
## 166 -0.49306713 -0.308260568  
## 17 -0.98012675 -0.960733122  
## 47 -0.99144650 -0.967177744  
## 77 -0.99036325 -0.978184577  
## 107 -0.27567279 -0.335009837  
## 137 -0.20657668 -0.232641763  
## 167 -0.39091245 -0.235191249  
## 18 -0.98952628 -0.980740847  
## 48 -0.99115935 -0.977634992  
## 78 -0.98601529 -0.963006793  
## 108 -0.42541866 -0.500471148  
## 138 -0.38251733 -0.381022815  
## 168 -0.57933032 -0.369108600  
## 19 -0.98066829 -0.953263433  
## 49 -0.98420518 -0.942229044  
## 79 -0.97964084 -0.941745041  
## 109 0.03565588 0.100045071  
## 139 0.45061207 0.418004609  
## 169 -0.28406069 -0.061615771  
## 20 -0.98016169 -0.960447373  
## 50 -0.97253787 -0.939574436  
## 80 -0.93845437 -0.883675029  
## 110 0.02107657 0.068627515  
## 140 0.04671858 0.093841944  
## 170 -0.23944437 0.022330254  
## 21 -0.97855262 -0.949278890  
## 51 -0.98652087 -0.964971114  
## 81 -0.97160651 -0.949837152  
## 111 -0.08384880 -0.284775645  
## 141 0.09523394 -0.184850020  
## 171 -0.40418388 -0.168982721  
## 22 -0.95984982 -0.926616373  
## 52 -0.96857678 -0.942077433  
## 82 -0.95882510 -0.931624304  
## 112 0.11153292 -0.210608044  
## 142 -0.03376410 -0.161333310  
## 172 -0.08765016 -0.128031924  
## 23 -0.98668565 -0.949418001  
## 53 -0.97366878 -0.936593427  
## 83 -0.97481153 -0.938430293  
## 113 -0.02681944 -0.012096826  
## 143 0.29208720 0.039091548  
## 173 -0.36270885 -0.156527149  
## 24 -0.98360593 -0.953791513  
## 54 -0.98541846 -0.964633252  
## 84 -0.97310834 -0.954518594  
## 114 -0.40982456 -0.403064157  
## 144 -0.14350197 -0.304965806  
## 174 -0.44106869 -0.334435840  
## 25 -0.96193161 -0.809688545  
## 55 -0.98831180 -0.966568719  
## 85 -0.98263708 -0.967077443  
## 115 -0.54287006 -0.394362401  
## 145 -0.48297693 -0.216082566  
## 175 -0.67451306 -0.318634700  
## 26 -0.98910195 -0.951863595  
## 56 -0.98998611 -0.954052946  
## 86 -0.98262625 -0.968673956  
## 116 -0.27935075 -0.392092024  
## 146 -0.11130396 -0.235314623  
## 176 -0.33453134 -0.344427048  
## 27 -0.98858677 -0.966917594  
## 57 -0.98920054 -0.963565474  
## 87 -0.98415909 -0.968702957  
## 117 -0.26613894 -0.396638754  
## 147 -0.03863674 -0.164783207  
## 177 -0.46461057 -0.286145720  
## 28 -0.97331265 -0.937106921  
## 58 -0.97030165 -0.955175567  
## 88 -0.95406839 -0.894242470  
## 118 -0.39044972 -0.310775946  
## 148 -0.04188726 -0.068246324  
## 178 -0.32536234 -0.263415283  
## 29 -0.99464692 -0.971923623  
## 59 -0.99053173 -0.962377332  
## 89 -0.99049569 -0.980657340  
## 119 -0.13303627 -0.280573268  
## 149 -0.03076934 -0.122968109  
## 179 -0.25448518 0.043962768  
## 30 -0.96964229 -0.962284921  
## 60 -0.98605764 -0.955847324  
## 90 -0.95076227 -0.913890565  
## 120 -0.35375102 -0.022964080  
## 150 -0.12528318 -0.095537321  
## 180 -0.56183771 -0.113608367  
## TimeBodyGyroscopeMagnitudeSTD() TimeBodyGyroscopeJerkMagnitudeMean()  
## 1 -0.81901017 -0.96346103  
## 31 -0.93453184 -0.99197634  
## 61 -0.97869003 -0.99496679  
## 91 -0.18697836 -0.29870368  
## 121 -0.22572437 -0.29546384  
## 151 -0.14861932 -0.59488287  
## 2 -0.96116405 -0.99176707  
## 32 -0.96131362 -0.99108149  
## 62 -0.95394338 -0.98395190  
## 92 -0.55301992 -0.54791195  
## 122 -0.27484411 -0.41087267  
## 152 -0.37753217 -0.57281644  
## 3 -0.95427511 -0.98671363  
## 33 -0.92551810 -0.97799805  
## 63 -0.88212522 -0.96233934  
## 93 -0.56151068 -0.56613522  
## 123 -0.24579470 -0.50856758  
## 153 -0.40888665 -0.65886140  
## 4 -0.94703178 -0.98506850  
## 34 -0.92889829 -0.98049046  
## 64 -0.88514432 -0.96761407  
## 94 -0.55311611 -0.68130404  
## 124 -0.38057263 -0.59284301  
## 154 -0.51097413 -0.68697837  
## 5 -0.95828792 -0.98641942  
## 35 -0.93141481 -0.97384829  
## 65 -0.86704171 -0.95840590  
## 95 -0.49217682 -0.44453249  
## 125 -0.36067831 -0.39719562  
## 155 -0.35468787 -0.47348817  
## 6 -0.92091450 -0.95564574  
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## 96 -0.36560292 -0.32129048  
## 126 -0.04262768 -0.08293669  
## 156 -0.19989371 -0.34289537  
## 7 -0.91866246 -0.98300883  
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## 67 -0.91843896 -0.97737708  
## 97 -0.19828317 -0.30002278  
## 127 -0.25975160 -0.39922996  
## 157 -0.41814485 -0.66196977  
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## 111 -0.40830443 -0.42693073  
## 141 -0.38842033 -0.45282868  
## 171 -0.42023600 -0.57793564  
## 22 -0.92391157 -0.98171694  
## 52 -0.93326849 -0.98547603  
## 82 -0.90077656 -0.97860353  
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## 142 -0.26392198 -0.45957967  
## 172 -0.20255818 -0.56811187  
## 23 -0.95722759 -0.98455748  
## 53 -0.93700610 -0.98651407  
## 83 -0.92379657 -0.97639925  
## 113 0.16334645 0.01153054  
## 143 0.05399729 -0.04631178  
## 173 -0.36673299 -0.50436715  
## 24 -0.95782993 -0.98278087  
## 54 -0.96925716 -0.99130642  
## 84 -0.95310478 -0.98238727  
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## 124 -0.63707954 -0.07223923  
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## 67 -0.97210793 -0.97668183  
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## 163 -0.66921638 -0.38246074  
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## 136 -0.59582221 0.03682635  
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## 141 -0.50913086 0.10432353  
## 171 -0.64772342 -0.31916934  
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## 53 -0.97922700 -0.98632567  
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## 113 0.25017320 -0.27540419  
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## 173 -0.55127519 -0.27260569  
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## FrequencyBodyAccelerometerMean()-Y FrequencyBodyAccelerometerMean()-Z  
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## 170 -0.029383244 -0.31843152  
## 21 -0.960069247 -0.96177219  
## 51 -0.968060947 -0.97085934  
## 81 -0.949694904 -0.96027414  
## 111 0.033846581 -0.30030907  
## 141 0.181138043 -0.07697131  
## 171 0.022159866 -0.32171297  
## 22 -0.925524703 -0.95421924  
## 52 -0.939546008 -0.94663531  
## 82 -0.929161388 -0.95710179  
## 112 0.145367520 -0.25521651  
## 142 0.225766561 -0.32279565  
## 172 0.130686539 -0.22801995  
## 23 -0.982072296 -0.97751521  
## 53 -0.953460406 -0.94203117  
## 83 -0.962831825 -0.94517057  
## 113 -0.072436732 0.08140811  
## 143 0.095943289 0.28051888  
## 173 -0.076977394 -0.07057749  
## 24 -0.980830362 -0.97663482  
## 54 -0.962773200 -0.96699178  
## 84 -0.948970158 -0.95381760  
## 114 -0.203193741 -0.34449301  
## 144 -0.086182975 -0.17382508  
## 174 -0.252412542 -0.31279221  
## 25 -0.784945819 -0.81619795  
## 55 -0.959117259 -0.97477613  
## 85 -0.959846189 -0.97405123  
## 115 -0.251880271 -0.53356322  
## 145 -0.196381054 -0.55609709  
## 175 -0.380150805 -0.54293183  
## 26 -0.983664034 -0.98492312  
## 56 -0.954299411 -0.96751915  
## 86 -0.958402318 -0.97321516  
## 116 -0.146702157 -0.33953965  
## 146 -0.006237000 -0.27964006  
## 176 -0.185528313 -0.49950276  
## 27 -0.982915952 -0.98735659  
## 57 -0.974057856 -0.97466582  
## 87 -0.961356141 -0.97414625  
## 117 -0.136783541 -0.31237260  
## 147 -0.062672957 -0.24160036  
## 177 -0.249688518 -0.41888640  
## 28 -0.958436369 -0.96111567  
## 58 -0.946351650 -0.95222679  
## 88 -0.893430393 -0.93450303  
## 118 -0.127912276 -0.35633764  
## 148 0.186441734 -0.30816163  
## 178 -0.190589069 -0.40173294  
## 29 -0.989034304 -0.98947393  
## 59 -0.969609502 -0.97562303  
## 89 -0.973345770 -0.98409602  
## 119 -0.034964233 -0.27973484  
## 149 -0.021229372 -0.26669215  
## 179 -0.196011504 -0.32048788  
## 30 -0.959974275 -0.97032199  
## 60 -0.954076042 -0.96627409  
## 90 -0.919475121 -0.93808977  
## 120 -0.193856664 -0.30955888  
## 150 -0.021663705 -0.25806737  
## 180 -0.297813769 -0.36751984  
## FrequencyBodyAccelerometerSTD()-X FrequencyBodyAccelerometerSTD()-Y  
## 1 -0.924437435 -0.833625556  
## 31 -0.976412313 -0.917275006  
## 61 -0.996028345 -0.972293102  
## 91 -0.319134720 0.056040007  
## 121 0.024330839 -0.112963740  
## 151 -0.337428189 0.021769511  
## 2 -0.973246482 -0.981025106  
## 32 -0.987362090 -0.950073754  
## 62 -0.989056470 -0.957908842  
## 92 -0.457651384 -0.169219686  
## 122 0.016104620 0.171973973  
## 152 -0.320582414 0.084880279  
## 3 -0.983691129 -0.964094604  
## 33 -0.971605878 -0.849655658  
## 63 -0.969931287 -0.892434349  
## 93 -0.379276781 -0.124030832  
## 123 -0.065441719 -0.109722354  
## 153 -0.285333024 -0.008039875  
## 4 -0.952464881 -0.946380971  
## 34 -0.981908189 -0.889467349  
## 64 -0.978737638 -0.857380282  
## 94 -0.447234930 -0.101799451  
## 124 0.039009826 -0.322531318  
## 154 -0.173217219 -0.101434446  
## 5 -0.964953894 -0.972909187  
## 35 -0.982590842 -0.902291530  
## 65 -0.970668409 -0.867933178  
## 95 -0.297517355 0.042602683  
## 125 0.336554725 0.026826988  
## 155 -0.004738197 0.165037631  
## 6 -0.932462941 -0.929711220  
## 36 -0.982451285 -0.925676956  
## 66 -0.984067374 -0.921449111  
## 96 -0.345227690 0.101699642  
## 126 0.403369767 0.283247838  
## 156 -0.021133563 0.159123777  
## 7 -0.931120581 -0.922917902  
## 37 -0.972879966 -0.904629196  
## 67 -0.980541336 -0.919118753  
## 97 -0.322034908 -0.143721823  
## 127 0.073011080 -0.190187141  
## 157 -0.279870086 -0.341025553  
## 8 -0.940125298 -0.931236757  
## 38 -0.978256731 -0.923829969  
## 68 -0.989183750 -0.936231723  
## 98 -0.148386859 0.324844931  
## 128 -0.026046326 0.232184078  
## 158 -0.175284990 0.305401460  
## 9 -0.940981027 -0.912836751  
## 39 -0.956903459 -0.867613607  
## 69 -0.977579248 -0.938790017  
## 99 -0.218019977 -0.223972559  
## 129 0.250488759 -0.273561385  
## 159 -0.369815777 -0.297641063  
## 10 -0.967968039 -0.946229148  
## 40 -0.982242428 -0.912838063  
## 70 -0.982949246 -0.921860477  
## 100 -0.206366497 -0.129775706  
## 130 0.324957743 -0.063333772  
## 160 -0.171957349 -0.051628470  
## 11 -0.985322212 -0.973589287  
## 41 -0.983389810 -0.920047162  
## 71 -0.995573763 -0.963506790  
## 101 -0.433703312 -0.096606829  
## 131 0.179906764 0.026277718  
## 161 -0.198733656 -0.088504815  
## 12 -0.955207642 -0.950640040  
## 42 -0.983999477 -0.926033976  
## 72 -0.983647207 -0.922852028  
## 102 -0.160707261 -0.208515280  
## 132 0.048334707 0.016749510  
## 162 -0.278929748 -0.130175559  
## 13 -0.966960088 -0.947462328  
## 43 -0.989410583 -0.933666503  
## 73 -0.991817705 -0.947179813  
## 103 -0.353299849 0.092196893  
## 133 -0.068043622 -0.092444417  
## 163 -0.266081292 0.114656710  
## 14 -0.911972655 -0.905221049  
## 44 -0.976303057 -0.911591208  
## 74 -0.973605554 -0.926055903  
## 104 -0.395859986 -0.054270997  
## 134 0.014082609 0.293633900  
## 164 -0.304980248 0.356072772  
## 15 -0.971718825 -0.964590430  
## 45 -0.987384779 -0.919162700  
## 75 -0.990060963 -0.930286443  
## 105 -0.332520627 0.080564624  
## 135 0.466325681 0.119993604  
## 165 -0.008382438 -0.019132833  
## 16 -0.971409075 -0.937083637  
## 46 -0.986892418 -0.949829260  
## 76 -0.989100621 -0.958174310  
## 106 -0.409070488 -0.354370679  
## 136 0.266115492 -0.208680588  
## 166 -0.369636141 -0.166324239  
## 17 -0.972438525 -0.942791616  
## 47 -0.994657314 -0.959789142  
## 77 -0.991318528 -0.966427324  
## 107 -0.304806274 -0.055613793  
## 137 0.258941676 -0.086052736  
## 167 -0.035538117 -0.025278174  
## 18 -0.984321858 -0.986746451  
## 48 -0.994906566 -0.974980069  
## 78 -0.992789068 -0.952911995  
## 108 -0.378068199 -0.267273645  
## 138 -0.285535872 -0.273798158  
## 168 -0.350639841 -0.190550638  
## 19 -0.962085001 -0.974832076  
## 49 -0.975204245 -0.948053070  
## 79 -0.991161671 -0.943193755  
## 109 -0.057882079 0.112615078  
## 139 0.658506543 0.427928785  
## 169 -0.119934775 0.132557581  
## 20 -0.960997907 -0.964960988  
## 50 -0.983978375 -0.935031700  
## 80 -0.969806179 -0.872525409  
## 110 -0.234985644 0.438436341  
## 140 0.113033424 0.560191344  
## 170 -0.108444760 0.164546750  
## 21 -0.950929451 -0.957258971  
## 51 -0.992375229 -0.967561290  
## 81 -0.982892837 -0.943545158  
## 111 -0.308547185 -0.002562942  
## 141 0.266987751 0.277894323  
## 171 -0.213184048 0.082343428  
## 22 -0.945656808 -0.912562857  
## 52 -0.978623190 -0.926995253  
## 82 -0.987400306 -0.923657558  
## 112 0.024395819 0.003868411  
## 142 0.402891960 0.167409717  
## 172 0.132048813 0.230058772  
## 23 -0.952410958 -0.974304149  
## 53 -0.988345258 -0.930781487  
## 83 -0.986333386 -0.958042411  
## 113 -0.329807280 -0.202524062  
## 143 -0.028296248 0.043228369  
## 173 -0.234309548 0.038059741  
## 24 -0.965167082 -0.984571808  
## 54 -0.991100005 -0.954998005  
## 84 -0.988851853 -0.934454791  
## 114 -0.462733639 -0.182766477  
## 144 -0.034908595 -0.169191148  
## 174 -0.326165553 -0.107787679  
## 25 -0.902547712 -0.672384256  
## 55 -0.992124279 -0.944842993  
## 85 -0.992851743 -0.954179330  
## 115 -0.591449956 -0.170313804  
## 145 -0.213028874 -0.166842376  
## 175 -0.437975787 -0.199988429  
## 26 -0.967971891 -0.983317084  
## 56 -0.978755177 -0.937783539  
## 86 -0.993702408 -0.947829677  
## 116 -0.347997926 -0.185725832  
## 146 0.226783844 -0.078283778  
## 176 -0.142843838 -0.043947307  
## 27 -0.977615703 -0.984269088  
## 57 -0.988659196 -0.971266063  
## 87 -0.992875825 -0.954381606  
## 117 -0.365256349 -0.267741550  
## 147 0.194912717 -0.175647065  
## 177 -0.253504066 -0.079405982  
## 28 -0.967324864 -0.942003978  
## 58 -0.984956709 -0.939885478  
## 88 -0.980267490 -0.874469266  
## 118 -0.298832423 -0.168789020  
## 148 0.137797083 0.065301200  
## 178 -0.233726644 -0.178554981  
## 29 -0.983432309 -0.990680395  
## 59 -0.990617521 -0.961693949  
## 89 -0.996604570 -0.968278553  
## 119 -0.190355977 -0.182068540  
## 149 0.187438624 -0.239349054  
## 179 -0.079062531 -0.141258067  
## 30 -0.977045261 -0.953558400  
## 60 -0.983231005 -0.933992578  
## 90 -0.980426576 -0.885572782  
## 120 -0.344928112 -0.215634315  
## 150 -0.040525709 -0.093468261  
## 180 -0.326260358 -0.104299180  
## FrequencyBodyAccelerometerSTD()-Z FrequencyBodyAccelerometerMeanFreq()-X  
## 1 -0.81289156 -1.587927e-01  
## 31 -0.93446956 -4.951360e-02  
## 61 -0.97793726 8.651536e-02  
## 91 -0.27968675 -2.075484e-01  
## 121 -0.29792789 -3.073952e-01  
## 151 0.08595655 -4.187350e-01  
## 2 -0.98479218 -1.464828e-01  
## 32 -0.95686286 8.519282e-02  
## 62 -0.94643358 1.085192e-01  
## 92 -0.45522215 -1.457955e-01  
## 122 -0.16203289 -2.737116e-01  
## 152 -0.09454498 -2.817480e-01  
## 3 -0.96327908 -7.395264e-02  
## 33 -0.86432246 3.129894e-02  
## 63 -0.90480125 -8.702483e-02  
## 93 -0.42299847 -2.466142e-01  
## 123 -0.38972303 -3.258637e-01  
## 153 -0.35079723 -4.612497e-01  
## 4 -0.96215445 -2.741946e-01  
## 34 -0.92699932 3.738176e-02  
## 64 -0.88755432 6.210000e-02  
## 94 -0.59419833 -1.385916e-01  
## 124 -0.51269430 -3.422857e-01  
## 154 -0.34510982 -4.868117e-01  
## 5 -0.96588219 -1.356325e-01  
## 35 -0.92184351 -2.093305e-02  
## 65 -0.85823139 -1.640668e-02  
## 95 -0.48305996 -3.223820e-01  
## 125 -0.35339785 -4.535245e-01  
## 155 -0.28925666 -4.277061e-01  
## 6 -0.92400475 -2.197299e-01  
## 36 -0.92576848 3.046954e-03  
## 66 -0.92206722 6.645218e-02  
## 96 -0.55047462 -1.968417e-01  
## 126 -0.40601431 -4.116493e-01  
## 156 -0.36587418 -4.451206e-01  
## 7 -0.95338065 -6.359130e-01  
## 37 -0.84408305 -3.343122e-02  
## 67 -0.91235881 -7.970473e-02  
## 97 0.13331683 -3.137274e-01  
## 127 -0.10012149 -3.656505e-01  
## 157 -0.12491227 -4.326846e-01  
## 8 -0.93114650 -3.072484e-01  
## 38 -0.93388985 -1.641874e-01  
## 68 -0.91974496 2.311557e-02  
## 98 -0.15843734 -3.808924e-01  
## 128 0.02149148 -2.007579e-01  
## 158 0.13376619 -2.901178e-01  
## 9 -0.94197116 -4.459628e-01  
## 39 -0.81800183 -1.093838e-01  
## 69 -0.91389683 -1.057117e-01  
## 99 -0.03379653 -3.107276e-01  
## 129 -0.03494949 -4.406339e-01  
## 159 -0.24408181 -3.412197e-01  
## 10 -0.95981367 -1.405202e-01  
## 40 -0.96612104 -8.261407e-02  
## 70 -0.93809868 1.591236e-01  
## 100 -0.43530422 -2.633259e-01  
## 130 -0.26868617 -3.216791e-01  
## 160 -0.03423472 -3.003909e-01  
## 11 -0.97166808 -6.377098e-02  
## 41 -0.96788439 -5.034040e-02  
## 71 -0.98595852 8.901024e-02  
## 101 -0.52309339 -3.736079e-01  
## 131 -0.34862658 -4.002964e-01  
## 161 -0.11370177 -5.244794e-01  
## 12 -0.94838083 -2.356072e-01  
## 42 -0.93591696 3.266997e-02  
## 72 -0.91418918 6.362376e-02  
## 102 -0.45214669 -2.614260e-01  
## 132 -0.48739013 -3.322492e-01  
## 162 -0.41859999 -4.202356e-01  
## 13 -0.94585214 -2.629906e-01  
## 43 -0.93418901 -9.351473e-03  
## 73 -0.96404808 3.280625e-02  
## 103 -0.26989640 -2.314627e-01  
## 133 -0.23331518 -3.855545e-01  
## 163 -0.18484223 -4.800801e-01  
## 14 -0.89405571 -4.429504e-01  
## 44 -0.91767816 -1.450440e-01  
## 74 -0.91778186 -2.459050e-01  
## 104 0.08548921 -3.588046e-01  
## 134 0.42756383 -3.496099e-01  
## 164 0.68712416 -3.891336e-01  
## 15 -0.92392399 -1.489121e-01  
## 45 -0.94570471 -4.229048e-05  
## 75 -0.94790591 6.271776e-02  
## 105 -0.53702641 -3.955180e-01  
## 135 -0.35740756 -4.455767e-01  
## 165 -0.34960035 -5.050136e-01  
## 16 -0.96252437 -3.464136e-01  
## 46 -0.93465215 -7.578596e-03  
## 76 -0.94854027 -1.623714e-02  
## 106 -0.18050132 -3.506820e-01  
## 136 -0.03797162 -4.479584e-01  
## 166 -0.09456123 -4.380311e-01  
## 17 -0.95011696 -1.151418e-01  
## 47 -0.96292107 2.848663e-02  
## 77 -0.96699900 -3.255325e-02  
## 107 -0.26239159 -4.149410e-01  
## 137 -0.24541354 -5.145622e-01  
## 167 -0.20481571 -5.292345e-01  
## 18 -0.98722480 -9.752781e-02  
## 48 -0.97572212 5.123633e-02  
## 78 -0.95721618 1.566958e-02  
## 108 -0.43986158 -3.621071e-01  
## 138 -0.41825865 -4.358415e-01  
## 168 -0.26957139 -5.175968e-01  
## 19 -0.98474100 -2.531887e-01  
## 49 -0.94751493 -3.152881e-01  
## 79 -0.94775396 4.241640e-02  
## 109 -0.23387233 -1.764475e-01  
## 139 -0.07836350 -3.231372e-01  
## 169 -0.23998070 -3.441017e-01  
## 20 -0.97190132 -2.130343e-01  
## 50 -0.92494718 -6.188904e-02  
## 80 -0.91099586 -7.327939e-02  
## 110 -0.26649773 -2.273199e-01  
## 140 -0.21391676 -4.975147e-01  
## 170 -0.24243897 -4.484923e-01  
## 21 -0.94091901 -5.170305e-01  
## 51 -0.95641251 8.791106e-02  
## 81 -0.94245891 -8.500762e-02  
## 111 -0.16496103 -1.594484e-01  
## 141 -0.14508171 -4.372315e-01  
## 171 -0.22716417 -4.179906e-01  
## 22 -0.94116395 -2.246635e-01  
## 52 -0.90934431 -1.627254e-01  
## 82 -0.93840988 6.723360e-03  
## 112 -0.25364361 -2.183854e-01  
## 142 -0.38324268 -3.677138e-01  
## 172 -0.11675334 -2.139683e-01  
## 23 -0.97226128 -4.241512e-01  
## 53 -0.89612526 4.594669e-02  
## 83 -0.92611010 -4.281565e-03  
## 113 0.11614344 -2.712187e-01  
## 143 0.09479410 -2.346936e-01  
## 173 0.10450876 -4.169504e-01  
## 24 -0.97305778 -4.019454e-01  
## 54 -0.95440270 -1.659930e-02  
## 84 -0.92380247 1.053207e-01  
## 114 -0.31464692 -3.120463e-01  
## 144 -0.29155382 -5.416639e-01  
## 174 -0.28314344 -5.024633e-01  
## 25 -0.69410037 -4.033595e-01  
## 55 -0.96209061 -3.163983e-02  
## 85 -0.96212374 3.435282e-02  
## 115 -0.43062459 -3.476417e-01  
## 145 -0.44946544 -5.546327e-01  
## 175 -0.23729674 -5.933674e-01  
## 26 -0.98485449 -2.102380e-01  
## 56 -0.94478134 -1.490176e-01  
## 86 -0.96002780 9.101913e-02  
## 116 -0.38444532 -2.992939e-01  
## 146 -0.34664852 -5.514384e-01  
## 176 -0.40090226 -3.843939e-01  
## 27 -0.98658239 -1.737194e-01  
## 57 -0.96322067 -5.851530e-02  
## 87 -0.95892479 1.378049e-01  
## 117 -0.34551522 -3.016603e-01  
## 147 -0.30309070 -3.903669e-01  
## 177 -0.19733887 -4.654258e-01  
## 28 -0.95677090 -3.301100e-01  
## 58 -0.93304548 -1.554813e-02  
## 88 -0.89760080 3.553527e-04  
## 118 -0.32604620 -3.750469e-01  
## 148 -0.41694028 -3.511953e-01  
## 178 -0.28168516 -3.789819e-01  
## 29 -0.98637878 -8.760597e-02  
## 59 -0.96580097 -2.866874e-02  
## 89 -0.97880297 1.286785e-01  
## 119 -0.28334810 -3.135741e-01  
## 149 -0.26207324 -4.038704e-01  
## 179 0.20305784 -4.382577e-01  
## 30 -0.96718820 -2.229584e-01  
## 60 -0.94620382 -1.227005e-01  
## 90 -0.90728679 -5.327922e-02  
## 120 -0.09314476 -3.463571e-01  
## 150 -0.25739337 -4.633029e-01  
## 180 0.12144741 -5.902615e-01  
## FrequencyBodyAccelerometerMeanFreq()-Y  
## 1 0.0975348416  
## 31 0.0759460769  
## 61 0.1174789487  
## 91 0.1130936461  
## 121 0.0632200839  
## 151 -0.1606972135  
## 2 0.2572894655  
## 32 0.1501939562  
## 62 0.0623378067  
## 92 0.1985864665  
## 122 0.0119309606  
## 152 -0.0618894459  
## 3 0.2384707514  
## 33 -0.0066163057  
## 63 -0.1281801301  
## 93 0.1717430030  
## 123 0.0529065241  
## 153 -0.1000191622  
## 4 0.3662314490  
## 34 0.0787860093  
## 64 -0.0669875049  
## 94 0.0123477343  
## 124 0.2135817450  
## 154 -0.0662348475  
## 5 0.4665282318  
## 35 0.0684590034  
## 65 -0.0089441319  
## 95 -0.0020405110  
## 125 0.0363662394  
## 155 -0.1224873239  
## 6 0.3484187461  
## 36 0.1233818297  
## 66 -0.0866319978  
## 96 0.0220734188  
## 126 0.0219111782  
## 156 -0.0948830033  
## 7 -0.0438292666  
## 37 0.0147166712  
## 67 -0.1597300590  
## 97 0.1604341290  
## 127 -0.0314736616  
## 157 -0.1350791768  
## 8 0.0053975436  
## 38 0.1072783385  
## 68 0.0771842726  
## 98 0.0035616376  
## 128 0.0511555478  
## 158 -0.1002544059  
## 9 -0.2153367527  
## 39 -0.1200933959  
## 69 -0.0037872186  
## 99 0.0213195015  
## 129 0.0625058244  
## 159 -0.2470861515  
## 10 0.2005540884  
## 40 0.0279319738  
## 70 -0.0126234260  
## 100 0.2437974968  
## 130 0.0667192523  
## 160 -0.0035449233  
## 11 0.2519454722  
## 41 0.0967747743  
## 71 0.0557408976  
## 101 0.0128761034  
## 131 -0.0561892265  
## 161 -0.1892321588  
## 12 0.1913727006  
## 42 0.0024151626  
## 72 -0.0493281733  
## 102 0.1491074887  
## 132 0.0793321823  
## 162 -0.1052696539  
## 13 0.0363424961  
## 43 0.0253459477  
## 73 -0.0303584248  
## 103 0.0194304159  
## 133 -0.0142120102  
## 163 -0.2471656377  
## 14 -0.1497520549  
## 44 -0.0904275272  
## 74 -0.1384311666  
## 104 -0.1436668813  
## 134 -0.0077774959  
## 164 -0.3665431219  
## 15 0.2405974388  
## 45 0.0966857195  
## 75 -0.0344990031  
## 105 0.0291755441  
## 135 0.0233642533  
## 165 -0.1497709078  
## 16 -0.1830181401  
## 46 0.1499879341  
## 76 0.0673569419  
## 106 -0.0270392029  
## 136 -0.0026458798  
## 166 -0.2236449835  
## 17 0.0546075609  
## 47 0.1357490497  
## 77 0.0455207737  
## 107 0.0085713807  
## 137 -0.1558010138  
## 167 -0.1566943746  
## 18 0.2644600739  
## 48 0.1712898802  
## 78 -0.0437104539  
## 108 0.0639302961  
## 138 -0.1400943038  
## 168 -0.2494486493  
## 19 0.2924929302  
## 49 -0.0074106023  
## 79 -0.0362605168  
## 109 0.0570767305  
## 139 0.0126113512  
## 169 0.0197674162  
## 20 0.2744524205  
## 50 -0.0050092864  
## 80 -0.1647706755  
## 110 -0.0036860259  
## 140 -0.0494956417  
## 170 -0.1556620863  
## 21 0.0857486931  
## 51 0.1735322299  
## 81 0.0366345351  
## 111 0.0431149928  
## 141 -0.1469487312  
## 171 -0.0961003618  
## 22 0.0878775831  
## 52 -0.0080693305  
## 82 -0.1223879986  
## 112 0.3097671081  
## 142 0.0282644423  
## 172 -0.0343404000  
## 23 0.0637688819  
## 53 0.1300838580  
## 83 0.0025202669  
## 113 0.1078045889  
## 143 0.0130298525  
## 173 -0.1880684138  
## 24 0.2808890234  
## 54 0.0015483503  
## 84 -0.0931357414  
## 114 -0.0678927124  
## 144 -0.0116848720  
## 174 -0.2717136466  
## 25 -0.0800093984  
## 55 0.1253067233  
## 85 0.0009277035  
## 115 -0.1632984272  
## 145 -0.1734140573  
## 175 -0.3795184551  
## 26 0.2743783151  
## 56 0.1128302397  
## 86 0.0021618487  
## 116 -0.0539623026  
## 146 0.0044402193  
## 176 -0.2313589591  
## 27 0.2546365521  
## 57 0.1446257902  
## 87 0.0654583122  
## 117 0.1542803921  
## 147 0.0530611096  
## 177 -0.1813564063  
## 28 -0.0748391009  
## 58 -0.0192655570  
## 88 -0.1354306391  
## 118 -0.0561251397  
## 148 0.0116076206  
## 178 -0.0852282261  
## 29 0.3282593546  
## 59 0.1076093177  
## 89 0.0047342003  
## 119 0.2326763157  
## 149 0.1828974943  
## 179 -0.1319720127  
## 30 0.0705691087  
## 60 0.0071381506  
## 90 -0.2378598199  
## 120 0.0306217233  
## 150 -0.0640945646  
## 180 -0.3338216970  
## FrequencyBodyAccelerometerMeanFreq()-Z  
## 1 0.0894376552  
## 31 0.2388298701  
## 61 0.2448585858  
## 91 0.0497265196  
## 121 0.2943227008  
## 151 -0.5201147936  
## 2 0.4025325534  
## 32 0.0960646760  
## 62 0.1044624996  
## 92 0.0688995208  
## 122 0.0903678547  
## 152 -0.2365890923  
## 3 0.2169716717  
## 33 0.0478619586  
## 63 0.0077189788  
## 93 0.0748536557  
## 123 -0.0566003045  
## 153 -0.2788959113  
## 4 0.2013295920  
## 34 0.0120942660  
## 64 -0.0377822772  
## 94 -0.0787892637  
## 124 0.0478375670  
## 154 -0.2305367066  
## 5 0.1323108713  
## 35 0.0403161796  
## 65 -0.0282875225  
## 95 0.0247389729  
## 125 -0.0043722037  
## 155 -0.1352646159  
## 6 0.1614579278  
## 36 0.0818455300  
## 66 0.0208815076  
## 96 0.1851070423  
## 126 0.3062531664  
## 156 -0.0667867912  
## 7 0.2371119873  
## 37 -0.1017660836  
## 67 0.0009889401  
## 97 0.1246301711  
## 127 0.0824424244  
## 157 -0.2737305214  
## 8 0.1924357871  
## 38 0.0600484578  
## 68 0.1211814738  
## 98 0.1119472054  
## 128 0.2230784896  
## 158 -0.1918526564  
## 9 0.1781072809  
## 39 -0.1317488735  
## 69 0.0001654241  
## 99 0.0237831761  
## 129 -0.0424266602  
## 159 -0.2152039928  
## 10 0.3173288746  
## 40 0.2336440200  
## 70 0.0776098481  
## 100 0.2589679664  
## 130 0.2570673144  
## 160 -0.2899694190  
## 11 0.2260358410  
## 41 0.2434697864  
## 71 0.2923902456  
## 101 0.0404557559  
## 131 0.0053144517  
## 161 -0.4865498972  
## 12 0.1714740009  
## 42 -0.0226159354  
## 72 0.0798244568  
## 102 0.1708029494  
## 132 0.2348333126  
## 162 -0.2172169872  
## 13 0.0764724259  
## 43 0.1546520935  
## 73 0.0874273262  
## 103 0.1521609669  
## 133 0.1200507675  
## 163 -0.2851772887  
## 14 0.0313442250  
## 44 -0.0357959047  
## 74 0.0025302263  
## 104 -0.1755288301  
## 134 -0.0984339940  
## 164 -0.3678771893  
## 15 0.0627474805  
## 45 0.1510531273  
## 75 0.0993963491  
## 105 -0.0059076868  
## 135 0.1807489441  
## 165 -0.2509616137  
## 16 0.1306791931  
## 46 0.1315604206  
## 76 0.0525158714  
## 106 0.0309811083  
## 136 0.0352940709  
## 166 -0.3015082489  
## 17 0.0834467171  
## 47 0.1839136304  
## 77 0.1075847337  
## 107 -0.0933328732  
## 137 -0.1133331856  
## 167 -0.2583213941  
## 18 0.3242755389  
## 48 0.1714594817  
## 78 -0.0176421533  
## 108 0.0048836155  
## 138 -0.0976588501  
## 168 -0.4068852862  
## 19 0.2937222609  
## 49 -0.0035781574  
## 79 0.0261012091  
## 109 0.3518600116  
## 139 0.2939563865  
## 169 0.0488512924  
## 20 0.2768985398  
## 50 0.0087388649  
## 80 -0.0103801729  
## 110 0.2394146302  
## 140 0.0511864886  
## 170 -0.1090836160  
## 21 0.0249888788  
## 51 0.1279844742  
## 81 0.0292119055  
## 111 0.0951469189  
## 141 0.1323181028  
## 171 -0.1364310408  
## 22 0.2148694199  
## 52 -0.0999192595  
## 82 -0.0427793764  
## 112 0.3064734499  
## 142 0.1831540510  
## 172 -0.0330889779  
## 23 0.2984166583  
## 53 0.0837341059  
## 83 -0.0022519526  
## 113 0.1217989059  
## 143 0.1785209698  
## 173 -0.2035071482  
## 24 0.2426691918  
## 54 0.0972629588  
## 84 0.0014607279  
## 114 0.0275268024  
## 144 0.2012990745  
## 174 -0.0999242115  
## 25 -0.0315562255  
## 55 0.1081785465  
## 85 0.1953876830  
## 115 -0.1444873902  
## 145 -0.1520082689  
## 175 -0.4635119841  
## 26 0.3746139410  
## 56 0.0745313733  
## 86 0.1455117567  
## 116 0.2403643436  
## 146 0.1399744981  
## 176 -0.1890885868  
## 27 0.3600785424  
## 57 0.1216350591  
## 87 0.0912563979  
## 117 0.2484463490  
## 147 0.1546633276  
## 177 -0.2615504010  
## 28 0.2333085194  
## 58 -0.0027382696  
## 88 -0.1263253597  
## 118 -0.0130058805  
## 148 0.2020303121  
## 178 -0.1926573925  
## 29 0.3347873994  
## 59 0.2103353134  
## 89 0.1745245315  
## 119 0.1201970071  
## 149 0.0453756758  
## 179 -0.5127614057  
## 30 0.2302697539  
## 60 0.0927750236  
## 90 -0.0288534479  
## 120 -0.0837532848  
## 150 0.0428809890  
## 180 -0.5122483931  
## FrequencyBodyAccelerometerJerkMean()-X  
## 1 -0.957073884  
## 31 -0.986597023  
## 61 -0.994630797  
## 91 -0.170546965  
## 121 -0.027663868  
## 151 -0.479875246  
## 2 -0.985813631  
## 32 -0.987848794  
## 62 -0.980973242  
## 92 -0.304615323  
## 122 0.138120681  
## 152 -0.258639440  
## 3 -0.980513202  
## 33 -0.974950363  
## 63 -0.957666857  
## 93 -0.304694443  
## 123 -0.090670713  
## 153 -0.478434306  
## 4 -0.978542457  
## 34 -0.976845713  
## 64 -0.972310894  
## 94 -0.358883414  
## 124 -0.161632908  
## 154 -0.418304647  
## 5 -0.982689657  
## 35 -0.976024951  
## 65 -0.963059235  
## 95 -0.344954806  
## 125 -0.036801215  
## 155 -0.289725470  
## 6 -0.967072437  
## 36 -0.971037480  
## 66 -0.973480539  
## 96 -0.150942918  
## 126 0.136554991  
## 156 -0.244812770  
## 7 -0.980393047  
## 37 -0.982037244  
## 67 -0.976323086  
## 97 -0.383715798  
## 127 -0.030522669  
## 157 -0.454647882  
## 8 -0.973110596  
## 38 -0.984977271  
## 68 -0.989029239  
## 98 -0.311198711  
## 128 0.214841403  
## 158 -0.200277249  
## 9 -0.964304065  
## 39 -0.965596240  
## 69 -0.971313769  
## 99 -0.314265401  
## 129 -0.064535434  
## 159 -0.402044750  
## 10 -0.979014669  
## 40 -0.989365014  
## 70 -0.963565166  
## 100 -0.107941107  
## 130 0.181419131  
## 160 -0.201214322  
## 11 -0.984884874  
## 41 -0.980831750  
## 71 -0.992385451  
## 101 -0.453265269  
## 131 -0.120463005  
## 161 -0.495927372  
## 12 -0.968742759  
## 42 -0.977109887  
## 72 -0.971971634  
## 102 -0.081619795  
## 132 -0.007014723  
## 162 -0.385843754  
## 13 -0.985199684  
## 43 -0.992678213  
## 73 -0.988198277  
## 103 -0.290460802  
## 133 -0.114851556  
## 163 -0.506212136  
## 14 -0.972010709  
## 44 -0.981566649  
## 74 -0.978181640  
## 104 -0.472360617  
## 134 -0.033782046  
## 164 -0.383497147  
## 15 -0.981329999  
## 45 -0.988106102  
## 75 -0.985353493  
## 105 -0.390821985  
## 135 0.061968749  
## 165 -0.237053073  
## 16 -0.988580046  
## 46 -0.990964251  
## 76 -0.991038639  
## 106 -0.441406183  
## 136 -0.155444883  
## 166 -0.546088863  
## 17 -0.981472069  
## 47 -0.994542621  
## 77 -0.992129226  
## 107 -0.423446095  
## 137 -0.215092049  
## 167 -0.360272226  
## 18 -0.986404709  
## 48 -0.991924710  
## 78 -0.989544971  
## 108 -0.414797154  
## 138 -0.412728287  
## 168 -0.589410590  
## 19 -0.983478562  
## 49 -0.986775590  
## 79 -0.985039596  
## 109 0.033638100  
## 139 0.474317256  
## 169 -0.205322646  
## 20 -0.983889985  
## 50 -0.982243603  
## 80 -0.959710489  
## 110 -0.138717234  
## 140 -0.199360431  
## 170 -0.256162265  
## 21 -0.984188841  
## 51 -0.989759187  
## 81 -0.976803011  
## 111 -0.200442011  
## 141 -0.037789471  
## 171 -0.436839580  
## 22 -0.969570327  
## 52 -0.980944506  
## 82 -0.974969215  
## 112 -0.036704708  
## 142 0.038336420  
## 172 -0.038244979  
## 23 -0.986204659  
## 53 -0.984550864  
## 83 -0.983283252  
## 113 -0.290410455  
## 143 0.201542909  
## 173 -0.365642513  
## 24 -0.985998547  
## 54 -0.988857403  
## 84 -0.981161641  
## 114 -0.509628169  
## 144 -0.376175795  
## 174 -0.515644617  
## 25 -0.972859086  
## 55 -0.992478846  
## 85 -0.988404655  
## 115 -0.625595377  
## 145 -0.525789451  
## 175 -0.668208156  
## 26 -0.989224044  
## 56 -0.992025427  
## 86 -0.990586982  
## 116 -0.364226764  
## 146 -0.201368098  
## 176 -0.304540556  
## 27 -0.986679573  
## 57 -0.990839607  
## 87 -0.987771749  
## 117 -0.345482737  
## 147 -0.043782626  
## 177 -0.503113856  
## 28 -0.980013419  
## 58 -0.976891805  
## 88 -0.968513715  
## 118 -0.362601980  
## 148 -0.026867698  
## 178 -0.318866730  
## 29 -0.992153982  
## 59 -0.993445760  
## 89 -0.993736906  
## 119 -0.210469887  
## 149 -0.038245821  
## 179 -0.225067771  
## 30 -0.976887902  
## 60 -0.988775436  
## 90 -0.967857589  
## 120 -0.389595631  
## 150 -0.234923147  
## 180 -0.550678420  
## FrequencyBodyAccelerometerJerkMean()-Y  
## 1 -0.922462610  
## 31 -0.981579467  
## 61 -0.985418705  
## 91 -0.035225524  
## 121 -0.128667158  
## 151 -0.413444588  
## 2 -0.982768250  
## 32 -0.977139703  
## 62 -0.970851338  
## 92 -0.078764084  
## 122 0.096209161  
## 152 -0.187842132  
## 3 -0.968752114  
## 33 -0.954170151  
## 63 -0.943497974  
## 93 -0.140508590  
## 123 -0.135938543  
## 153 -0.283772547  
## 4 -0.943969987  
## 34 -0.944298391  
## 64 -0.937624242  
## 94 -0.279553392  
## 124 -0.172941629  
## 154 -0.297805187  
## 5 -0.965328566  
## 35 -0.954237490  
## 65 -0.931370209  
## 95 -0.181055554  
## 125 -0.056803296  
## 155 -0.196817921  
## 6 -0.936043420  
## 36 -0.947070821  
## 66 -0.951405465  
## 96 -0.075374232  
## 126 0.137202452  
## 156 -0.122991594  
## 7 -0.972531649  
## 37 -0.969423613  
## 67 -0.967165093  
## 97 -0.123192887  
## 127 -0.316236510  
## 157 -0.537075670  
## 8 -0.975877437  
## 38 -0.980221105  
## 68 -0.976177675  
## 98 0.079683287  
## 128 0.220639688  
## 158 -0.025795259  
## 9 -0.964082806  
## 39 -0.958007391  
## 69 -0.962624299  
## 99 -0.367706595  
## 129 -0.313643042  
## 159 -0.608498592  
## 10 -0.968039174  
## 40 -0.980962856  
## 70 -0.942187760  
## 100 0.030905202  
## 130 -0.119504296  
## 160 -0.206872839  
## 11 -0.973882497  
## 41 -0.967454618  
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## 101 -0.241801726  
## 131 -0.177479240  
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## 12 -0.963223332  
## 42 -0.964236191  
## 72 -0.953291780  
## 102 -0.141374071  
## 132 0.006394069  
## 162 -0.333077591  
## 13 -0.980375137  
## 43 -0.983914102  
## 73 -0.977752775  
## 103 -0.043919514  
## 133 -0.207812348  
## 163 -0.368996179  
## 14 -0.969342124  
## 44 -0.968951770  
## 74 -0.967249905  
## 104 -0.376766601  
## 134 0.164775056  
## 164 -0.347606640  
## 15 -0.970833222  
## 45 -0.978159013  
## 75 -0.967884709  
## 105 -0.066937806  
## 135 -0.026976942  
## 165 -0.338102217  
## 16 -0.984752927  
## 46 -0.981752167  
## 76 -0.982425404  
## 106 -0.454270822  
## 136 -0.289957855  
## 166 -0.468605205  
## 17 -0.977212388  
## 47 -0.988327420  
## 77 -0.986278342  
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## 137 -0.351268404  
## 167 -0.377051929  
## 18 -0.985865325  
## 48 -0.983642392  
## 78 -0.975243690  
## 108 -0.361908549  
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## 79 -0.970011346  
## 109 0.010731870  
## 139 0.276716853  
## 169 -0.073928372  
## 20 -0.977220708  
## 50 -0.971158288  
## 80 -0.935717554  
## 110 0.157933952  
## 140 0.205829017  
## 170 -0.312161099  
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## 51 -0.979180439  
## 81 -0.964503016  
## 111 -0.112564739  
## 141 -0.107306348  
## 171 -0.205067301  
## 22 -0.954833264  
## 52 -0.963129473  
## 82 -0.952141454  
## 112 0.159995614  
## 142 -0.003091553  
## 172 -0.075182928  
## 23 -0.988230264  
## 53 -0.978136218  
## 83 -0.975176562  
## 113 -0.155488721  
## 143 -0.072450456  
## 173 -0.326236288  
## 24 -0.982140614  
## 54 -0.979228238  
## 84 -0.967720592  
## 114 -0.352829307  
## 144 -0.225824357  
## 174 -0.527604244  
## 25 -0.946802004  
## 55 -0.982957003  
## 85 -0.972554453  
## 115 -0.434455200  
## 145 -0.415699644  
## 175 -0.640849425  
## 26 -0.987115081  
## 56 -0.985862886  
## 86 -0.976267059  
## 116 -0.298531982  
## 146 -0.165552378  
## 176 -0.419344696  
## 27 -0.985257277  
## 57 -0.985238584  
## 87 -0.975868680  
## 117 -0.194767362  
## 147 -0.170975271  
## 177 -0.442465613  
## 28 -0.978094827  
## 58 -0.963054247  
## 88 -0.935168978  
## 118 -0.294548345  
## 148 -0.012703972  
## 178 -0.358009373  
## 29 -0.989398824  
## 59 -0.983883193  
## 89 -0.983194981  
## 119 -0.088021341  
## 149 -0.097785066  
## 179 -0.408886606  
## 30 -0.971696280  
## 60 -0.980405717  
## 90 -0.957434887  
## 120 -0.299525344  
## 150 -0.224992780  
## 180 -0.592919441  
## FrequencyBodyAccelerometerJerkMean()-Z  
## 1 -0.94806090  
## 31 -0.98605309  
## 61 -0.99075217  
## 91 -0.46899922  
## 121 -0.28833474  
## 151 -0.68547435  
## 2 -0.98619713  
## 32 -0.98512905  
## 62 -0.97977515  
## 92 -0.55495671  
## 122 -0.27149872  
## 152 -0.52272806  
## 3 -0.97912234  
## 33 -0.97084567  
## 63 -0.96917490  
## 93 -0.51413726  
## 123 -0.52905945  
## 153 -0.67731453  
## 4 -0.97538333  
## 34 -0.97515491  
## 64 -0.96864841  
## 94 -0.72899160  
## 124 -0.58391737  
## 154 -0.69010693  
## 5 -0.98325031  
## 35 -0.96950133  
## 65 -0.95843873  
## 95 -0.59049662  
## 125 -0.49197995  
## 155 -0.60671746  
## 6 -0.95442584  
## 36 -0.95419979  
## 66 -0.96374352  
## 96 -0.54143862  
## 126 -0.28308621  
## 156 -0.54931462  
## 7 -0.96952498  
## 37 -0.96850350  
## 67 -0.96822964  
## 97 -0.10649037  
## 127 -0.29649490  
## 157 -0.58176453  
## 8 -0.96211114  
## 38 -0.98299531  
## 68 -0.97947719  
## 98 -0.36156326  
## 128 0.05860969  
## 158 -0.38665580  
## 9 -0.95590922  
## 39 -0.95752698  
## 69 -0.96712920  
## 99 -0.39954125  
## 129 -0.29367779  
## 159 -0.61512571  
## 10 -0.97259221  
## 40 -0.98605677  
## 70 -0.97224151  
## 100 -0.46402051  
## 130 -0.24067904  
## 160 -0.55323067  
## 11 -0.97956484  
## 41 -0.98112486  
## 71 -0.98846079  
## 101 -0.69259387  
## 131 -0.53022553  
## 161 -0.76538791  
## 12 -0.96714970  
## 42 -0.97555156  
## 72 -0.97112253  
## 102 -0.49138617  
## 132 -0.45161432  
## 162 -0.68792987  
## 13 -0.98099460  
## 43 -0.98526120  
## 73 -0.98460856  
## 103 -0.34226372  
## 133 -0.27613804  
## 163 -0.63149643  
## 14 -0.96859320  
## 44 -0.97275197  
## 74 -0.96671843  
## 104 -0.41589918  
## 134 -0.02487898  
## 164 -0.26400847  
## 15 -0.97477568  
## 45 -0.98490842  
## 75 -0.98263230  
## 105 -0.64890525  
## 135 -0.34537654  
## 165 -0.71455417  
## 16 -0.98554495  
## 46 -0.98117804  
## 76 -0.98609189  
## 106 -0.42233239  
## 136 -0.24197408  
## 166 -0.56522084  
## 17 -0.98038006  
## 47 -0.98882807  
## 77 -0.98956363  
## 107 -0.52342706  
## 137 -0.49866846  
## 167 -0.63301771  
## 18 -0.98911687  
## 48 -0.98868967  
## 78 -0.98626565  
## 108 -0.60114725  
## 138 -0.62213590  
## 168 -0.73614927  
## 19 -0.98650649  
## 49 -0.98398048  
## 79 -0.98346330  
## 109 -0.12936790  
## 139 0.05959058  
## 169 -0.38065712  
## 20 -0.98287621  
## 50 -0.97321146  
## 80 -0.95274111  
## 110 -0.34599448  
## 140 -0.35622025  
## 170 -0.49275590  
## 21 -0.98163081  
## 51 -0.98343432  
## 81 -0.97478065  
## 111 -0.40570016  
## 141 -0.19683826  
## 171 -0.51981517  
## 22 -0.97091894  
## 52 -0.97533072  
## 82 -0.97756743  
## 112 -0.28197344  
## 142 -0.41953425  
## 172 -0.41444888  
## 23 -0.98241551  
## 53 -0.97265623  
## 83 -0.96961023  
## 113 -0.05720213  
## 143 0.15777569  
## 173 -0.34660524  
## 24 -0.98154969  
## 54 -0.98197130  
## 84 -0.97417047  
## 114 -0.46992022  
## 144 -0.25000018  
## 174 -0.48339099  
## 25 -0.96263267  
## 55 -0.98632640  
## 85 -0.98483225  
## 115 -0.65928639  
## 145 -0.68684396  
## 175 -0.79326697  
## 26 -0.98730825  
## 56 -0.98798998  
## 86 -0.98456392  
## 116 -0.39867319  
## 146 -0.36011461  
## 176 -0.63974126  
## 27 -0.98803313  
## 57 -0.98708772  
## 87 -0.98511138  
## 117 -0.38261709  
## 147 -0.34362640  
## 177 -0.60854424  
## 28 -0.97025157  
## 58 -0.97293955  
## 88 -0.96475124  
## 118 -0.49875449  
## 148 -0.36528743  
## 178 -0.58781357  
## 29 -0.99201845  
## 59 -0.98847024  
## 89 -0.98854158  
## 119 -0.39487783  
## 149 -0.41117345  
## 179 -0.64619859  
## 30 -0.97563242  
## 60 -0.98597832  
## 90 -0.96289263  
## 120 -0.46703071  
## 150 -0.39968869  
## 180 -0.73780388  
## FrequencyBodyAccelerometerJerkSTD()-X FrequencyBodyAccelerometerJerkSTD()-Y  
## 1 -0.964160709 -0.932217870  
## 31 -0.987492994 -0.982513910  
## 61 -0.995073759 -0.987018227  
## 91 -0.133586606 0.106739857  
## 121 -0.086327897 -0.134580009  
## 151 -0.461907026 -0.381777065  
## 2 -0.987250256 -0.984987393  
## 32 -0.989459107 -0.980804228  
## 62 -0.983007924 -0.973520241  
## 92 -0.314313063 -0.015332952  
## 122 0.049959062 0.080833349  
## 152 -0.365415441 -0.243554147  
## 3 -0.983122616 -0.971044013  
## 33 -0.976283535 -0.956461757  
## 63 -0.960570922 -0.943948547  
## 93 -0.296596633 -0.005614988  
## 123 -0.165442899 -0.147728240  
## 153 -0.486446510 -0.268191524  
## 4 -0.980079293 -0.944366882  
## 34 -0.978776912 -0.949293158  
## 64 -0.975706724 -0.944075309  
## 94 -0.297326072 -0.209900006  
## 124 -0.208250062 -0.177202094  
## 154 -0.396762585 -0.314525031  
## 5 -0.985625270 -0.966242580  
## 35 -0.976530547 -0.954464442  
## 65 -0.965778921 -0.936202601  
## 95 -0.321390320 -0.054521360  
## 125 0.011055933 0.090172010  
## 155 -0.225327843 -0.105311153  
## 6 -0.968619159 -0.935717453  
## 36 -0.971488767 -0.946880042  
## 66 -0.975235678 -0.950681450  
## 96 -0.192694694 0.031445068  
## 126 0.088651510 0.341242393  
## 156 -0.186815074 -0.016981141  
## 7 -0.983560175 -0.975886145  
## 37 -0.984026344 -0.971814980  
## 67 -0.978729083 -0.966850290  
## 97 -0.365314791 -0.043191746  
## 127 -0.004262891 -0.324378560  
## 157 -0.426974026 -0.534191303  
## 8 -0.975959911 -0.979170882  
## 38 -0.986913611 -0.983038783  
## 68 -0.990414087 -0.978581730  
## 98 -0.271448185 0.315883536  
## 128 0.172658982 0.273943792  
## 158 -0.247336618 -0.070082146  
## 9 -0.968601304 -0.966634136  
## 39 -0.966660404 -0.958522987  
## 69 -0.971278823 -0.968234580  
## 99 -0.170228340 -0.228380473  
## 129 0.009382243 -0.355981821  
## 159 -0.327421990 -0.590112917  
## 10 -0.978904364 -0.968120692  
## 40 -0.989550917 -0.982045591  
## 70 -0.968612136 -0.944847394  
## 100 -0.079151827 0.048486767  
## 130 0.156912679 -0.153355803  
## 160 -0.247598321 -0.202796129  
## 11 -0.987122678 -0.973486716  
## 41 -0.981607942 -0.968421476  
## 71 -0.993414564 -0.981185824  
## 101 -0.453943040 -0.170177403  
## 131 -0.128341631 -0.130443830  
## 161 -0.458255021 -0.437276329  
## 12 -0.972820011 -0.964703657  
## 42 -0.977980349 -0.966538920  
## 72 -0.975581439 -0.956666344  
## 102 -0.031059295 -0.094056408  
## 132 -0.072311432 0.051512313  
## 162 -0.390601220 -0.335926381  
## 13 -0.987078175 -0.981394262  
## 43 -0.993682170 -0.985908120  
## 73 -0.988185113 -0.979412253  
## 103 -0.219716160 0.094674160  
## 133 -0.114744976 -0.141775116  
## 163 -0.514337759 -0.319400411  
## 14 -0.973491388 -0.969113291  
## 44 -0.981920831 -0.968943674  
## 74 -0.980396602 -0.967830182  
## 104 -0.484797710 -0.353526894  
## 134 -0.030239637 0.138737970  
## 164 -0.410967870 -0.371572473  
## 15 -0.983949291 -0.973215320  
## 45 -0.989314360 -0.979713046  
## 75 -0.986934134 -0.969934104  
## 105 -0.411500068 -0.060683914  
## 135 0.108062741 -0.007228602  
## 165 -0.207231605 -0.330391430  
## 16 -0.989287359 -0.986215013  
## 46 -0.991567868 -0.983230774  
## 76 -0.991847150 -0.984236462  
## 106 -0.402884115 -0.433612658  
## 136 -0.125682818 -0.281507407  
## 166 -0.538073090 -0.417127012  
## 17 -0.983213244 -0.978343916  
## 47 -0.994613162 -0.989915811  
## 77 -0.992775378 -0.988200349  
## 107 -0.343866129 -0.047037938  
## 137 -0.071876703 -0.298931145  
## 167 -0.287219038 -0.365114264  
## 18 -0.986641246 -0.986210701  
## 48 -0.992039061 -0.985694744  
## 78 -0.990287933 -0.977179032  
## 108 -0.375992795 -0.320264113  
## 138 -0.416050501 -0.464546055  
## 168 -0.575331252 -0.585531433  
## 19 -0.985278007 -0.975964112  
## 49 -0.988576991 -0.980999858  
## 79 -0.985913722 -0.973588518  
## 109 0.090836649 0.085401073  
## 139 0.476803887 0.349771285  
## 169 -0.217265178 -0.013169588  
## 20 -0.986213883 -0.978451447  
## 50 -0.983565761 -0.972776577  
## 80 -0.963098912 -0.940474179  
## 110 -0.122237206 0.255614063  
## 140 -0.147278593 0.293119526  
## 170 -0.187090779 -0.255008282  
## 21 -0.987061377 -0.973164433  
## 51 -0.990027822 -0.980347169  
## 81 -0.979530485 -0.966024076  
## 111 -0.107412803 -0.014841517  
## 141 -0.046386790 -0.113161860  
## 171 -0.462972849 -0.261261053  
## 22 -0.974126068 -0.958960957  
## 52 -0.984299609 -0.969776055  
## 82 -0.978773001 -0.956169964  
## 112 0.018004779 0.213423556  
## 142 0.040461846 -0.027029444  
## 172 -0.067797852 -0.106099614  
## 23 -0.987840853 -0.989995617  
## 53 -0.986019630 -0.979564697  
## 83 -0.984531642 -0.977157998  
## 113 -0.235172990 -0.060975310  
## 143 0.081958719 -0.177697841  
## 173 -0.424877553 -0.380894443  
## 24 -0.988140518 -0.984124532  
## 54 -0.989288808 -0.981550133  
## 84 -0.981721691 -0.970228184  
## 114 -0.507640734 -0.294353546  
## 144 -0.355930598 -0.163626808  
## 174 -0.527104719 -0.535843319  
## 25 -0.976423985 -0.948414294  
## 55 -0.992750110 -0.984068025  
## 85 -0.989339891 -0.974029504  
## 115 -0.624145725 -0.367760098  
## 145 -0.522153341 -0.365719830  
## 175 -0.690213626 -0.638086010  
## 26 -0.990410107 -0.988238649  
## 56 -0.993299861 -0.987754589  
## 86 -0.991275662 -0.977354949  
## 116 -0.351065958 -0.271952157  
## 146 -0.130825898 -0.061537065  
## 176 -0.342075432 -0.420055781  
## 27 -0.987477465 -0.986116009  
## 57 -0.991292271 -0.986083114  
## 87 -0.988606810 -0.977605582  
## 117 -0.346610413 -0.065517903  
## 147 -0.052281134 -0.163243978  
## 177 -0.478923373 -0.450116431  
## 28 -0.982205901 -0.981117467  
## 58 -0.977786782 -0.963990426  
## 88 -0.971672797 -0.936991280  
## 118 -0.367116416 -0.191757504  
## 148 -0.098011229 -0.001753920  
## 178 -0.370273680 -0.349026568  
## 29 -0.992543478 -0.990468083  
## 59 -0.994220175 -0.985493319  
## 89 -0.994123424 -0.984782782  
## 119 -0.307336670 -0.155020661  
## 149 -0.098637916 -0.120381521  
## 179 -0.211385398 -0.408648947  
## 30 -0.980350748 -0.972434197  
## 60 -0.990017565 -0.981902116  
## 90 -0.972216729 -0.960442361  
## 120 -0.415135398 -0.289466095  
## 150 -0.289802729 -0.217432019  
## 180 -0.561565207 -0.610826602  
## FrequencyBodyAccelerometerJerkSTD()-Z  
## 1 -0.960586987  
## 31 -0.988339185  
## 61 -0.992349818  
## 91 -0.534713440  
## 121 -0.401721464  
## 151 -0.726040201  
## 2 -0.989345369  
## 32 -0.988570804  
## 62 -0.984599905  
## 92 -0.615898188  
## 122 -0.408227423  
## 152 -0.625090981  
## 3 -0.983711905  
## 33 -0.977159572  
## 63 -0.975595950  
## 93 -0.543529108  
## 123 -0.613525074  
## 153 -0.738705864  
## 4 -0.980261236  
## 34 -0.981699448  
## 64 -0.976229506  
## 94 -0.772359087  
## 124 -0.668867334  
## 154 -0.762772175  
## 5 -0.986135599  
## 35 -0.976022330  
## 65 -0.968072301  
## 95 -0.633429996  
## 125 -0.551178075  
## 155 -0.668825711  
## 6 -0.963567541  
## 36 -0.961636555  
## 66 -0.969895846  
## 96 -0.608624354  
## 126 -0.389057047  
## 156 -0.571673957  
## 7 -0.975072995  
## 37 -0.974699194  
## 67 -0.974533711  
## 97 -0.190751539  
## 127 -0.397774503  
## 157 -0.631919609  
## 8 -0.968699223  
## 38 -0.986185349  
## 68 -0.984465744  
## 98 -0.404482509  
## 128 -0.084667419  
## 158 -0.508248317  
## 9 -0.959714718  
## 39 -0.964941342  
## 69 -0.972588749  
## 99 -0.419104363  
## 129 -0.425377408  
## 159 -0.677831083  
## 10 -0.978582339  
## 40 -0.989110860  
## 70 -0.979428729  
## 100 -0.558512650  
## 130 -0.396147930  
## 160 -0.662894135  
## 11 -0.983302949  
## 41 -0.984349607  
## 71 -0.990378150  
## 101 -0.747564612  
## 131 -0.628902743  
## 161 -0.803845087  
## 12 -0.972713845  
## 42 -0.981408872  
## 72 -0.978792833  
## 102 -0.531486322  
## 132 -0.544461426  
## 162 -0.750114856  
## 13 -0.983670049  
## 43 -0.988612100  
## 73 -0.987871531  
## 103 -0.406173352  
## 133 -0.356579476  
## 163 -0.689235779  
## 14 -0.974914430  
## 44 -0.978180021  
## 74 -0.973594305  
## 104 -0.528889535  
## 134 -0.244857128  
## 164 -0.391077873  
## 15 -0.980745097  
## 45 -0.987694114  
## 75 -0.986654459  
## 105 -0.723051141  
## 135 -0.461599142  
## 165 -0.783004506  
## 16 -0.988348905  
## 46 -0.984362469  
## 76 -0.988657960  
## 106 -0.456636283  
## 136 -0.364026696  
## 166 -0.620123586  
## 17 -0.983854159  
## 47 -0.990818248  
## 77 -0.991450378  
## 107 -0.543872996  
## 137 -0.573043711  
## 167 -0.680325771  
## 18 -0.990744753  
## 48 -0.990141676  
## 78 -0.989275839  
## 108 -0.664327149  
## 138 -0.678751080  
## 168 -0.784728430  
## 19 -0.988558703  
## 49 -0.988151916  
## 79 -0.987524588  
## 109 -0.227829842  
## 139 -0.098393010  
## 169 -0.507716206  
## 20 -0.985707806  
## 50 -0.978458923  
## 80 -0.963973098  
## 110 -0.427690452  
## 140 -0.405294896  
## 170 -0.533201713  
## 21 -0.984925271  
## 51 -0.986845672  
## 81 -0.979723340  
## 111 -0.443563413  
## 141 -0.293237567  
## 171 -0.603127367  
## 22 -0.976833164  
## 52 -0.981272224  
## 82 -0.984305238  
## 112 -0.343195611  
## 142 -0.535893778  
## 172 -0.528567803  
## 23 -0.985502012  
## 53 -0.977936447  
## 83 -0.976241316  
## 113 -0.006236475  
## 143 -0.098519563  
## 173 -0.468956384  
## 24 -0.983185638  
## 54 -0.986008449  
## 84 -0.979936741  
## 114 -0.511115619  
## 144 -0.328569969  
## 174 -0.562727123  
## 25 -0.971885370  
## 55 -0.989156106  
## 85 -0.987898048  
## 115 -0.690413386  
## 145 -0.734990064  
## 175 -0.830526637  
## 26 -0.989370491  
## 56 -0.990693114  
## 86 -0.987428086  
## 116 -0.396530418  
## 146 -0.396701691  
## 176 -0.715726894  
## 27 -0.989901170  
## 57 -0.989282517  
## 87 -0.988208262  
## 117 -0.417957994  
## 147 -0.474755492  
## 177 -0.657139421  
## 28 -0.974530843  
## 58 -0.978327769  
## 88 -0.973572052  
## 118 -0.574579749  
## 148 -0.488488352  
## 178 -0.687907634  
## 29 -0.993107760  
## 59 -0.990445862  
## 89 -0.991316375  
## 119 -0.529034897  
## 149 -0.547320887  
## 179 -0.710116592  
## 30 -0.982281553  
## 60 -0.988971212  
## 90 -0.973954338  
## 120 -0.575410267  
## 150 -0.535515048  
## 180 -0.784753880  
## FrequencyBodyAccelerometerJerkMeanFreq()-X  
## 1 0.13241909  
## 31 0.25661082  
## 61 0.31418294  
## 91 -0.20926197  
## 121 -0.25316434  
## 151 -0.37702313  
## 2 0.15980833  
## 32 0.30554682  
## 62 0.33144928  
## 92 -0.07271016  
## 122 -0.14389815  
## 152 -0.04911429  
## 3 0.17597855  
## 33 0.21573183  
## 63 0.07495644  
## 93 -0.21604267  
## 123 -0.22959943  
## 153 -0.32515113  
## 4 0.18243648  
## 34 0.21301992  
## 64 0.27221398  
## 94 -0.13528039  
## 124 -0.17911518  
## 154 -0.37965361  
## 5 0.23991516  
## 35 0.07573562  
## 65 0.15046308  
## 95 -0.35937258  
## 125 -0.35091162  
## 155 -0.39783558  
## 6 0.01147319  
## 36 0.09994006  
## 66 0.18655923  
## 96 -0.17829518  
## 126 -0.31575769  
## 156 -0.44195912  
## 7 0.02071592  
## 37 0.18013258  
## 67 0.09877485  
## 97 -0.28458651  
## 127 -0.33362729  
## 157 -0.39118255  
## 8 0.16498430  
## 38 0.22782862  
## 68 0.26729623  
## 98 -0.34589812  
## 128 -0.17099790  
## 158 -0.11598956  
## 9 -0.08503094  
## 39 0.02039799  
## 69 -0.02350415  
## 99 -0.37829149  
## 129 -0.43402213  
## 159 -0.42721109  
## 10 0.04855721  
## 40 0.19344922  
## 70 0.25330139  
## 100 -0.26013064  
## 130 -0.23677978  
## 160 -0.23033751  
## 11 0.17810455  
## 41 0.15332020  
## 71 0.31217184  
## 101 -0.35341993  
## 131 -0.33884997  
## 161 -0.44699235  
## 12 0.08390708  
## 42 0.13812994  
## 72 0.23067259  
## 102 -0.28110657  
## 132 -0.21278774  
## 162 -0.33124754  
## 13 0.16989581  
## 43 0.26421426  
## 73 0.23796469  
## 103 -0.19090593  
## 133 -0.34660866  
## 163 -0.32334423  
## 14 -0.15859909  
## 44 0.00357106  
## 74 0.02375942  
## 104 -0.25590096  
## 134 -0.27101153  
## 164 -0.26393506  
## 15 0.11478748  
## 45 0.24002278  
## 75 0.26794779  
## 105 -0.29208832  
## 135 -0.37713094  
## 165 -0.43949958  
## 16 0.06559672  
## 46 0.20345253  
## 76 0.26745246  
## 106 -0.33091215  
## 136 -0.36897840  
## 166 -0.33223773  
## 17 0.18844798  
## 47 0.23200976  
## 77 0.25711820  
## 107 -0.43680842  
## 137 -0.50855703  
## 167 -0.57604400  
## 18 0.15976110  
## 48 0.23474757  
## 78 0.20029594  
## 108 -0.34877438  
## 138 -0.33419378  
## 168 -0.44208938  
## 19 0.13527744  
## 49 0.09170031  
## 79 0.19913594  
## 109 -0.21478705  
## 139 -0.24057587  
## 169 -0.27394274  
## 20 0.11664208  
## 50 0.13660113  
## 80 0.09824143  
## 110 -0.25705115  
## 140 -0.45094856  
## 170 -0.47500150  
## 21 0.08837807  
## 51 0.24434953  
## 81 0.15607245  
## 111 -0.19510300  
## 141 -0.28885698  
## 171 -0.26781708  
## 22 0.07340341  
## 52 0.21470463  
## 82 0.22710321  
## 112 -0.10209505  
## 142 -0.24450350  
## 172 0.04660719  
## 23 0.20606687  
## 53 0.28564353  
## 83 0.20117991  
## 113 -0.26987575  
## 143 -0.21012661  
## 173 -0.27870788  
## 24 0.15235989  
## 54 0.18775212  
## 84 0.20708844  
## 114 -0.25317749  
## 144 -0.39814462  
## 174 -0.39283127  
## 25 -0.04161132  
## 55 0.17665628  
## 85 0.18639551  
## 115 -0.22350051  
## 145 -0.41973251  
## 175 -0.41029411  
## 26 0.13709043  
## 56 0.17657695  
## 86 0.26765990  
## 116 -0.25493553  
## 146 -0.52128786  
## 176 -0.22251391  
## 27 0.09612560  
## 57 0.19431882  
## 87 0.29614373  
## 117 -0.26872235  
## 147 -0.33135200  
## 177 -0.36164836  
## 28 0.10429202  
## 58 0.14768090  
## 88 0.14689085  
## 118 -0.35321773  
## 148 -0.27694182  
## 178 -0.23207454  
## 29 0.13861631  
## 59 0.27795533  
## 89 0.30325491  
## 119 -0.20130045  
## 149 -0.27016102  
## 179 -0.37978933  
## 30 0.04103815  
## 60 0.13668913  
## 90 0.06083410  
## 120 -0.26887778  
## 150 -0.30711665  
## 180 -0.44369633  
## FrequencyBodyAccelerometerJerkMeanFreq()-Y  
## 1 2.451362e-02  
## 31 4.754378e-02  
## 61 3.916190e-02  
## 91 -3.862371e-01  
## 121 -3.375897e-01  
## 151 -5.094955e-01  
## 2 1.212064e-01  
## 32 2.624486e-02  
## 62 -5.693683e-02  
## 92 -2.635740e-01  
## 122 -3.575145e-01  
## 152 -2.876889e-01  
## 3 -1.317750e-02  
## 33 -9.591487e-02  
## 63 -2.581648e-01  
## 93 -2.586680e-01  
## 123 -3.560233e-01  
## 153 -4.537898e-01  
## 4 9.874288e-02  
## 34 -7.528997e-02  
## 64 -1.264506e-01  
## 94 -3.858809e-01  
## 124 -1.812932e-01  
## 154 -3.927019e-01  
## 5 1.956773e-01  
## 35 -1.318617e-01  
## 65 -1.436818e-01  
## 95 -5.340498e-01  
## 125 -4.709947e-01  
## 155 -5.770094e-01  
## 6 -2.220295e-02  
## 36 -1.509345e-01  
## 66 -2.510139e-01  
## 96 -4.663058e-01  
## 126 -4.843437e-01  
## 156 -5.011703e-01  
## 7 -4.513426e-02  
## 37 -8.150213e-02  
## 67 -1.884797e-01  
## 97 -2.870138e-01  
## 127 -4.141963e-01  
## 157 -4.253138e-01  
## 8 6.672864e-03  
## 38 5.271570e-02  
## 68 -5.981956e-02  
## 98 -4.192779e-01  
## 128 -3.376510e-01  
## 158 -3.440299e-01  
## 9 -2.270937e-01  
## 39 -2.719009e-01  
## 69 -9.818940e-02  
## 99 -3.890473e-01  
## 129 -2.320428e-01  
## 159 -5.292760e-01  
## 10 4.259423e-02  
## 40 -2.618593e-02  
## 70 -1.870952e-01  
## 100 -1.484457e-01  
## 130 -2.977630e-01  
## 160 -3.708548e-01  
## 11 3.449996e-03  
## 41 -8.050580e-02  
## 71 -3.050941e-02  
## 101 -4.278894e-01  
## 131 -4.559728e-01  
## 161 -4.616411e-01  
## 12 -1.766175e-02  
## 42 -9.873324e-02  
## 72 -1.749671e-01  
## 102 -2.234607e-01  
## 132 -3.866959e-01  
## 162 -3.802499e-01  
## 13 6.565370e-02  
## 43 -1.932843e-03  
## 73 -4.789600e-02  
## 103 -4.471195e-01  
## 133 -4.566412e-01  
## 163 -5.860224e-01  
## 14 -2.311533e-01  
## 44 -2.321436e-01  
## 74 -2.121968e-01  
## 104 -3.634638e-01  
## 134 -3.069390e-01  
## 164 -4.873479e-01  
## 15 1.410568e-02  
## 45 -6.703831e-06  
## 75 -1.736151e-01  
## 105 -3.305600e-01  
## 135 -3.863234e-01  
## 165 -4.684969e-01  
## 16 -1.857992e-02  
## 46 -2.720281e-02  
## 76 -1.107570e-02  
## 106 -3.965119e-01  
## 136 -4.170642e-01  
## 166 -5.357992e-01  
## 17 2.793059e-02  
## 47 8.853390e-02  
## 77 7.399873e-02  
## 107 -4.004934e-01  
## 137 -5.590858e-01  
## 167 -4.740560e-01  
## 18 5.516928e-02  
## 48 6.871954e-03  
## 78 -1.574320e-01  
## 108 -3.372933e-01  
## 138 -4.302091e-01  
## 168 -4.660431e-01  
## 19 8.382270e-02  
## 49 -9.257591e-02  
## 79 -1.125138e-01  
## 109 -3.880959e-01  
## 139 -3.875478e-01  
## 169 -3.643480e-01  
## 20 2.122019e-02  
## 50 -1.244083e-01  
## 80 -3.161212e-01  
## 110 -4.750801e-01  
## 140 -4.985270e-01  
## 170 -5.534073e-01  
## 21 -2.575513e-02  
## 51 -1.184562e-02  
## 81 -1.157735e-01  
## 111 -3.649189e-01  
## 141 -4.315067e-01  
## 171 -2.978308e-01  
## 22 -1.219648e-01  
## 52 -6.053851e-02  
## 82 -2.432113e-01  
## 112 -7.878823e-02  
## 142 -4.008924e-01  
## 172 -2.704977e-01  
## 23 9.827458e-02  
## 53 -4.385974e-02  
## 83 -8.782959e-02  
## 113 -2.788440e-01  
## 143 -1.819092e-01  
## 173 -3.573198e-01  
## 24 7.530411e-02  
## 54 -8.844640e-02  
## 84 -1.319478e-01  
## 114 -4.396340e-01  
## 144 -4.153054e-01  
## 174 -5.088767e-01  
## 25 -2.798136e-01  
## 55 -4.081302e-02  
## 85 -1.081664e-01  
## 115 -5.461388e-01  
## 145 -5.449023e-01  
## 175 -6.019714e-01  
## 26 1.270443e-01  
## 56 4.663902e-02  
## 86 -8.545854e-02  
## 116 -4.080948e-01  
## 146 -4.566796e-01  
## 176 -4.776766e-01  
## 27 6.299307e-02  
## 57 -1.057950e-02  
## 87 -3.292310e-02  
## 117 -2.263658e-01  
## 147 -2.946517e-01  
## 177 -3.726718e-01  
## 28 1.086094e-03  
## 58 -2.113412e-01  
## 88 -3.506278e-01  
## 118 -4.924107e-01  
## 148 -3.936815e-01  
## 178 -3.627510e-01  
## 29 1.347350e-01  
## 59 2.773967e-02  
## 89 -5.587372e-02  
## 119 -6.990388e-02  
## 149 -2.065258e-01  
## 179 -4.442487e-01  
## 30 -1.419612e-01  
## 60 -1.277838e-01  
## 90 -2.659804e-01  
## 120 -2.748389e-01  
## 150 -4.250517e-01  
## 180 -5.367438e-01  
## FrequencyBodyAccelerometerJerkMeanFreq()-Z FrequencyBodyGyroscopeMean()-X  
## 1 0.024387945 -0.85024917  
## 31 0.092392003 -0.97616146  
## 61 0.138581479 -0.98638679  
## 91 -0.185530281 -0.33903220  
## 121 0.009372239 -0.35244963  
## 151 -0.551104284 -0.49261167  
## 2 0.190558218 -0.98643114  
## 32 0.092903063 -0.98262139  
## 62 0.039649818 -0.96703711  
## 92 -0.254846439 -0.42971354  
## 122 -0.234703932 -0.14577597  
## 152 -0.374218485 -0.33164358  
## 3 0.044819691 -0.97016726  
## 33 -0.043747343 -0.95755064  
## 63 -0.112367642 -0.90128227  
## 93 -0.346946648 -0.43784576  
## 123 -0.274421716 -0.12906657  
## 153 -0.442664136 -0.37821668  
## 4 0.077021117 -0.96720374  
## 34 0.012245577 -0.96058964  
## 64 0.071105663 -0.90546416  
## 94 -0.325737504 -0.37338454  
## 124 -0.169702261 -0.24029889  
## 154 -0.319649297 -0.37106899  
## 5 0.091693879 -0.97579749  
## 35 -0.064496073 -0.95711725  
## 65 -0.033363702 -0.90966180  
## 95 -0.344150925 -0.37266875  
## 125 -0.303523361 -0.29534510  
## 155 -0.339640933 -0.26361510  
## 6 0.078468403 -0.93543977  
## 36 -0.091348467 -0.93967140  
## 66 -0.071533989 -0.93161238  
## 96 -0.104129449 -0.23965071  
## 126 -0.034825425 0.06337161  
## 156 -0.401683802 -0.11506501  
## 7 0.094560585 -0.95368455  
## 37 -0.085752758 -0.94363176  
## 67 -0.089160206 -0.93812164  
## 97 -0.244831720 -0.31839510  
## 127 -0.382024152 -0.33930147  
## 157 -0.627555474 -0.38388934  
## 8 0.120248740 -0.95790389  
## 38 0.008837681 -0.98220031  
## 68 0.069283124 -0.96967744  
## 98 -0.247485399 -0.10206305  
## 128 -0.180391339 -0.13074045  
## 158 -0.368783012 -0.24026076  
## 9 -0.094374360 -0.93029792  
## 39 -0.267665735 -0.95031524  
## 69 -0.128067958 -0.91697444  
## 99 -0.366570478 -0.38367612  
## 129 -0.330318262 -0.32504289  
## 159 -0.547022216 -0.31394163  
## 10 0.146112722 -0.95379391  
## 40 0.117530737 -0.98647736  
## 70 0.005628739 -0.92400591  
## 100 0.055799091 -0.27791378  
## 130 0.018982166 -0.21435028  
## 160 -0.328583308 -0.21852472  
## 11 0.030016945 -0.97618747  
## 41 0.075598263 -0.98510688  
## 71 0.120740566 -0.97830172  
## 101 -0.092391951 -0.51475331  
## 131 -0.244414661 -0.31877701  
## 161 -0.482497120 -0.47178278  
## 12 0.023950446 -0.95665389  
## 42 -0.056830654 -0.96852899  
## 72 0.011382060 -0.89029271  
## 102 -0.182007552 -0.40197593  
## 132 -0.098562311 -0.17885617  
## 162 -0.323446377 -0.42636033  
## 13 0.058418307 -0.96946349  
## 43 0.092110603 -0.98321820  
## 73 0.106886231 -0.95715411  
## 103 -0.204509715 -0.19285647  
## 133 -0.304013848 -0.31967712  
## 163 -0.504002904 -0.48211301  
## 14 -0.088792248 -0.94995904  
## 44 -0.149511317 -0.97857712  
## 74 -0.069082605 -0.95711177  
## 104 -0.323114422 -0.50859585  
## 134 -0.295300086 -0.29531554  
## 164 -0.521529495 -0.44104836  
## 15 0.001033973 -0.95541360  
## 45 0.039756002 -0.98615258  
## 75 0.065047508 -0.95038029  
## 105 -0.186832027 -0.25339936  
## 135 -0.117402353 -0.22735957  
## 165 -0.313514802 -0.36109686  
## 16 0.065207860 -0.97589241  
## 46 0.011017371 -0.97863286  
## 76 -0.005277779 -0.97315735  
## 106 -0.453928998 -0.59574649  
## 136 -0.376637687 -0.42084401  
## 166 -0.519560112 -0.53239972  
## 17 0.026575233 -0.97194921  
## 47 0.099508167 -0.98841107  
## 77 0.084722621 -0.98069626  
## 107 -0.446731877 -0.40771671  
## 137 -0.452939005 -0.31641296  
## 167 -0.552822976 -0.41622302  
## 18 0.166856209 -0.99243693  
## 48 0.043743888 -0.98996150  
## 78 0.004089661 -0.96442893  
## 108 -0.206330044 -0.60967343  
## 138 -0.313077962 -0.48923227  
## 168 -0.512443088 -0.59232371  
## 19 0.117028928 -0.97419622  
## 49 0.018538185 -0.98174366  
## 79 0.028630864 -0.94786564  
## 109 -0.005404424 0.22814236  
## 139 -0.116947002 0.47496245  
## 169 -0.187567271 -0.19448551  
## 20 0.028492921 -0.98261940  
## 50 -0.083122975 -0.96991328  
## 80 -0.078293160 -0.88101942  
## 110 -0.152723042 -0.09362487  
## 140 -0.480248954 -0.06295726  
## 170 -0.448063673 -0.37268435  
## 21 0.043929421 -0.97341047  
## 51 0.025036037 -0.98489356  
## 81 -0.049404859 -0.95698996  
## 111 -0.296175012 -0.24665738  
## 141 -0.304566055 -0.36674875  
## 171 -0.395904944 -0.44697401  
## 22 0.041552345 -0.95336692  
## 52 -0.035535553 -0.97726673  
## 82 -0.026615130 -0.91701810  
## 112 -0.003916088 -0.14464865  
## 142 -0.198861107 -0.09543493  
## 172 -0.161561379 -0.19545699  
## 23 0.230107946 -0.97967608  
## 53 0.032313271 -0.97714999  
## 83 -0.098828324 -0.94751044  
## 113 -0.366737657 -0.33761920  
## 143 -0.179004311 -0.21473071  
## 173 -0.443171315 -0.43023923  
## 24 0.086269203 -0.97657056  
## 54 -0.004461784 -0.98567652  
## 84 0.081477375 -0.95854019  
## 114 -0.400928134 -0.46829508  
## 144 -0.297520698 -0.27246921  
## 174 -0.426530075 -0.50318868  
## 25 -0.109253587 -0.89051754  
## 55 0.058716622 -0.98800255  
## 85 0.086807889 -0.96807853  
## 115 -0.463291946 -0.41190972  
## 145 -0.423798006 -0.21779972  
## 175 -0.612389228 -0.47614500  
## 26 0.148820984 -0.98838632  
## 56 0.054878446 -0.99014488  
## 86 0.049295797 -0.96936427  
## 116 -0.245889005 -0.36811291  
## 146 -0.345015792 -0.12591815  
## 176 -0.378521915 -0.42768657  
## 27 0.148092919 -0.98702854  
## 57 0.034772784 -0.98720790  
## 87 0.055479502 -0.97014963  
## 117 -0.199017302 -0.49801794  
## 147 -0.203341310 -0.29662861  
## 177 -0.454277803 -0.54436923  
## 28 0.038219081 -0.94680423  
## 58 -0.089627681 -0.97372433  
## 88 -0.119606463 -0.88042610  
## 118 -0.301043748 -0.37468107  
## 148 -0.073632511 -0.02999700  
## 178 -0.307201518 -0.40363628  
## 29 0.165235128 -0.99312261  
## 59 0.117192324 -0.98839357  
## 89 0.148596745 -0.97448545  
## 119 0.006485879 -0.43149005  
## 149 -0.135910897 -0.18941800  
## 179 -0.514054756 -0.26051929  
## 30 0.065053685 -0.97178905  
## 60 -0.021487477 -0.98703463  
## 90 -0.060664153 -0.91574286  
## 120 -0.201229693 -0.37444030  
## 150 -0.168340698 -0.26306163  
## 180 -0.626167597 -0.48803900  
## FrequencyBodyGyroscopeMean()-Y FrequencyBodyGyroscopeMean()-Z  
## 1 -0.95219149 -0.90930272  
## 31 -0.97583859 -0.95131554  
## 61 -0.98898446 -0.98077312  
## 91 -0.10305942 -0.25594094  
## 121 -0.05570225 -0.03186943  
## 151 -0.31947461 -0.45359721  
## 2 -0.98332164 -0.96267189  
## 32 -0.98210092 -0.95981482  
## 62 -0.97257615 -0.96062770  
## 92 -0.55477211 -0.39665991  
## 122 -0.36191382 -0.08749447  
## 152 -0.48808612 -0.24860112  
## 3 -0.97809968 -0.96234196  
## 33 -0.95617355 -0.93496796  
## 63 -0.93771116 -0.91617254  
## 93 -0.56152627 -0.41812622  
## 123 -0.54269416 -0.30286646  
## 153 -0.63729351 -0.43150336  
## 4 -0.97218784 -0.96147926  
## 34 -0.96758365 -0.93377689  
## 64 -0.95599295 -0.91528096  
## 94 -0.68846006 -0.60138113  
## 124 -0.71754584 -0.31830648  
## 154 -0.68431020 -0.35076574  
## 5 -0.97824965 -0.96320295  
## 35 -0.95546036 -0.93800343  
## 65 -0.93937352 -0.90719084  
## 95 -0.51395172 -0.21312703  
## 125 -0.38248308 -0.03417503  
## 155 -0.51660905 -0.13980139  
## 6 -0.94177154 -0.93263661  
## 36 -0.94385739 -0.93476490  
## 66 -0.94327315 -0.94323960  
## 96 -0.34137843 -0.20357546  
## 126 -0.13032747 0.15284525  
## 156 -0.32965378 -0.04641421  
## 7 -0.95757021 -0.95690531  
## 37 -0.95667806 -0.94741993  
## 67 -0.95754867 -0.95716506  
## 97 -0.15196669 -0.36673362  
## 127 -0.21444307 -0.29960027  
## 157 -0.56792027 -0.40815027  
## 8 -0.95741116 -0.96746124  
## 38 -0.97658989 -0.96179868  
## 68 -0.97259549 -0.97551228  
## 98 -0.25972969 -0.13290220  
## 128 0.11609088 0.02774981  
## 158 -0.11316214 0.16597419  
## 9 -0.93457966 -0.95981501  
## 39 -0.93969301 -0.94031231  
## 69 -0.95451430 -0.94151034  
## 99 -0.43690586 -0.24022251  
## 129 -0.31251220 -0.25068659  
## 159 -0.49915920 -0.32769867  
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## 40 -0.98617922 -0.96539547  
## 70 -0.96032380 -0.95091573  
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## 130 -0.27249571 0.03913668  
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## 11 -0.98264027 -0.96143442  
## 41 -0.98263664 -0.95445382  
## 71 -0.99402549 -0.98076297  
## 101 -0.59310740 -0.39829334  
## 131 -0.52825452 -0.27345911  
## 161 -0.58116715 -0.67467188  
## 12 -0.95256172 -0.94567324  
## 42 -0.96372525 -0.95571818  
## 72 -0.94825186 -0.95260195  
## 102 -0.46788634 -0.31728248  
## 132 -0.42063147 -0.21276736  
## 162 -0.60471132 -0.40608094  
## 13 -0.96868973 -0.96912688  
## 43 -0.98245605 -0.96838442  
## 73 -0.97291308 -0.97439438  
## 103 -0.25621355 -0.27660795  
## 133 -0.13382889 -0.21290666  
## 163 -0.49217610 -0.25533895  
## 14 -0.93808790 -0.94910716  
## 44 -0.96980673 -0.95702086  
## 74 -0.95083619 -0.95099988  
## 104 -0.21589495 -0.21292576  
## 134 0.01320823 0.49241438  
## 164 0.11868769 0.19670322  
## 15 -0.96431089 -0.95819010  
## 45 -0.97920172 -0.96673152  
## 75 -0.97513387 -0.96826486  
## 105 -0.53542210 -0.46146407  
## 135 -0.40233230 -0.18319480  
## 165 -0.51702525 -0.48570175  
## 16 -0.97609292 -0.98595779  
## 46 -0.96679600 -0.96005826  
## 76 -0.98359424 -0.98363927  
## 106 -0.61973193 -0.43288531  
## 136 -0.47951298 -0.37500063  
## 166 -0.64201806 -0.49242749  
## 17 -0.97366910 -0.97616485  
## 47 -0.98879398 -0.98161710  
## 77 -0.98733404 -0.98595498  
## 107 -0.49016629 -0.39880922  
## 137 -0.45112687 -0.40338039  
## 167 -0.52143542 -0.32427371  
## 18 -0.98561117 -0.98499929  
## 48 -0.98870270 -0.98302739  
## 78 -0.98356116 -0.97429441  
## 108 -0.57089815 -0.53815234  
## 138 -0.64152760 -0.44703070  
## 168 -0.64981727 -0.50436410  
## 19 -0.97206100 -0.97393233  
## 49 -0.96818868 -0.96823578  
## 79 -0.97506167 -0.96510064  
## 109 -0.09735498 -0.01050471  
## 139 0.14708314 0.21067307  
## 169 -0.22542182 -0.06612935  
## 20 -0.97312003 -0.97227860  
## 50 -0.96464307 -0.95096336  
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## 110 0.03101460 -0.10889250  
## 140 -0.13809795 0.25703784  
## 170 -0.16234139 0.11507664  
## 21 -0.96496801 -0.98081122  
## 51 -0.97983094 -0.97683973  
## 81 -0.96008259 -0.95943256  
## 111 -0.37174409 -0.28326247  
## 141 -0.30887987 -0.23822168  
## 171 -0.44669158 -0.15576235  
## 22 -0.96469826 -0.94257024  
## 52 -0.95916175 -0.94836705  
## 82 -0.97068244 -0.96232777  
## 112 -0.50117690 -0.08350118  
## 142 -0.52500684 -0.19491570  
## 172 -0.52394375 -0.19931307  
## 23 -0.96846914 -0.98423881  
## 53 -0.95792029 -0.96542883  
## 83 -0.95278116 -0.96793957  
## 113 0.19556946 -0.19497037  
## 143 0.32881701 -0.14126689  
## 173 -0.29044741 -0.16300129  
## 24 -0.96611198 -0.98109304  
## 54 -0.98120018 -0.97468689  
## 84 -0.97042649 -0.97013339  
## 114 -0.47984143 -0.39144792  
## 144 -0.43347543 -0.39628665  
## 174 -0.54662098 -0.37218291  
## 25 -0.94625964 -0.92453686  
## 55 -0.98382780 -0.97580589  
## 85 -0.97839989 -0.97045686  
## 115 -0.67875035 -0.56132295  
## 145 -0.63291635 -0.41031145  
## 175 -0.61857991 -0.57516972  
## 26 -0.98312800 -0.97017122  
## 56 -0.98174079 -0.97042369  
## 86 -0.98388591 -0.97445932  
## 116 -0.56182777 -0.31851681  
## 146 -0.44312621 -0.22138883  
## 176 -0.61711254 -0.34270393  
## 27 -0.98679584 -0.97920202  
## 57 -0.98414112 -0.97684813  
## 87 -0.98373187 -0.98086249  
## 117 -0.53472423 -0.31818238  
## 147 -0.40213281 -0.14490490  
## 177 -0.59409258 -0.40052846  
## 28 -0.96582446 -0.96116484  
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## 88 -0.94816079 -0.92665519  
## 118 -0.50468174 -0.25502905  
## 148 -0.21710016 -0.18439234  
## 178 -0.52206650 -0.31821100  
## 29 -0.99369634 -0.97618432  
## 59 -0.99032925 -0.97393359  
## 89 -0.99158667 -0.98365471  
## 119 -0.36223232 -0.39727750  
## 149 -0.46312503 -0.19922589  
## 179 -0.39404534 -0.34170013  
## 30 -0.96817033 -0.96757736  
## 60 -0.98200588 -0.96117711  
## 90 -0.94562884 -0.93779812  
## 120 -0.17590092 -0.24735034  
## 150 -0.34806512 -0.26372076  
## 180 -0.36605843 -0.31893700  
## FrequencyBodyGyroscopeSTD()-X FrequencyBodyGyroscopeSTD()-Y  
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## 121 -0.4954225 -0.18141473  
## 151 -0.5658925 0.15153891  
## 2 -0.9888607 -0.98191062  
## 32 -0.9868085 -0.97735619  
## 62 -0.9749881 -0.97103605  
## 92 -0.6040530 -0.53304695  
## 122 -0.3794367 -0.45873275  
## 152 -0.4763588 -0.45975849  
## 3 -0.9759864 -0.97703250  
## 33 -0.9680131 -0.93960999  
## 63 -0.9019857 -0.92312594  
## 93 -0.6151214 -0.56888867  
## 123 -0.3086303 -0.55309454  
## 153 -0.4848210 -0.55604595  
## 4 -0.9750947 -0.95618250  
## 34 -0.9733331 -0.95412042  
## 64 -0.9124648 -0.94582584  
## 94 -0.5426468 -0.65465777  
## 124 -0.4149190 -0.69151837  
## 154 -0.4835487 -0.48982428  
## 5 -0.9807058 -0.97725780  
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## 65 -0.9127809 -0.93185781  
## 95 -0.5293928 -0.50268338  
## 125 -0.5149409 -0.43155278  
## 155 -0.5016856 -0.40348639  
## 6 -0.9621650 -0.94536510  
## 36 -0.9634070 -0.94490147  
## 66 -0.9528174 -0.94253917  
## 96 -0.5153239 -0.33200871  
## 126 -0.2867249 -0.23547098  
## 156 -0.3902481 -0.31361857  
## 7 -0.9623483 -0.93972787  
## 37 -0.9427264 -0.93824472  
## 67 -0.9478920 -0.94581816  
## 97 -0.5636153 -0.29085938  
## 127 -0.4327310 -0.35171774  
## 157 -0.3686370 -0.57996461  
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## 38 -0.9853393 -0.96892443  
## 68 -0.9742010 -0.96805550  
## 98 -0.2342520 -0.19080572  
## 128 -0.3027351 -0.04613563  
## 158 -0.4099556 -0.04788025  
## 9 -0.9463892 -0.92313194  
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## 129 -0.4235588 -0.36428257  
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## 10 -0.9645446 -0.95345350  
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## 100 -0.4582929 -0.20439282  
## 130 -0.3395144 -0.34323700  
## 160 -0.3413016 0.17173579  
## 11 -0.9824246 -0.98266063  
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## 131 -0.3977228 -0.48112749  
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## 132 -0.4223632 -0.51892313  
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## 13 -0.9734468 -0.95994413  
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## 133 -0.4521904 -0.24966033  
## 163 -0.5629110 -0.36428326  
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## 74 -0.9627410 -0.94430686  
## 104 -0.6300821 0.08329506  
## 134 -0.3788829 0.07413912  
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## 75 -0.9482752 -0.96944288  
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## 165 -0.4372253 -0.24361227  
## 16 -0.9775096 -0.96813525  
## 46 -0.9820579 -0.95434375  
## 76 -0.9739269 -0.97840242  
## 106 -0.6737411 -0.61194088  
## 136 -0.4703735 -0.56521403  
## 166 -0.5098960 -0.55960060  
## 17 -0.9772035 -0.97062781  
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## 77 -0.9817913 -0.98394658  
## 107 -0.5048493 -0.43923879  
## 137 -0.3931947 -0.46939043  
## 167 -0.5244684 -0.48115412  
## 18 -0.9930194 -0.98345777  
## 48 -0.9925754 -0.98571009  
## 78 -0.9622727 -0.97880185  
## 108 -0.7349014 -0.46089066  
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## 49 -0.9855760 -0.95559861  
## 79 -0.9466070 -0.96696724  
## 109 -0.1083888 -0.13301029  
## 139 0.1966133 -0.02848957  
## 169 -0.4775147 -0.14992516  
## 20 -0.9851546 -0.97309252  
## 50 -0.9784335 -0.95801570  
## 80 -0.8905257 -0.90123750  
## 110 -0.2799315 0.10770481  
## 140 -0.2533656 -0.15996142  
## 170 -0.5320217 -0.07904672  
## 21 -0.9762269 -0.94659986  
## 51 -0.9895593 -0.97472322  
## 81 -0.9645303 -0.95408091  
## 111 -0.4918592 -0.41940088  
## 141 -0.4697901 -0.38841875  
## 171 -0.5609680 -0.47829964  
## 22 -0.9580310 -0.96071125  
## 52 -0.9823733 -0.94610794  
## 82 -0.9198518 -0.96217274  
## 112 -0.3744963 -0.48162441  
## 142 -0.2845324 -0.57033990  
## 172 -0.3381398 -0.47388207  
## 23 -0.9826652 -0.95499731  
## 53 -0.9815232 -0.94373342  
## 83 -0.9416985 -0.94587119  
## 113 -0.5450517 0.28658152  
## 143 -0.4825983 0.12605232  
## 173 -0.5904308 -0.30161998  
## 24 -0.9847133 -0.95779295  
## 54 -0.9888916 -0.97625243  
## 84 -0.9618857 -0.96579806  
## 114 -0.6169158 -0.49589627  
## 144 -0.4848947 -0.52341270  
## 174 -0.6029455 -0.58617782  
## 25 -0.8913081 -0.93229333  
## 55 -0.9905500 -0.97982888  
## 85 -0.9726642 -0.97596067  
## 115 -0.4066781 -0.56720128  
## 145 -0.3162521 -0.47064112  
## 175 -0.5001198 -0.34936269  
## 26 -0.9909701 -0.97749184  
## 56 -0.9913184 -0.96948819  
## 86 -0.9753216 -0.98174087  
## 116 -0.5329996 -0.58793960  
## 146 -0.3981999 -0.49750634  
## 176 -0.5908123 -0.59823664  
## 27 -0.9893823 -0.98305232  
## 57 -0.9889846 -0.98103769  
## 87 -0.9702218 -0.98185776  
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## 147 -0.3909684 -0.54303325  
## 177 -0.5742543 -0.58786947  
## 28 -0.9580921 -0.95755299  
## 58 -0.9816151 -0.95320702  
## 88 -0.8867068 -0.93610161  
## 118 -0.5454802 -0.49747074  
## 148 -0.3454533 -0.29310836  
## 178 -0.5563834 -0.45998932  
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## 89 -0.9791626 -0.98964372  
## 119 -0.6543136 -0.09413597  
## 149 -0.3191231 -0.35487269  
## 179 -0.3503382 0.23434678  
## 30 -0.9744884 -0.96513415  
## 60 -0.9884848 -0.97380495  
## 90 -0.9117182 -0.93946977  
## 120 -0.3990323 0.09554560  
## 150 -0.2783866 -0.25573205  
## 180 -0.5034842 0.04495455  
## FrequencyBodyGyroscopeSTD()-Z FrequencyBodyGyroscopeMeanFreq()-X  
## 1 -0.91658251 -0.003546796  
## 31 -0.94391784 0.189153021  
## 61 -0.98234533 -0.120293021  
## 91 -0.43656223 0.014784499  
## 121 -0.23844357 -0.100453729  
## 151 -0.57170784 -0.187450248  
## 2 -0.96317422 0.102611319  
## 32 -0.96352266 0.130523121  
## 62 -0.96975430 -0.107416045  
## 92 -0.55985664 0.007279680  
## 122 -0.42298767 -0.037529802  
## 152 -0.21807247 -0.115324434  
## 3 -0.96725685 -0.082216645  
## 33 -0.93063315 0.052084449  
## 63 -0.91974385 -0.297107442  
## 93 -0.54589639 0.033759690  
## 123 -0.54816431 -0.159888621  
## 153 -0.56109765 -0.145536204  
## 4 -0.96580747 -0.066092182  
## 34 -0.93286835 0.109092658  
## 64 -0.91665163 -0.274809641  
## 94 -0.71645848 -0.127154086  
## 124 -0.62165847 -0.127145377  
## 154 -0.42453351 -0.206073104  
## 5 -0.96330574 -0.022723586  
## 35 -0.94734648 0.125891359  
## 65 -0.91678936 -0.178598411  
## 95 -0.42036708 -0.045860194  
## 125 -0.37470519 -0.008922866  
## 155 -0.38037801 -0.061580336  
## 6 -0.94713677 0.102549066  
## 36 -0.94732680 0.139409517  
## 66 -0.95445570 -0.114716166  
## 96 -0.51220923 0.091240973  
## 126 -0.27566726 0.001504466  
## 156 -0.30999809 -0.055914015  
## 7 -0.95887641 -0.139745225  
## 37 -0.93982602 -0.071630230  
## 67 -0.95433941 -0.188057606  
## 97 -0.46327002 0.111912537  
## 127 -0.49512005 -0.219867702  
## 157 -0.39306289 -0.329345937  
## 8 -0.97067197 -0.105590904  
## 38 -0.96263225 0.116741557  
## 68 -0.97597646 -0.154243187  
## 98 -0.14297423 -0.176032066  
## 128 -0.26825341 -0.177172959  
## 158 0.26320288 -0.221044979  
## 9 -0.96568631 -0.230699179  
## 39 -0.93418748 -0.128144115  
## 69 -0.94494281 -0.222857824  
## 99 -0.34236722 -0.200624504  
## 129 -0.35656147 -0.165224232  
## 159 -0.16555455 -0.284881769  
## 10 -0.97529880 0.070757575  
## 40 -0.96241856 0.214105021  
## 70 -0.95890126 -0.281787223  
## 100 -0.27329287 -0.093367142  
## 130 -0.15039164 -0.177215652  
## 160 -0.40382208 -0.235765047  
## 11 -0.96318390 0.006108200  
## 41 -0.95680277 0.115678529  
## 71 -0.98230878 -0.129935993  
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## 131 -0.39722047 -0.263295936  
## 161 -0.72992873 -0.245040398  
## 12 -0.95642438 0.010569758  
## 42 -0.95476988 -0.062508699  
## 72 -0.95433576 -0.241064350  
## 102 -0.42225652 0.020408840  
## 132 -0.44851299 -0.054812339  
## 162 -0.39609572 -0.158314161  
## 13 -0.96979721 -0.101926540  
## 43 -0.96945175 0.100550895  
## 73 -0.97553327 -0.251063048  
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## 163 -0.27252501 -0.211194499  
## 14 -0.95779048 -0.236882321  
## 44 -0.95602881 -0.107487048  
## 74 -0.95016271 -0.306015726  
## 104 -0.18023295 -0.159441619  
## 134 0.18279470 -0.250106322  
## 164 0.52245422 -0.389723705  
## 15 -0.96001583 -0.154987483  
## 45 -0.96622865 0.105475683  
## 75 -0.97128218 -0.188670855  
## 105 -0.54399759 -0.149193146  
## 135 -0.34367330 -0.246346934  
## 165 -0.52374430 -0.284366648  
## 16 -0.98573100 -0.125551598  
## 46 -0.96427005 0.138693079  
## 76 -0.98352740 -0.117570140  
## 106 -0.40321979 -0.184031595  
## 136 -0.52110082 -0.282624940  
## 166 -0.38730949 -0.380643599  
## 17 -0.97835713 0.006567923  
## 47 -0.98096965 0.167684959  
## 77 -0.98672527 -0.139034613  
## 107 -0.43876870 -0.102582659  
## 137 -0.54094952 -0.279498022  
## 167 -0.27789147 -0.230933831  
## 18 -0.98648305 0.055156416  
## 48 -0.98279728 0.113674950  
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## 138 -0.54399611 -0.300670600  
## 168 -0.46602243 -0.304205041  
## 19 -0.97541752 0.249209412  
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## 109 -0.22027119 -0.093616218  
## 139 -0.21589223 -0.147027421  
## 169 -0.20749812 0.011172855  
## 20 -0.97499527 -0.043007851  
## 50 -0.94917682 -0.032701888  
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## 110 -0.26495721 -0.096699032  
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## 21 -0.98327071 -0.105481414  
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## 81 -0.96312457 -0.187974568  
## 111 -0.38550536 -0.016863895  
## 141 -0.45077214 -0.221663382  
## 171 0.01309164 -0.144902650  
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## 82 -0.96365278 -0.391232980  
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## 172 -0.22243179 -0.203542111  
## 23 -0.98531784 0.131455434  
## 53 -0.96191405 0.070440199  
## 83 -0.96424992 -0.291595925  
## 113 -0.28782087 -0.007347798  
## 143 -0.30589670 0.021633367  
## 173 -0.08225211 -0.088703053  
## 24 -0.98360275 0.213437011  
## 54 -0.97285179 0.041032720  
## 84 -0.97268865 -0.289553438  
## 114 -0.45333786 -0.055099196  
## 144 -0.57328191 -0.054528737  
## 174 -0.31199641 -0.187707848  
## 25 -0.91546750 -0.205003716  
## 55 -0.97417287 0.136192219  
## 85 -0.97498209 -0.185802650  
## 115 -0.60354421 -0.333688632  
## 145 -0.50673831 -0.269850388  
## 175 -0.60111261 -0.380037334  
## 26 -0.97178905 0.153049810  
## 56 -0.96826667 0.106739302  
## 86 -0.97735101 -0.166415001  
## 116 -0.42623209 -0.083759610  
## 146 -0.43448219 -0.109325027  
## 176 -0.36205218 -0.069301713  
## 27 -0.98009644 0.091110110  
## 57 -0.97759552 0.028063601  
## 87 -0.98310505 -0.246819626  
## 117 -0.29784751 -0.040573463  
## 147 -0.36781605 -0.181812747  
## 177 -0.18350870 -0.238720732  
## 28 -0.96631202 -0.258860970  
## 58 -0.96156104 0.017742249  
## 88 -0.93203908 -0.316450050  
## 118 -0.30824339 -0.062019697  
## 148 -0.41650589 -0.092302181  
## 178 -0.22624338 -0.115729101  
## 29 -0.97685896 0.235949986  
## 59 -0.97291252 0.069838773  
## 89 -0.98471423 -0.105103421  
## 119 -0.49411748 0.180832984  
## 149 -0.41616585 -0.172300403  
## 179 -0.44415306 -0.291046727  
## 30 -0.97219924 -0.066179397  
## 60 -0.95730869 -0.015402243  
## 90 -0.93517688 -0.393526161  
## 120 -0.23794147 -0.207685653  
## 150 -0.37154148 -0.395770151  
## 180 -0.25342707 -0.336954241  
## FrequencyBodyGyroscopeMeanFreq()-Y FrequencyBodyGyroscopeMeanFreq()-Z  
## 1 -0.091529131 0.0104581257  
## 31 0.063127067 -0.0297839207  
## 61 -0.044719198 0.1006076351  
## 91 -0.065774619 0.0007733216  
## 121 0.082551149 -0.0756762068  
## 151 -0.473574787 -0.1333739043  
## 2 0.042280668 0.0552985986  
## 32 -0.192142738 0.0409472349  
## 62 -0.171160370 0.0002268106  
## 92 -0.042700932 0.1397521153  
## 122 0.077089456 0.1367749584  
## 152 -0.130357851 -0.0773418117  
## 3 -0.026682011 0.1476864555  
## 33 -0.166042259 -0.0387467420  
## 63 -0.316011207 -0.2291200911  
## 93 -0.037989651 -0.0445079739  
## 123 -0.109972458 0.0910072842  
## 153 -0.339321488 -0.1020138341  
## 4 -0.526889996 0.1528863116  
## 34 -0.394745540 -0.1457260342  
## 64 -0.364372375 -0.2231091545  
## 94 -0.274665638 0.1498515347  
## 124 -0.185485631 0.3770740968  
## 154 -0.491527601 -0.1301342081  
## 5 0.068124848 0.0413600281  
## 35 -0.187706341 0.0966833908  
## 65 -0.162944927 -0.1091803638  
## 95 -0.019186012 0.1674578191  
## 125 -0.007642421 0.2115558070  
## 155 -0.138063832 0.0608132840  
## 6 0.023656780 0.0445225538  
## 36 -0.129239218 0.0438103633  
## 66 -0.195978463 -0.0778747191  
## 96 0.041626754 0.3028749498  
## 126 0.151125875 0.3029636429  
## 156 -0.129471191 0.0102927666  
## 7 -0.453725645 0.0144682871  
## 37 -0.308762329 -0.0187739587  
## 67 -0.298448698 -0.1881166280  
## 97 0.273141323 0.0143564055  
## 127 0.200566271 0.0076371946  
## 157 -0.054117536 -0.3461055753  
## 8 -0.199880206 0.2135683822  
## 38 -0.261139450 -0.0430176558  
## 68 -0.197392513 0.0222011082  
## 98 -0.102881608 -0.2188007538  
## 128 0.071679424 -0.0051304019  
## 158 -0.184403755 -0.2962346665  
## 9 -0.321206958 -0.0551254137  
## 39 -0.359739582 -0.1732421531  
## 69 -0.348959970 -0.1657612633  
## 99 0.016481583 -0.1521037211  
## 129 -0.003516971 -0.1151919925  
## 159 -0.414946340 -0.5074908667  
## 10 0.071312565 0.1576205055  
## 40 0.067725229 -0.0844435960  
## 70 -0.164082231 -0.0988874452  
## 100 -0.122109930 -0.1298003721  
## 130 -0.005559587 -0.0448928718  
## 160 -0.421428723 -0.1354786973  
## 11 0.104942478 0.0963568934  
## 41 -0.102473211 -0.0459579466  
## 71 0.119201234 -0.0212967788  
## 101 -0.297177113 -0.1840657883  
## 131 -0.255277888 -0.1504800424  
## 161 -0.635531917 -0.1833283778  
## 12 -0.019986654 0.0419799361  
## 42 -0.194160297 -0.0808451003  
## 72 -0.143868273 -0.1305389811  
## 102 -0.025458443 -0.0279041184  
## 132 0.110212110 0.0410165250  
## 162 -0.351127977 -0.2245418797  
## 13 -0.042663103 0.1465093819  
## 43 -0.106178686 0.0136492165  
## 73 -0.170676015 -0.0652523064  
## 103 0.074127360 0.1260142165  
## 133 0.066526839 -0.0346308041  
## 163 -0.293383224 -0.2407208230  
## 14 -0.277833949 0.0233332527  
## 44 -0.341282824 -0.0834989972  
## 74 -0.278003653 -0.1988974550  
## 104 -0.420295652 -0.3609703002  
## 134 -0.207057454 -0.1134533808  
## 164 -0.521877343 -0.5015725980  
## 15 -0.146020122 0.0008121859  
## 45 -0.154626052 -0.0086725970  
## 75 -0.130161073 -0.0512384435  
## 105 -0.339593024 -0.0485169126  
## 135 -0.134716107 -0.0645117088  
## 165 -0.465209736 -0.2191228862  
## 16 -0.215507801 0.1002357552  
## 46 -0.174805736 0.2071127983  
## 76 -0.180188922 0.0079153235  
## 106 -0.087047584 -0.2850787299  
## 136 0.079105923 -0.1213215782  
## 166 -0.311988460 -0.4197840418  
## 17 0.015484763 0.1319705842  
## 47 -0.148799346 0.1234302409  
## 77 -0.162736719 0.0601796814  
## 107 -0.076168117 -0.1632707279  
## 137 -0.074445168 -0.1547267986  
## 167 -0.210551597 -0.3491785713  
## 18 -0.055605412 0.1930838560  
## 48 -0.150376357 0.1032033883  
## 78 -0.264498462 -0.1004561906  
## 108 -0.281459547 -0.2355977771  
## 138 -0.235263360 -0.2116495158  
## 168 -0.502729413 -0.3223330664  
## 19 -0.156450013 0.0518654912  
## 49 -0.393021958 -0.1473669714  
## 79 -0.291796964 -0.1139764279  
## 109 -0.076583236 -0.0330194536  
## 139 0.101341293 0.1956648531  
## 169 -0.191499706 -0.1520295249  
## 20 -0.078400334 0.0083239205  
## 50 -0.314720986 -0.1446548379  
## 80 -0.360072092 -0.2351506187  
## 110 0.001397304 -0.0890585991  
## 140 -0.094529160 -0.1019617231  
## 170 -0.260134952 -0.2683677381  
## 21 -0.407760367 0.2662385450  
## 51 -0.161183349 0.0208820464  
## 81 -0.248811283 -0.0796430682  
## 111 -0.017036139 -0.1407559659  
## 141 0.047621859 -0.0827761198  
## 171 -0.101887933 -0.3604495900  
## 22 -0.143181334 0.0627250151  
## 52 -0.273301880 -0.1179750220  
## 82 -0.374460047 -0.1771965796  
## 112 -0.114134633 0.0677168286  
## 142 -0.032496211 0.0129270711  
## 172 -0.170789279 -0.1474291369  
## 23 -0.147231394 0.2891845307  
## 53 -0.082620385 0.1375455175  
## 83 -0.197834986 -0.1639869728  
## 113 0.166489216 -0.0544726684  
## 143 0.088128426 -0.0603317195  
## 173 -0.136461408 -0.4134524160  
## 24 -0.181215229 0.2585715162  
## 54 -0.281538204 -0.0466430855  
## 84 -0.129026964 -0.0650613444  
## 114 0.047995666 -0.2246715504  
## 144 0.093588464 0.0208409579  
## 174 -0.067744122 -0.3435696791  
## 25 -0.262888528 -0.1398612138  
## 55 -0.300483308 0.0368690795  
## 85 -0.224933997 -0.0699344713  
## 115 -0.327099559 -0.1969731682  
## 145 -0.474769377 -0.1919737749  
## 175 -0.549103239 -0.2549712445  
## 26 -0.066547725 0.2061930138  
## 56 -0.384197691 0.0345111450  
## 86 -0.118659609 -0.0120859135  
## 116 0.132622789 -0.0631030041  
## 146 0.042572962 -0.0137289300  
## 176 -0.095641703 -0.2165007201  
## 27 -0.019569048 0.2548048465  
## 57 -0.159439067 0.0218168995  
## 87 -0.139056087 0.0576302700  
## 117 0.001985691 -0.1287213821  
## 147 0.232186897 0.0367238492  
## 177 -0.125411021 -0.4301025129  
## 28 -0.349472545 0.1236275908  
## 58 -0.320939754 -0.0574600312  
## 88 -0.359311640 -0.1976162971  
## 118 -0.150925257 -0.1550760236  
## 148 -0.064530717 -0.0122512308  
## 178 -0.251074231 -0.3032545165  
## 29 0.040138526 0.2503076292  
## 59 -0.173147234 -0.0194301190  
## 89 -0.149854193 -0.0235538799  
## 119 -0.362824435 0.0619511793  
## 149 -0.376915788 -0.0201656503  
## 179 -0.666814815 -0.2018148009  
## 30 -0.239924763 0.0674681473  
## 60 -0.312781565 -0.0503841255  
## 90 -0.302348710 -0.2486311680  
## 120 -0.380731547 -0.2626507412  
## 150 -0.286467078 -0.2527628568  
## 180 -0.642703958 -0.4836832708  
## FrequencyBodyAccelerometerMagnitudeMean()  
## 1 -0.861767648  
## 31 -0.947782923  
## 61 -0.985356361  
## 91 -0.128623451  
## 121 0.096584534  
## 151 -0.352395945  
## 2 -0.975110196  
## 32 -0.961273748  
## 62 -0.964052166  
## 92 -0.324289428  
## 122 0.293424827  
## 152 -0.145318539  
## 3 -0.965524275  
## 33 -0.904185726  
## 63 -0.926968932  
## 93 -0.290031535  
## 123 0.028941320  
## 153 -0.315866079  
## 4 -0.939389701  
## 34 -0.929002095  
## 64 -0.917614015  
## 94 -0.450804558  
## 124 -0.019074335  
## 154 -0.276825498  
## 5 -0.962234984  
## 35 -0.936290605  
## 65 -0.904641392  
## 95 -0.304992489  
## 125 0.155742169  
## 155 -0.169261525  
## 6 -0.912351652  
## 36 -0.935750391  
## 66 -0.945949804  
## 96 -0.201386608  
## 126 0.395958035  
## 156 -0.081947940  
## 7 -0.927976881  
## 37 -0.908956776  
## 67 -0.945611450  
## 97 -0.151243650  
## 127 0.218911066  
## 157 -0.378618762  
## 8 -0.932279646  
## 38 -0.947981783  
## 68 -0.953746071  
## 98 -0.095217283  
## 128 0.301626757  
## 158 -0.130264519  
## 9 -0.926604295  
## 39 -0.897718197  
## 69 -0.946330172  
## 99 -0.318801023  
## 129 0.222203941  
## 159 -0.372890349  
## 10 -0.950848109  
## 40 -0.955281011  
## 70 -0.940110167  
## 100 -0.093023742  
## 130 0.220115703  
## 160 -0.166866722  
## 11 -0.973994005  
## 41 -0.953066009  
## 71 -0.982255414  
## 101 -0.458514063  
## 131 0.090280758  
## 161 -0.336061027  
## 12 -0.943867440  
## 42 -0.955944253  
## 72 -0.945217803  
## 102 -0.153116003  
## 132 0.148017269  
## 162 -0.290005419  
## 13 -0.959535494  
## 43 -0.956901560  
## 73 -0.972393559  
## 103 -0.234600866  
## 133 0.052879188  
## 163 -0.367522801  
## 14 -0.899463669  
## 44 -0.940589853  
## 74 -0.949715060  
## 104 -0.373516771  
## 134 0.471905155  
## 164 -0.075985181  
## 15 -0.956001034  
## 45 -0.949752001  
## 75 -0.960337344  
## 105 -0.275156242  
## 135 0.331150229  
## 165 -0.165242148  
## 16 -0.968020521  
## 46 -0.958335481  
## 76 -0.971082558  
## 106 -0.410463242  
## 136 0.114032089  
## 166 -0.370649738  
## 17 -0.961046326  
## 47 -0.973626755  
## 77 -0.980967748  
## 107 -0.429380043  
## 137 0.058068052  
## 167 -0.150305643  
## 18 -0.986788412  
## 48 -0.984781467  
## 78 -0.976797646  
## 108 -0.424386734  
## 138 -0.241973535  
## 168 -0.436561064  
## 19 -0.971957401  
## 49 -0.962632578  
## 79 -0.968910789  
## 109 0.032227230  
## 139 0.586637551  
## 169 -0.079628763  
## 20 -0.952827071  
## 50 -0.946913452  
## 80 -0.921225595  
## 110 -0.003533418  
## 140 0.151887747  
## 170 -0.205009295  
## 21 -0.953769071  
## 51 -0.974829227  
## 81 -0.962291334  
## 111 -0.251266389  
## 141 0.239895894  
## 171 -0.257894449  
## 22 -0.929818991  
## 52 -0.943078237  
## 82 -0.949044483  
## 112 -0.024158496  
## 142 0.155526859  
## 172 -0.086690512  
## 23 -0.967747053  
## 53 -0.945837830  
## 83 -0.957986177  
## 113 -0.094260631  
## 143 0.364829993  
## 173 -0.231382662  
## 24 -0.973171068  
## 54 -0.968905031  
## 84 -0.960066088  
## 114 -0.434618912  
## 144 -0.023170163  
## 174 -0.322300989  
## 25 -0.774481944  
## 55 -0.967017993  
## 85 -0.972355393  
## 115 -0.566060023  
## 145 -0.288154788  
## 175 -0.527907562  
## 26 -0.969269114  
## 56 -0.952411044  
## 86 -0.970605250  
## 116 -0.379836743  
## 146 0.075101685  
## 176 -0.167566383  
## 27 -0.981389018  
## 57 -0.974766467  
## 87 -0.973186182  
## 117 -0.327229406  
## 147 0.149816459  
## 177 -0.393928937  
## 28 -0.961035588  
## 58 -0.953928124  
## 88 -0.929146479  
## 118 -0.352156842  
## 148 0.188840008  
## 178 -0.213519365  
## 29 -0.986800645  
## 59 -0.973346532  
## 89 -0.984548095  
## 119 -0.235683306  
## 149 0.115973968  
## 179 -0.108306403  
## 30 -0.962840820  
## 60 -0.959923388  
## 90 -0.932047451  
## 120 -0.342363773  
## 150 0.004101510  
## 180 -0.400588354  
## FrequencyBodyAccelerometerMagnitudeSTD()  
## 1 -0.7983009404  
## 31 -0.9284448017  
## 61 -0.9823138047  
## 91 -0.3980325868  
## 121 -0.1865303011  
## 151 -0.4162601015  
## 2 -0.9751213879  
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## 92 -0.5771052117  
## 122 -0.0214787882  
## 152 -0.3667282438  
## 3 -0.9683502174  
## 33 -0.8746265921  
## 63 -0.9218360766  
## 93 -0.4563730809  
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## 153 -0.4479943692  
## 4 -0.9371879760  
## 34 -0.9198157096  
## 64 -0.8953400421  
## 94 -0.6511726282  
## 124 -0.2636440303  
## 154 -0.3010058985  
## 5 -0.9625253694  
## 35 -0.9256692911  
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## 155 -0.2540919271  
## 6 -0.9053739798  
## 36 -0.9395472029  
## 66 -0.9445641075  
## 96 -0.4216830935  
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## 7 -0.9105424629  
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## 71 -0.9815039696  
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## 161 -0.3760278789  
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## 13 -0.9494313192  
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## 73 -0.9704453789  
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## 18 -0.9876484845  
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## 81 -0.9600418444  
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## 141 0.0791271387  
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## 82 -0.9437391352  
## 112 -0.3813993080  
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## 113 -0.4075775158  
## 143 -0.0453930349  
## 173 -0.4100476433  
## 24 -0.9710630240  
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## 84 -0.9495225564  
## 114 -0.5902658455  
## 144 -0.1752917087  
## 174 -0.4062833776  
## 25 -0.6513532416  
## 55 -0.9619972683  
## 85 -0.9702036604  
## 115 -0.6329274755  
## 145 -0.3594370801  
## 175 -0.5361202932  
## 26 -0.9665766317  
## 56 -0.9345876991  
## 86 -0.9639092993  
## 116 -0.5371839671  
## 146 0.0057494366  
## 176 -0.2742262273  
## 27 -0.9802963391  
## 57 -0.9708852969  
## 87 -0.9675291051  
## 117 -0.5503926049  
## 147 -0.0712120044  
## 177 -0.4687077345  
## 28 -0.9575640187  
## 58 -0.9522814244  
## 88 -0.9238571582  
## 118 -0.5115736706  
## 148 -0.0740585977  
## 178 -0.3346261688  
## 29 -0.9815997836  
## 59 -0.9712180198  
## 89 -0.9822477160  
## 119 -0.3932575055  
## 149 -0.0330868111  
## 179 -0.1559937559  
## 30 -0.9640518107  
## 60 -0.9435437326  
## 90 -0.9217332331  
## 120 -0.4698527949  
## 150 -0.1785351733  
## 180 -0.3945080808  
## FrequencyBodyAccelerometerMagnitudeMeanFreq()  
## 1 0.0864085629  
## 31 0.2366550117  
## 61 0.2845552908  
## 91 0.1906437244  
## 121 0.1191871428  
## 151 -0.0977433496  
## 2 0.2662982125  
## 32 0.1309342029  
## 62 0.1196499639  
## 92 0.3932062083  
## 122 0.0938321298  
## 152 0.1076803952  
## 3 0.2369901279  
## 33 0.0281600787  
## 63 -0.0003327540  
## 93 0.1134943128  
## 123 0.0439616686  
## 153 0.0238218745  
## 4 0.2416978998  
## 34 0.0280921106  
## 64 -0.1029717577  
## 94 0.3820964100  
## 124 0.1010781709  
## 154 -0.1080171717  
## 5 0.2920320950  
## 35 0.0586075165  
## 65 -0.0169422323  
## 95 0.1498525222  
## 125 -0.0137055065  
## 155 -0.0204948538  
## 6 0.1446050868  
## 36 0.1289020462  
## 66 0.0373542194  
## 96 0.2000903640  
## 126 0.1064794823  
## 156 -0.0140154346  
## 7 -0.1290910252  
## 37 -0.0112330112  
## 67 -0.0288451773  
## 97 0.1729978835  
## 127 0.0038029811  
## 157 -0.0892278153  
## 8 0.0484988464  
## 38 0.1215430011  
## 68 0.1106468456  
## 98 0.2040808879  
## 128 0.2291445696  
## 158 0.2070712896  
## 9 -0.0856090525  
## 39 -0.0806134439  
## 69 0.0235738707  
## 99 0.1616729885  
## 129 -0.0498273899  
## 159 -0.0019542749  
## 10 0.2603889463  
## 40 0.2215660813  
## 70 0.0902454674  
## 100 0.1795998648  
## 130 0.1644288292  
## 160 0.0879049623  
## 11 0.3360106606  
## 41 0.1986488373  
## 71 0.2330782272  
## 101 0.0935818049  
## 131 0.0316725684  
## 161 -0.1370893830  
## 12 0.0818083853  
## 42 0.0048783579  
## 72 0.0468988698  
## 102 0.2522677531  
## 132 0.0786150245  
## 162 -0.0011184370  
## 13 0.0815111223  
## 43 0.1505389366  
## 73 0.0936059843  
## 103 0.2535323256  
## 133 0.0821411398  
## 163 -0.1509047241  
## 14 -0.1317711726  
## 44 0.0153680502  
## 74 -0.0374702782  
## 104 -0.0368327907  
## 134 0.0004641651  
## 164 -0.1687238175  
## 15 0.1273584108  
## 45 0.1575063186  
## 75 0.0328961071  
## 105 0.0782256056  
## 135 -0.0581788549  
## 165 -0.0383017813  
## 16 -0.1213023405  
## 46 0.2406172641  
## 76 0.0924921398  
## 106 0.1756004777  
## 136 0.0201391853  
## 166 -0.0937396806  
## 17 -0.0494678209  
## 47 0.1260096691  
## 77 0.1190584075  
## 107 0.1743492278  
## 137 -0.0553633753  
## 167 -0.1844085150  
## 18 0.3394726491  
## 48 0.3045810575  
## 78 0.0447928489  
## 108 0.1316468531  
## 138 -0.0768405980  
## 168 -0.2186155282  
## 19 0.1684811966  
## 49 -0.0538580142  
## 79 0.0017811267  
## 109 0.3073949506  
## 139 0.2264616745  
## 169 0.1670048043  
## 20 0.1877580185  
## 50 0.0408663540  
## 80 -0.0784367686  
## 110 0.2918827014  
## 140 -0.1024749192  
## 170 0.0274686447  
## 21 -0.1018028088  
## 51 0.2500626896  
## 81 0.0947666459  
## 111 0.2327899206  
## 141 0.0117020858  
## 171 0.0293348388  
## 22 0.0988290427  
## 52 -0.0543672717  
## 82 -0.0729359542  
## 112 0.3686208291  
## 142 0.1307825461  
## 172 0.2937447700  
## 23 0.0359321171  
## 53 0.1622849077  
## 83 0.0611889891  
## 113 0.2818117093  
## 143 0.1678466457  
## 173 -0.0111619282  
## 24 0.0811245567  
## 54 0.0943831690  
## 84 -0.0499986379  
## 114 0.1535882675  
## 144 -0.0364416084  
## 174 -0.1137270648  
## 25 -0.2415750564  
## 55 0.1946582044  
## 85 0.1539598746  
## 115 0.0526493104  
## 145 -0.1721656384  
## 175 -0.2732615791  
## 26 0.2772682789  
## 56 0.0890797483  
## 86 0.0663748188  
## 116 0.1743980997  
## 146 -0.1529934756  
## 176 -0.0172240386  
## 27 0.3686796812  
## 57 0.2078556265  
## 87 0.1778253031  
## 117 0.2435359838  
## 147 0.0640204520  
## 177 -0.0126842500  
## 28 0.0383860925  
## 58 0.0291999772  
## 88 -0.0886594278  
## 118 0.1074500694  
## 148 0.0406977206  
## 178 0.0202047637  
## 29 0.4358469317  
## 59 0.2509709278  
## 89 0.1799583119  
## 119 0.0998266558  
## 149 0.0204223114  
## 179 -0.1450776409  
## 30 0.1760172202  
## 60 0.0705937004  
## 90 -0.1115002093  
## 120 0.0483161701  
## 150 -0.0724827649  
## 180 -0.3123380302  
## FrequencyBodyAccelerometerJerkMagnitudeMean()  
## 1 -0.9333003608  
## 31 -0.9852621268  
## 61 -0.9925424775  
## 91 -0.0571194000  
## 121 0.0262184949  
## 151 -0.4426521625  
## 2 -0.9853741148  
## 32 -0.9838746989  
## 62 -0.9770652956  
## 92 -0.1690643528  
## 122 0.2222474096  
## 152 -0.1895111369  
## 3 -0.9759495979  
## 33 -0.9658888917  
## 63 -0.9486274677  
## 93 -0.1867645170  
## 123 -0.0494779773  
## 153 -0.4129208985  
## 4 -0.9622871254  
## 34 -0.9625007338  
## 64 -0.9561392836  
## 94 -0.3185878110  
## 124 -0.1752952866  
## 154 -0.3974062850  
## 5 -0.9773563798  
## 35 -0.9644403023  
## 65 -0.9418259030  
## 95 -0.2694816611  
## 125 0.0091839426  
## 155 -0.2646749390  
## 6 -0.9486554711  
## 36 -0.9483486536  
## 66 -0.9559140054  
## 96 -0.0554014233  
## 126 0.2438342588  
## 156 -0.1698682345  
## 7 -0.9680662592  
## 37 -0.9709541842  
## 67 -0.9674178883  
## 97 -0.0384187299  
## 127 0.0673898861  
## 157 -0.4547832475  
## 8 -0.9617928524  
## 38 -0.9809322924  
## 68 -0.9797458720  
## 98 -0.1238344098  
## 128 0.3315284599  
## 158 -0.1318505675  
## 9 -0.9543205856  
## 39 -0.9530504408  
## 69 -0.9632428840  
## 99 -0.3168707156  
## 129 0.0071687788  
## 159 -0.4195331086  
## 10 -0.9685611216  
## 40 -0.9859008011  
## 70 -0.9516336905  
## 100 0.0205189517  
## 130 0.1569780471  
## 160 -0.1535531474  
## 11 -0.9769407746  
## 41 -0.9753153315  
## 71 -0.9886365953  
## 101 -0.3951161342  
## 131 -0.0974549966  
## 161 -0.4759285017  
## 12 -0.9624484187  
## 42 -0.9717152686  
## 72 -0.9608590095  
## 102 -0.0299124253  
## 132 0.0769968373  
## 162 -0.3208844625  
## 13 -0.9807543860  
## 43 -0.9883485353  
## 73 -0.9819775365  
## 103 -0.1521115008  
## 133 -0.0282156657  
## 163 -0.4251000065  
## 14 -0.9679885963  
## 44 -0.9729853430  
## 74 -0.9702141258  
## 104 -0.4315914534  
## 134 0.1862234781  
## 164 -0.2887443341  
## 15 -0.9736812228  
## 45 -0.9846894371  
## 75 -0.9790787857  
## 105 -0.2897539524  
## 135 0.1584133347  
## 165 -0.2619566800  
## 16 -0.9875145251  
## 46 -0.9839686359  
## 76 -0.9865026879  
## 106 -0.3782784906  
## 136 -0.0745659082  
## 166 -0.4755977178  
## 17 -0.9796873187  
## 47 -0.9914272505  
## 77 -0.9901627988  
## 107 -0.3359388918  
## 137 -0.1886803998  
## 167 -0.3602998531  
## 18 -0.9885484183  
## 48 -0.9904070760  
## 78 -0.9849870732  
## 108 -0.4140377512  
## 138 -0.3833987134  
## 168 -0.5744813966  
## 19 -0.9806215641  
## 49 -0.9837516467  
## 79 -0.9791354127  
## 109 0.0730179929  
## 139 0.5384048461  
## 169 -0.1873913170  
## 20 -0.9796954581  
## 50 -0.9717304626  
## 80 -0.9400078971  
## 110 0.0545269494  
## 140 0.0137917153  
## 170 -0.2150140316  
## 21 -0.9784441239  
## 51 -0.9853423587  
## 81 -0.9706342964  
## 111 -0.1440098897  
## 141 0.1124426197  
## 171 -0.3554437066  
## 22 -0.9626547915  
## 52 -0.9689082971  
## 82 -0.9597438779  
## 112 0.0659727285  
## 142 0.0224783540  
## 172 -0.0458020362  
## 23 -0.9859057039  
## 53 -0.9741214668  
## 83 -0.9737981557  
## 113 -0.0180705702  
## 143 0.3350097243  
## 173 -0.3029680648  
## 24 -0.9831080843  
## 54 -0.9844699629  
## 84 -0.9722513552  
## 114 -0.4186410469  
## 144 -0.2008301371  
## 174 -0.4298007788  
## 25 -0.9600831474  
## 55 -0.9879418255  
## 85 -0.9822941708  
## 115 -0.5645913422  
## 145 -0.4716421116  
## 175 -0.6547951106  
## 26 -0.9891381845  
## 56 -0.9894819428  
## 86 -0.9828768895  
## 116 -0.2933583412  
## 146 -0.1531720291  
## 176 -0.2949704709  
## 27 -0.9880989026  
## 57 -0.9887732694  
## 87 -0.9841516460  
## 117 -0.2599340132  
## 147 0.0108575640  
## 177 -0.4607702778  
## 28 -0.9734362485  
## 58 -0.9691786867  
## 88 -0.9527277652  
## 118 -0.3608114563  
## 148 -0.0128823827  
## 178 -0.2944334157  
## 29 -0.9939982758  
## 59 -0.9900937038  
## 89 -0.9897938926  
## 119 -0.1089782065  
## 149 0.0004488963  
## 179 -0.2391080467  
## 30 -0.9699492696  
## 60 -0.9858263310  
## 90 -0.9533576159  
## 120 -0.3471801347  
## 150 -0.1259614004  
## 180 -0.5497848906  
## FrequencyBodyAccelerometerJerkMagnitudeSTD()  
## 1 -0.92180398  
## 31 -0.98160618  
## 61 -0.99253600  
## 91 -0.10349240  
## 121 -0.10405226  
## 151 -0.53305985  
## 2 -0.98456849  
## 32 -0.98412419  
## 62 -0.97516046  
## 92 -0.16409197  
## 122 0.22748073  
## 152 -0.26042384  
## 3 -0.97530538  
## 33 -0.96656885  
## 63 -0.94820681  
## 93 -0.08985199  
## 123 -0.15910229  
## 153 -0.48060920  
## 4 -0.95803712  
## 34 -0.96158452  
## 64 -0.96003250  
## 94 -0.32045870  
## 124 -0.28042678  
## 154 -0.49732409  
## 5 -0.97638193  
## 35 -0.96654532  
## 65 -0.94360196  
## 95 -0.30568538  
## 125 -0.08973570  
## 155 -0.37861668  
## 6 -0.95155266  
## 36 -0.94730470  
## 66 -0.95538158  
## 96 -0.09649997  
## 126 0.15480886  
## 156 -0.17773484  
## 7 -0.96535923  
## 37 -0.96849487  
## 67 -0.96909216  
## 97 -0.02213836  
## 127 0.10785684  
## 157 -0.49744136  
## 8 -0.96379109  
## 38 -0.97932021  
## 68 -0.97913544  
## 98 -0.27643613  
## 128 0.13473473  
## 158 -0.37926650  
## 9 -0.95509471  
## 39 -0.94939498  
## 69 -0.96359316  
## 99 -0.32233754  
## 129 0.07055261  
## 159 -0.48493575  
## 10 -0.96537755  
## 40 -0.98326674  
## 70 -0.95210596  
## 100 0.05020876  
## 130 0.03802667  
## 160 -0.33436504  
## 11 -0.97512653  
## 41 -0.97228913  
## 71 -0.98802123  
## 101 -0.41744682  
## 131 -0.17366175  
## 161 -0.51370346  
## 12 -0.96165300  
## 42 -0.97295144  
## 72 -0.96414560  
## 102 -0.01395391  
## 132 0.04206313  
## 162 -0.34656514  
## 13 -0.97804435  
## 43 -0.98833230  
## 73 -0.98062126  
## 103 -0.11359192  
## 133 -0.07098938  
## 163 -0.49109081  
## 14 -0.96360743  
## 44 -0.97295941  
## 74 -0.96967752  
## 104 -0.45342601  
## 134 0.19426342  
## 164 -0.40984765  
## 15 -0.97253008  
## 45 -0.98327625  
## 75 -0.98018409  
## 105 -0.34241193  
## 135 0.15050775  
## 165 -0.39131340  
## 16 -0.98724716  
## 46 -0.98219055  
## 76 -0.98591272  
## 106 -0.44144775  
## 136 -0.09196234  
## 166 -0.51993124  
## 17 -0.97965723  
## 47 -0.99031963  
## 77 -0.98947209  
## 107 -0.21123186  
## 137 -0.23653852  
## 167 -0.43738311  
## 18 -0.98971066  
## 48 -0.99104430  
## 78 -0.98627736  
## 108 -0.44445349  
## 138 -0.38656507  
## 168 -0.58792608  
## 19 -0.97945219  
## 49 -0.98368727  
## 79 -0.97917915  
## 109 -0.02228696  
## 139 0.31634642  
## 169 -0.43467125  
## 20 -0.97956520  
## 50 -0.97259774  
## 80 -0.93602503  
## 110 -0.03106503  
## 140 0.07903798  
## 170 -0.28045003  
## 21 -0.97760488  
## 51 -0.98699155  
## 81 -0.97192612  
## 111 -0.01867344  
## 141 0.06320531  
## 171 -0.47772185  
## 22 -0.95563561  
## 52 -0.96702628  
## 82 -0.95665396  
## 112 0.15828675  
## 142 -0.11853035  
## 172 -0.15129984  
## 23 -0.98654020  
## 53 -0.97211702  
## 83 -0.97505369  
## 113 -0.04573723  
## 143 0.22448050  
## 173 -0.45432484  
## 24 -0.98328512  
## 54 -0.98561372  
## 84 -0.97319551  
## 114 -0.40297998  
## 144 -0.08275549  
## 174 -0.45964780  
## 25 -0.96360121  
## 55 -0.98761880  
## 85 -0.98208332  
## 115 -0.51900425  
## 145 -0.50222477  
## 175 -0.70343369  
## 26 -0.98790146  
## 56 -0.98952127  
## 86 -0.98112931  
## 116 -0.26894847  
## 146 -0.06794108  
## 176 -0.39371535  
## 27 -0.98817486  
## 57 -0.98853165  
## 87 -0.98302228  
## 117 -0.27973202  
## 147 -0.11362594  
## 177 -0.47301156  
## 28 -0.97233613  
## 58 -0.97082334  
## 88 -0.95496316  
## 118 -0.43627301  
## 148 -0.08835985  
## 178 -0.37449591  
## 29 -0.99436667  
## 59 -0.98982291  
## 89 -0.99032793  
## 119 -0.16950650  
## 149 -0.07977143  
## 179 -0.28058356  
## 30 -0.96808778  
## 60 -0.98529496  
## 90 -0.94663985  
## 120 -0.36653742  
## 150 -0.13312430  
## 180 -0.58087813  
## FrequencyBodyAccelerometerJerkMagnitudeMeanFreq()  
## 1 0.2663911542  
## 31 0.3518522020  
## 61 0.4222201023  
## 91 0.0938221807  
## 121 0.0764915474  
## 151 0.0853524092  
## 2 0.3417585745  
## 32 0.2800624240  
## 62 0.3048718652  
## 92 0.2075009267  
## 122 0.0188355111  
## 152 -0.0119168234  
## 3 0.2386111339  
## 33 0.2867957698  
## 63 0.1298162977  
## 93 -0.1171639831  
## 123 0.0434967841  
## 153 0.0904944092  
## 4 0.2740273496  
## 34 0.2271980147  
## 64 0.2012622073  
## 94 0.1114864850  
## 124 0.0926236938  
## 154 0.0497462737  
## 5 0.1970050015  
## 35 0.2459367175  
## 65 0.1409716007  
## 95 -0.0049728779  
## 125 0.1109680648  
## 155 0.1245133002  
## 6 0.1825250779  
## 36 0.1718445198  
## 66 0.1909436822  
## 96 -0.0092288465  
## 126 -0.0016065950  
## 156 -0.0612378408  
## 7 0.2176052867  
## 37 0.1812297253  
## 67 0.2567594399  
## 97 -0.0127446365  
## 127 -0.0373844402  
## 157 0.0458636459  
## 8 0.3508226013  
## 38 0.3067875609  
## 68 0.3080606339  
## 98 0.1761898763  
## 128 0.1814225360  
## 158 0.2745492590  
## 9 0.1670029826  
## 39 0.0974700203  
## 69 0.2005376883  
## 99 0.1592399386  
## 129 -0.0824504600  
## 159 0.0257597456  
## 10 0.2128261878  
## 40 0.3247620928  
## 70 0.1973195248  
## 100 -0.0712853942  
## 130 0.1252059535  
## 160 0.1787349331  
## 11 0.2957478955  
## 41 0.1922591079  
## 71 0.3330989298  
## 101 0.0844543080  
## 131 0.0337475180  
## 161 0.0149014801  
## 12 0.1570651169  
## 42 0.2551914930  
## 72 0.1765986927  
## 102 0.0184494619  
## 132 0.0415244209  
## 162 0.0842262705  
## 13 0.3007506580  
## 43 0.3606463629  
## 73 0.2987453823  
## 103 0.1180312088  
## 133 0.0266434248  
## 163 -0.0278380090  
## 14 0.1757229966  
## 44 0.1984141004  
## 74 0.2142518959  
## 104 0.1647082006  
## 134 -0.0017092358  
## 164 0.0399288326  
## 15 0.2734851294  
## 45 0.2428183442  
## 75 0.2936853141  
## 105 0.0164170632  
## 135 -0.0799656144  
## 165 0.1009600977  
## 16 0.3532661280  
## 46 0.3200551447  
## 76 0.3446739072  
## 106 0.0921999143  
## 136 -0.0148414437  
## 166 0.0673443714  
## 17 0.3742736686  
## 47 0.3815212545  
## 77 0.4268490408  
## 107 0.0274103270  
## 137 -0.0445946372  
## 167 -0.0890136151  
## 18 0.3936359241  
## 48 0.4590908497  
## 78 0.3610139700  
## 108 0.0893293589  
## 138 0.0059300361  
## 168 -0.0290342555  
## 19 0.2113171495  
## 49 0.2684566022  
## 79 0.2907371354  
## 109 0.1249980922  
## 139 0.1746794383  
## 169 0.2968513473  
## 20 0.2627068794  
## 50 0.2297132427  
## 80 -0.0061341486  
## 110 0.0864817773  
## 140 -0.1128762804  
## 170 -0.0202231093  
## 21 0.2996476605  
## 51 0.3279370392  
## 81 0.2919463718  
## 111 0.2016721063  
## 141 0.0106407358  
## 171 0.1679015349  
## 22 0.2088528334  
## 52 0.2073147015  
## 82 0.1069702429  
## 112 0.0976461806  
## 142 0.1383976159  
## 172 0.1875593630  
## 23 0.3380947110  
## 53 0.1995337451  
## 83 0.2616557995  
## 113 0.1517358459  
## 143 0.0579874223  
## 173 0.1482818806  
## 24 0.3473092994  
## 54 0.3535443704  
## 84 0.2932915527  
## 114 0.1028501679  
## 144 -0.0019853714  
## 174 0.0077672679  
## 25 0.2004939404  
## 55 0.3004398785  
## 85 0.3084475003  
## 115 0.1353388423  
## 145 -0.0002596381  
## 175 0.0278971844  
## 26 0.3507040343  
## 56 0.3367867402  
## 86 0.2216684764  
## 116 0.0423616588  
## 146 -0.0845718966  
## 176 0.0571545020  
## 27 0.4051048589  
## 57 0.3579207699  
## 87 0.3290143600  
## 117 0.0162107117  
## 147 0.1037963212  
## 177 0.1162873717  
## 28 0.2668593149  
## 58 0.2291115368  
## 88 0.1333076433  
## 118 0.1230162498  
## 148 0.0545998275  
## 178 0.1723259277  
## 29 0.4880884997  
## 59 0.3362327975  
## 89 0.3880205480  
## 119 -0.0437918181  
## 149 0.0327322972  
## 179 -0.0016431447  
## 30 0.1721210862  
## 60 0.3187685309  
## 90 0.0494752816  
## 120 0.1150108382  
## 150 -0.1252103888  
## 180 -0.0484762641  
## FrequencyBodyGyroscopeMagnitudeMean() FrequencyBodyGyroscopeMagnitudeSTD()  
## 1 -0.8621901854 -0.82431944  
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## 61 -0.9846176234 -0.97846607  
## 91 -0.1992525690 -0.32101795  
## 121 -0.1857202857 -0.39835039  
## 151 -0.3259614574 -0.18298552  
## 2 -0.9721129727 -0.96109838  
## 32 -0.9718405961 -0.96138575  
## 62 -0.9617759048 -0.95678873  
## 92 -0.5307048147 -0.65179284  
## 122 -0.3208385436 -0.37257676  
## 152 -0.4506121848 -0.43862040  
## 3 -0.9645867248 -0.95544186  
## 33 -0.9466649437 -0.92544963  
## 63 -0.9136823626 -0.88343972  
## 93 -0.5697557722 -0.63264329  
## 123 -0.3323766294 -0.32244083  
## 153 -0.5142115837 -0.44518180  
## 4 -0.9615566602 -0.94710033  
## 34 -0.9487697524 -0.92885055  
## 64 -0.9142091657 -0.88719440  
## 94 -0.6092855880 -0.59393720  
## 124 -0.4292133696 -0.45767409  
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## 95 -0.4842628289 -0.58974151  
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## 155 -0.3925645309 -0.44044505  
## 6 -0.9301536395 -0.92869489  
## 36 -0.9297256793 -0.92954914  
## 66 -0.9266642970 -0.92310876  
## 96 -0.3296811234 -0.51064832  
## 126 -0.0143735434 -0.24235386  
## 156 -0.2306270151 -0.31817389  
## 7 -0.9411307192 -0.91889252  
## 37 -0.9330819552 -0.89580498  
## 67 -0.9387049849 -0.91984814  
## 97 -0.1929097655 -0.34389491  
## 127 -0.2550450574 -0.39690965  
## 157 -0.5339829459 -0.44499448  
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## 38 -0.9658067893 -0.95325116  
## 68 -0.9645642241 -0.95411983  
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## 128 -0.0003627297 -0.25559031  
## 158 -0.2296109526 -0.18332565  
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## 39 -0.9344377378 -0.90647123  
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## 99 -0.5137974804 -0.56271453  
## 129 -0.3475402267 -0.42417074  
## 159 -0.5314826939 -0.45684133  
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## 12 -0.9454970225 -0.94037383  
## 42 -0.9585118667 -0.94846098  
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## 102 -0.4425037840 -0.49480222  
## 132 -0.3449384200 -0.42355397  
## 162 -0.5940325152 -0.56443509  
## 13 -0.9576816213 -0.94613343  
## 43 -0.9732582778 -0.96426810  
## 73 -0.9574887995 -0.94685749  
## 103 -0.2674723739 -0.37995184  
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## 15 -0.9468126424 -0.92368224  
## 45 -0.9737621798 -0.96337823  
## 75 -0.9567339002 -0.92883830  
## 105 -0.4891663837 -0.48175022  
## 135 -0.3738986312 -0.34938721  
## 165 -0.4536935663 -0.30858587  
## 16 -0.9702496389 -0.95897508  
## 46 -0.9540609943 -0.93886322  
## 76 -0.9754486322 -0.96357474  
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## 136 -0.4882539396 -0.47993985  
## 166 -0.6305466755 -0.53248672  
## 17 -0.9690144448 -0.96002384  
## 47 -0.9833692923 -0.97471085  
## 77 -0.9842911315 -0.97726342  
## 107 -0.5186180587 -0.61532008  
## 137 -0.4094387583 -0.42886869  
## 167 -0.5040669569 -0.49644458  
## 18 -0.9843290922 -0.98146884  
## 48 -0.9865352421 -0.98125263  
## 78 -0.9723525930 -0.95911346  
## 108 -0.6203313943 -0.66890815  
## 138 -0.6047354144 -0.53384493  
## 168 -0.6540290893 -0.53304464  
## 19 -0.9656247245 -0.95749602  
## 49 -0.9642387685 -0.95048442  
## 79 -0.9585781296 -0.93672355  
## 109 -0.0952460452 -0.14159840  
## 139 0.2039797648 0.03203667  
## 169 -0.2888402678 -0.37713275  
## 20 -0.9698322412 -0.96420592  
## 50 -0.9533990682 -0.94372576  
## 80 -0.8794376748 -0.84912735  
## 110 -0.0520065599 -0.19621024  
## 140 -0.1005661035 -0.15168199  
## 170 -0.2866277168 -0.36094834  
## 21 -0.9623490129 -0.94973658  
## 51 -0.9778397024 -0.97202725  
## 81 -0.9567230224 -0.94776317  
## 111 -0.4095160812 -0.51224934  
## 141 -0.4063922844 -0.48448997  
## 171 -0.4753698868 -0.48340710  
## 22 -0.9460558410 -0.92355236  
## 52 -0.9519527673 -0.93356301  
## 82 -0.9320652708 -0.90022241  
## 112 -0.4383787228 -0.46401913  
## 142 -0.3384173264 -0.34186367  
## 172 -0.3699020000 -0.23402303  
## 23 -0.9662393479 -0.95902554  
## 53 -0.9522932772 -0.93868078  
## 83 -0.9445838297 -0.92480542  
## 113 0.1850782074 -0.06147658  
## 143 0.1508257348 -0.21893043  
## 173 -0.3803882922 -0.47049158  
## 24 -0.9640013835 -0.96136908  
## 54 -0.9779737207 -0.96910590  
## 84 -0.9639223142 -0.95440718  
## 114 -0.5345091638 -0.66803280  
## 144 -0.3742986867 -0.47014727  
## 174 -0.5646649947 -0.54907099  
## 25 -0.9101269936 -0.85066134  
## 55 -0.9793509137 -0.97032190  
## 85 -0.9689724996 -0.96109040  
## 115 -0.5627332527 -0.52926224  
## 145 -0.4857635821 -0.42370733  
## 175 -0.5671534698 -0.38661299  
## 26 -0.9743051796 -0.96613922  
## 56 -0.9764638700 -0.96365065  
## 86 -0.9723331086 -0.96296761  
## 116 -0.5519276131 -0.60946622  
## 146 -0.3345099466 -0.39299065  
## 176 -0.5560847782 -0.56963200  
## 27 -0.9798906680 -0.97180624  
## 57 -0.9794828209 -0.97052827  
## 87 -0.9755255656 -0.96540017  
## 117 -0.5194517040 -0.54688815  
## 147 -0.3591137248 -0.39798420  
## 177 -0.6076677302 -0.52333598  
## 28 -0.9442183694 -0.93167500  
## 58 -0.9602975250 -0.95353429  
## 88 -0.9096524363 -0.87845966  
## 118 -0.5146024248 -0.51681157  
## 148 -0.2233547939 -0.36290384  
## 178 -0.5348354096 -0.52818702  
## 29 -0.9840013417 -0.97667905  
## 59 -0.9802694258 -0.97101137  
## 89 -0.9808797229 -0.97593873  
## 119 -0.4168178534 -0.42915683  
## 149 -0.3814598819 -0.32302458  
## 179 -0.3572138970 -0.07433147  
## 30 -0.9620011990 -0.95264445  
## 60 -0.9738762829 -0.95951394  
## 90 -0.9174494173 -0.88887223  
## 120 -0.3583443560 -0.33154174  
## 150 -0.3567723473 -0.25236188  
## 180 -0.4491507351 -0.15147228  
## FrequencyBodyGyroscopeMagnitudeMeanFreq()  
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## 61 -0.0286057725  
## 91 0.2688443675  
## 121 0.3496138955  
## 151 -0.2193033761  
## 2 0.0185644722  
## 32 -0.1063589092  
## 62 -0.0661266046  
## 92 0.3052838253  
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## 152 -0.0227527690  
## 3 -0.0229296115  
## 33 -0.1155257652  
## 63 -0.3098221614  
## 93 0.1809464630  
## 123 -0.0516699550  
## 153 -0.1777305915  
## 4 -0.2598519698  
## 34 -0.2000847576  
## 64 -0.2861283121  
## 94 0.0697301245  
## 124 0.0600292046  
## 154 -0.1502744792  
## 5 0.1024417659  
## 35 -0.0057835009  
## 65 -0.1577688712  
## 95 0.2506206098  
## 125 0.2046337575  
## 155 -0.0234001988  
## 6 0.1193175229  
## 36 0.0461735838  
## 66 -0.0701196903  
## 96 0.2931096135  
## 126 0.2306930285  
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## 7 -0.2657844911  
## 37 -0.1428308914  
## 67 -0.1871816700  
## 97 0.3003157181  
## 127 0.2352009265  
## 157 -0.1652008966  
## 8 -0.0620563752  
## 38 -0.1411262027  
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## 98 0.0890005738  
## 128 0.2676759829  
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## 9 -0.2063435687  
## 39 -0.1959700516  
## 69 -0.1749535686  
## 99 0.1274162411  
## 129 0.0656782202  
## 159 -0.2599629578  
## 10 0.2165354345  
## 40 0.0058133739  
## 70 -0.2264925963  
## 100 0.1291001068  
## 130 0.0774362596  
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## 41 -0.0398966602  
## 71 -0.0478486176  
## 101 -0.0748370694  
## 131 -0.1698844639  
## 161 -0.3779961009  
## 12 0.0022061550  
## 42 -0.1119821914  
## 72 -0.2614965659  
## 102 0.1460753667  
## 132 0.1135404477  
## 162 -0.1070777964  
## 13 0.0502077340  
## 43 0.0076754334  
## 73 -0.1165048358  
## 103 0.3025769334  
## 133 0.2574210611  
## 163 -0.1041311478  
## 14 -0.1908370393  
## 44 -0.1719707308  
## 74 -0.1910310113  
## 104 -0.0398346769  
## 134 0.0800347917  
## 164 -0.2874130840  
## 15 -0.1963442677  
## 45 -0.0544036755  
## 75 -0.1999135498  
## 105 -0.0458814866  
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## 106 0.1797274285  
## 136 0.0415472891  
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## 77 -0.1156351418  
## 107 0.3515646888  
## 137 -0.0258920215  
## 167 -0.1035208903  
## 18 0.1593754266  
## 48 0.0492559518  
## 78 -0.2125596908  
## 108 0.1756385812  
## 138 -0.1592210759  
## 168 -0.3381257768  
## 19 0.0778651217  
## 49 -0.1924516208  
## 79 -0.2470236169  
## 109 0.1743592313  
## 139 0.1634179754  
## 169 0.0750700310  
## 20 0.0116918216  
## 50 -0.1749801350  
## 80 -0.3054153185  
## 110 0.2066991128  
## 140 -0.0374111876  
## 170 0.0046112734  
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## 81 -0.1419923469  
## 111 0.3855677904  
## 141 0.1308880380  
## 171 -0.0184299309  
## 22 -0.0786142233  
## 52 -0.1710711897  
## 82 -0.3828185294  
## 112 0.2102823225  
## 142 -0.0581080717  
## 172 -0.2248916036  
## 23 0.1024532712  
## 53 0.1254565603  
## 83 -0.1219996200  
## 113 0.4095216115  
## 143 0.4026510902  
## 173 0.0792232972  
## 24 0.0544279336  
## 54 -0.1038045395  
## 84 -0.2215368774  
## 114 0.3514920017  
## 144 0.1647726429  
## 174 -0.0612402085  
## 25 -0.3348495649  
## 55 -0.0911441490  
## 85 -0.1693834823  
## 115 -0.1515138015  
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## 26 0.1117405791  
## 56 -0.1856660851  
## 86 -0.1446050139  
## 116 0.2208116679  
## 146 0.0059910814  
## 176 -0.0255131300  
## 27 0.1743116544  
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## 87 -0.1657139121  
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## 178 -0.0526395586  
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## 149 -0.1015920763  
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## 90 -0.3183090782  
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## FrequencyBodyGyroscopeJerkMagnitudeMean()  
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## 117 -0.62328820  
## 147 -0.46777777  
## 177 -0.71917980  
## 28 -0.97183058  
## 58 -0.97946587  
## 88 -0.95875858  
## 118 -0.59596510  
## 148 -0.39672071  
## 178 -0.66250582  
## 29 -0.99761739  
## 59 -0.99506305  
## 89 -0.99167205  
## 119 -0.62850112  
## 149 -0.59657863  
## 179 -0.69745455  
## 30 -0.97782134  
## 60 -0.99175068  
## 90 -0.95924217  
## 120 -0.54762175  
## 150 -0.61757881  
## 180 -0.77397445  
## FrequencyBodyGyroscopeJerkMagnitudeSTD()  
## 1 -0.93266067  
## 31 -0.98704962  
## 61 -0.99467112  
## 91 -0.38160191  
## 121 -0.39191988  
## 151 -0.69393052  
## 2 -0.98949266  
## 32 -0.98963291  
## 62 -0.97775430  
## 92 -0.55810455  
## 122 -0.34369899  
## 152 -0.62182020  
## 3 -0.98256816  
## 33 -0.97668980  
## 63 -0.95712151  
## 93 -0.54908701  
## 123 -0.62491082  
## 153 -0.74003344  
## 4 -0.98254363  
## 34 -0.97626175  
## 64 -0.96643022  
## 94 -0.75776808  
## 124 -0.68547093  
## 154 -0.79420948  
## 5 -0.98343449  
## 35 -0.97067540  
## 65 -0.94619646  
## 95 -0.45566530  
## 125 -0.48712842  
## 155 -0.57248502  
## 6 -0.95550465  
## 36 -0.95119669  
## 66 -0.95208850  
## 96 -0.40807891  
## 126 -0.14573355  
## 156 -0.45593772  
## 7 -0.96940304  
## 37 -0.97496594  
## 67 -0.97189942  
## 97 -0.08416638  
## 127 -0.35354470  
## 157 -0.70409097  
## 8 -0.97179328  
## 38 -0.98614726  
## 68 -0.98183234  
## 98 -0.58124019  
## 128 -0.26298447  
## 158 -0.57573329  
## 9 -0.95229047  
## 39 -0.96599701  
## 69 -0.96477080  
## 99 -0.62435192  
## 129 -0.48515891  
## 159 -0.78778159  
## 10 -0.96077288  
## 40 -0.99140910  
## 70 -0.96505582  
## 100 -0.51767580  
## 130 -0.54498852  
## 160 -0.67129056  
## 11 -0.98356947  
## 41 -0.98560723  
## 71 -0.99227747  
## 101 -0.77357406  
## 131 -0.71422967  
## 161 -0.82242872  
## 12 -0.96191161  
## 42 -0.97925639  
## 72 -0.96290974  
## 102 -0.56493401  
## 132 -0.48678042  
## 162 -0.73313076  
## 13 -0.97279863  
## 43 -0.99121945  
## 73 -0.97646733  
## 103 -0.34928561  
## 133 -0.34309486  
## 163 -0.71226150  
## 14 -0.96366602  
## 44 -0.98706518  
## 74 -0.96601926  
## 104 -0.65567766  
## 134 -0.35684943  
## 164 -0.56496408  
## 15 -0.97264571  
## 45 -0.98950394  
## 75 -0.98032971  
## 105 -0.65401015  
## 135 -0.59347244  
## 165 -0.79310448  
## 16 -0.98805840  
## 46 -0.98750635  
## 76 -0.99067280  
## 106 -0.74572685  
## 136 -0.63347980  
## 166 -0.82531433  
## 17 -0.98198344  
## 47 -0.99362452  
## 77 -0.99217730  
## 107 -0.52038548  
## 137 -0.64339920  
## 167 -0.72415574  
## 18 -0.99273796  
## 48 -0.99496762  
## 78 -0.98840747  
## 108 -0.76940839  
## 138 -0.76343080  
## 168 -0.86091099  
## 19 -0.97932785  
## 49 -0.98541644  
## 79 -0.98222858  
## 109 -0.33614873  
## 139 -0.14325455  
## 169 -0.58828966  
## 20 -0.98198615  
## 50 -0.97522659  
## 80 -0.92722572  
## 110 -0.17197577  
## 140 -0.28165729  
## 170 -0.50282154  
## 21 -0.98230512  
## 51 -0.99106220  
## 81 -0.97770662  
## 111 -0.42932347  
## 141 -0.57166683  
## 171 -0.70098041  
## 22 -0.97278902  
## 52 -0.97631811  
## 82 -0.96534473  
## 112 -0.47640527  
## 142 -0.69745144  
## 172 -0.70987053  
## 23 -0.98158514  
## 53 -0.97849904  
## 83 -0.97384969  
## 113 0.28783462  
## 143 -0.03985738  
## 173 -0.63265946  
## 24 -0.98009698  
## 54 -0.99093306  
## 84 -0.97975510  
## 114 -0.56744773  
## 144 -0.47803049  
## 174 -0.65387695  
## 25 -0.97045795  
## 55 -0.99201956  
## 85 -0.98309894  
## 115 -0.75738578  
## 145 -0.69303241  
## 175 -0.84106101  
## 26 -0.98962801  
## 56 -0.99420977  
## 86 -0.98331400  
## 116 -0.61293034  
## 146 -0.48949738  
## 176 -0.66984629  
## 27 -0.99355230  
## 57 -0.99196778  
## 87 -0.98857909  
## 117 -0.63924238  
## 147 -0.50283137  
## 177 -0.75171431  
## 28 -0.96931982  
## 58 -0.97839537  
## 88 -0.95598342  
## 118 -0.58907173  
## 148 -0.46472224  
## 178 -0.70485276  
## 29 -0.99758523  
## 59 -0.99474203  
## 89 -0.99151678  
## 119 -0.61866772  
## 149 -0.62667598  
## 179 -0.75646419  
## 30 -0.97548155  
## 60 -0.99094642  
## 90 -0.95500856  
## 120 -0.57858004  
## 150 -0.64550394  
## 180 -0.79134943  
## FrequencyBodyGyroscopeJerkMagnitudeMeanFreq()  
## 1 0.1764859071  
## 31 0.1847759281  
## 61 0.3344987343  
## 91 0.1906634488  
## 121 0.1900007062  
## 151 0.1142773425  
## 2 0.2648015054  
## 32 0.1947221493  
## 62 0.1606628239  
## 92 0.1263446144  
## 122 -0.0512479641  
## 152 0.0467433991  
## 3 0.1106977042  
## 33 0.0871902339  
## 63 -0.0206307818  
## 93 0.0457622958  
## 123 0.0654444361  
## 153 0.0753843585  
## 4 0.2029493815  
## 34 0.0859342030  
## 64 0.0609850024  
## 94 0.2653553740  
## 124 0.1444369257  
## 154 0.1795170123  
## 5 0.0247367107  
## 35 0.0812901326  
## 65 -0.0393135966  
## 95 0.0527330125  
## 125 0.0723815085  
## 155 0.0057863112  
## 6 0.1637653187  
## 36 0.1218465020  
## 66 0.0276252655  
## 96 0.1009247318  
## 126 0.0369462966  
## 156 0.0285053836  
## 7 0.1044229529  
## 37 0.0553638919  
## 67 0.0954707400  
## 97 0.0008803400  
## 127 0.0819463660  
## 157 0.0473349273  
## 8 0.2193712461  
## 38 0.1666387478  
## 68 0.1791736900  
## 98 0.2945900067  
## 128 0.2428436187  
## 158 0.2516633182  
## 9 -0.0162013787  
## 39 0.0315348663  
## 69 0.0243650848  
## 99 0.2432221818  
## 129 0.1320210146  
## 159 0.1360011501  
## 10 0.2026247003  
## 40 0.3440085028  
## 70 0.0133897488  
## 100 -0.0002340192  
## 130 0.1787731170  
## 160 0.1585910309  
## 11 0.2560349769  
## 41 0.1593453668  
## 71 0.2232974089  
## 101 0.0563648369  
## 131 -0.0094250735  
## 161 0.0153270269  
## 12 0.0227004241  
## 42 0.1612682302  
## 72 0.0162815454  
## 102 0.0777777588  
## 132 0.0658769890  
## 162 0.0978624348  
## 13 0.0544469964  
## 43 0.1911022340  
## 73 0.1759574740  
## 103 0.2290379565  
## 133 0.2074357190  
## 163 0.1073012539  
## 14 0.1216438006  
## 44 0.0740675933  
## 74 0.0125408703  
## 104 0.2009172341  
## 134 0.0529337426  
## 164 0.0763471680  
## 15 0.0886671329  
## 45 0.2080168179  
## 75 0.0570238664  
## 105 0.0070601079  
## 135 0.0564155791  
## 165 0.1440107492  
## 16 0.0909875828  
## 46 0.2326317658  
## 76 0.2110781342  
## 106 0.1076755658  
## 136 0.1029278767  
## 166 0.1345378923  
## 17 0.2428508623  
## 47 0.3586823610  
## 77 0.3146178143  
## 107 0.1520442287  
## 137 0.1630452881  
## 167 0.0865541720  
## 18 0.3201322353  
## 48 0.3296174667  
## 78 0.0985401527  
## 108 0.2699676150  
## 138 0.0717609181  
## 168 0.0772586583  
## 19 0.0457006718  
## 49 0.0978646251  
## 79 0.0645676883  
## 109 0.2503826868  
## 139 0.1851854916  
## 169 0.2603464414  
## 20 0.1996536475  
## 50 0.1336353438  
## 80 -0.1337514405  
## 110 0.0212252251  
## 140 -0.0429685326  
## 170 0.1190291967  
## 21 0.2099952374  
## 51 0.2482995470  
## 81 0.1499792315  
## 111 0.2077882408  
## 141 0.2213579941  
## 171 0.2081559341  
## 22 0.1124237084  
## 52 0.0911684163  
## 82 -0.1829235966  
## 112 0.2795741039  
## 142 0.3396563408  
## 172 0.2635271834  
## 23 0.2258850690  
## 53 0.0531832552  
## 83 0.1283762380  
## 113 0.1766934485  
## 143 0.2218494837  
## 173 0.2337700595  
## 24 0.2618139450  
## 54 0.2122965115  
## 84 0.1448690509  
## 114 0.2092004176  
## 144 0.0997292209  
## 174 0.0122259033  
## 25 0.0859903396  
## 55 0.2533702408  
## 85 0.0811606181  
## 115 -0.0036339745  
## 145 -0.1012788027  
## 175 -0.0511617273  
## 26 0.2399354776  
## 56 0.3005293636  
## 86 0.1045167776  
## 116 0.1942154693  
## 146 -0.0043410088  
## 176 -0.0512559512  
## 27 0.3483214532  
## 57 0.2249750479  
## 87 0.2128953103  
## 117 0.0859756803  
## 147 0.0841231922  
## 177 0.1848599872  
## 28 0.0118828610  
## 58 0.0024959274  
## 88 -0.1124428826  
## 118 -0.0760839276  
## 148 0.1312601262  
## 178 0.0991311625  
## 29 0.4263016799  
## 59 0.3077908781  
## 89 0.2198670660  
## 119 0.0796848522  
## 149 0.0844737247  
## 179 0.0535852933  
## 30 0.1072525538  
## 60 0.2166511186  
## 90 -0.1317205382  
## 120 0.1023462973  
## 150 0.0227158393  
## 180 -0.0714398679  
## Angle(TimeBodyAccelerometerMean,Gravity)  
## 1 2.136597e-02  
## 31 2.744155e-02  
## 61 -2.223407e-04  
## 91 6.045375e-02  
## 121 -2.695125e-03  
## 151 9.608608e-02  
## 2 5.791810e-03  
## 32 3.952843e-02  
## 62 -1.368192e-02  
## 92 -3.010174e-02  
## 122 -2.432911e-02  
## 152 9.465111e-02  
## 3 1.789594e-02  
## 33 3.271729e-02  
## 63 7.727706e-03  
## 93 5.275028e-02  
## 123 -4.757942e-02  
## 153 1.348856e-02  
## 4 -2.357753e-03  
## 34 -1.075347e-02  
## 64 1.473124e-02  
## 94 -1.200978e-02  
## 124 6.337594e-04  
## 154 5.920515e-02  
## 5 2.120919e-02  
## 35 2.870365e-02  
## 65 -8.608569e-03  
## 95 -3.228682e-02  
## 125 -3.973846e-02  
## 155 -2.042244e-02  
## 6 4.989439e-03  
## 36 2.327624e-03  
## 66 1.234945e-02  
## 96 -6.803471e-02  
## 126 -4.530852e-02  
## 156 8.641381e-03  
## 7 3.644771e-02  
## 37 1.363660e-02  
## 67 1.024690e-02  
## 97 -2.361439e-02  
## 127 -3.861536e-02  
## 157 1.757997e-02  
## 8 -2.449043e-02  
## 38 1.198963e-02  
## 68 2.589490e-02  
## 98 7.386153e-02  
## 128 -1.436806e-02  
## 158 7.672679e-02  
## 9 9.910772e-04  
## 39 2.130743e-02  
## 69 1.160172e-02  
## 99 -2.596579e-02  
## 129 -1.122777e-01  
## 159 1.291540e-01  
## 10 -2.387298e-02  
## 40 -7.538811e-04  
## 70 -1.379047e-02  
## 100 -1.984113e-02  
## 130 -3.334496e-02  
## 160 1.102937e-01  
## 11 2.750338e-03  
## 41 -1.178601e-02  
## 71 -2.316692e-03  
## 101 6.193811e-02  
## 131 -4.650725e-02  
## 161 -1.685756e-02  
## 12 4.272298e-03  
## 42 1.563159e-02  
## 72 8.919918e-03  
## 102 4.498007e-02  
## 132 -2.655334e-02  
## 162 5.233937e-02  
## 13 -1.263426e-04  
## 43 -3.138534e-02  
## 73 1.442342e-02  
## 103 1.249049e-02  
## 133 -4.774920e-02  
## 163 1.344271e-02  
## 14 1.772967e-02  
## 44 2.760233e-02  
## 74 7.429672e-03  
## 104 5.946294e-02  
## 134 3.549915e-03  
## 164 7.225416e-02  
## 15 4.157223e-03  
## 45 1.280447e-03  
## 75 -2.319950e-03  
## 105 1.138314e-02  
## 135 3.346751e-02  
## 165 4.435724e-02  
## 16 5.392728e-02  
## 46 1.796291e-02  
## 76 5.917980e-03  
## 106 1.480843e-02  
## 136 -1.630426e-01  
## 166 2.389275e-02  
## 17 7.772761e-03  
## 47 -9.176150e-03  
## 77 1.511425e-02  
## 107 6.318500e-02  
## 137 -6.177845e-02  
## 167 5.899563e-02  
## 18 7.802015e-03  
## 48 1.463484e-02  
## 78 9.917167e-03  
## 108 3.926828e-02  
## 138 -2.705133e-02  
## 168 1.459570e-02  
## 19 -2.110749e-02  
## 49 3.584152e-02  
## 79 1.349427e-02  
## 109 -3.473716e-02  
## 139 5.441817e-05  
## 169 2.170966e-02  
## 20 1.038092e-03  
## 50 2.950227e-02  
## 80 1.462162e-02  
## 110 -4.012483e-03  
## 140 -5.539909e-02  
## 170 5.772488e-03  
## 21 7.529687e-05  
## 51 4.241696e-02  
## 81 1.699999e-02  
## 111 -3.418504e-03  
## 141 3.253177e-02  
## 171 -3.159203e-02  
## 22 2.763935e-02  
## 52 -3.105068e-03  
## 82 4.626413e-03  
## 112 -7.002738e-03  
## 142 -4.772930e-02  
## 172 4.408666e-02  
## 23 1.572816e-02  
## 53 1.156164e-02  
## 83 1.187900e-02  
## 113 3.045462e-02  
## 143 -7.870972e-02  
## 173 3.106528e-02  
## 24 1.699660e-02  
## 54 2.055875e-02  
## 84 1.294374e-02  
## 114 -3.030037e-03  
## 144 -5.630718e-02  
## 174 -1.906946e-02  
## 25 6.830847e-02  
## 55 7.954624e-03  
## 85 -6.093155e-03  
## 115 -3.136012e-02  
## 145 -7.107758e-02  
## 175 1.370475e-02  
## 26 -4.196280e-05  
## 56 -2.688528e-04  
## 86 -5.214900e-03  
## 116 4.678141e-02  
## 146 7.678477e-02  
## 176 4.189956e-02  
## 27 2.164265e-02  
## 57 -3.214024e-04  
## 87 1.721206e-02  
## 117 1.253949e-02  
## 147 -1.097203e-01  
## 177 3.026105e-02  
## 28 3.881749e-02  
## 58 1.236779e-02  
## 88 7.609950e-03  
## 118 6.311943e-03  
## 148 -1.331354e-01  
## 178 6.175885e-02  
## 29 -1.251857e-02  
## 59 2.035564e-02  
## 89 -1.482162e-02  
## 119 6.931331e-02  
## 149 -6.020612e-02  
## 179 5.556619e-02  
## 30 -1.061312e-02  
## 60 -1.519255e-02  
## 90 1.728144e-02  
## 120 5.301528e-02  
## 150 6.569962e-03  
## 180 -1.802170e-04  
## Angle(TimeBodyAccelerometerJerkMean),GravityMean)  
## 1 0.0030604074  
## 31 0.0297097878  
## 61 0.0219637827  
## 91 -0.0079303785  
## 121 0.0899316866  
## 151 -0.0610838413  
## 2 -0.0063555765  
## 32 -0.0033928669  
## 62 0.0411822245  
## 92 0.0534005801  
## 122 -0.0063755052  
## 152 -0.0077546690  
## 3 0.0166479534  
## 33 0.0040782968  
## 63 0.0246545251  
## 93 -0.0763020649  
## 123 -0.0108494994  
## 153 0.1151768012  
## 4 -0.0155037568  
## 34 -0.0075990574  
## 64 0.0045729089  
## 94 0.0009211045  
## 124 -0.0525297219  
## 154 -0.0050623654  
## 5 0.0553647963  
## 35 -0.0209532539  
## 65 -0.0057222439  
## 95 -0.0117215776  
## 125 -0.0414008516  
## 155 -0.0772287024  
## 6 0.0322170354  
## 36 -0.0238156430  
## 66 -0.0073786249  
## 96 0.0055953282  
## 126 -0.0358369679  
## 156 0.0032111740  
## 7 0.0199228239  
## 37 -0.0387514768  
## 67 -0.0238336055  
## 97 -0.0053808422  
## 127 -0.0307260213  
## 157 0.0140026346  
## 8 -0.0219448740  
## 38 -0.0175702778  
## 68 -0.0082046212  
## 98 -0.0331417691  
## 128 -0.1194653582  
## 158 -0.0979335781  
## 9 -0.0218178513  
## 39 -0.0319304736  
## 69 0.0048663167  
## 99 0.0623476590  
## 129 -0.0921238957  
## 159 0.0018840350  
## 10 -0.0121815291  
## 40 0.0412403815  
## 70 0.0303705890  
## 100 -0.0428316086  
## 130 -0.0341618390  
## 160 -0.0075300025  
## 11 0.0014353872  
## 41 -0.0105682441  
## 71 -0.0139522135  
## 101 -0.0436671079  
## 131 0.0251428884  
## 161 -0.0632903682  
## 12 0.0232429679  
## 42 -0.0246810833  
## 72 0.0123418554  
## 102 0.0160849354  
## 132 0.0328773767  
## 162 0.0388568273  
## 13 0.0032419144  
## 43 0.0209112877  
## 73 -0.0235598901  
## 103 0.0119029060  
## 133 0.0220198445  
## 163 0.0436485618  
## 14 0.0116599808  
## 44 0.0146690544  
## 74 0.0175847539  
## 104 0.0084610723  
## 134 0.1064217733  
## 164 -0.0091539598  
## 15 -0.0187121704  
## 45 0.0122376311  
## 75 0.0222929098  
## 105 -0.0788266043  
## 135 0.0167093420  
## 165 -0.0221758428  
## 16 0.0259656102  
## 46 -0.0001601600  
## 76 0.0410077143  
## 106 0.0100011475  
## 136 -0.0449862704  
## 166 0.0808783829  
## 17 0.0190444743  
## 47 0.0028135219  
## 77 0.0030196722  
## 107 -0.0086062489  
## 137 -0.1205539757  
## 167 0.0683932525  
## 18 0.0285001831  
## 48 0.0111668165  
## 78 0.0006368392  
## 108 0.0230035142  
## 138 -0.0321249909  
## 168 0.0709435610  
## 19 0.0113723793  
## 49 -0.0203678172  
## 79 0.0055184556  
## 109 0.0098040475  
## 139 0.0187805524  
## 169 0.0058562136  
## 20 0.0201551674  
## 50 0.0217677663  
## 80 0.0060084600  
## 110 0.0302966773  
## 140 0.0429476564  
## 170 -0.0550380313  
## 21 0.0209488811  
## 51 -0.0016166560  
## 81 -0.0231209384  
## 111 -0.0128303728  
## 141 -0.0416673578  
## 171 -0.0664956521  
## 22 0.0484043606  
## 52 -0.0152935294  
## 82 0.0194333314  
## 112 0.0411484051  
## 142 -0.0517115658  
## 172 -0.0592812958  
## 23 -0.0082333948  
## 53 -0.0022422696  
## 83 0.0156168896  
## 113 -0.0766106377  
## 143 -0.0309622597  
## 173 0.0332454766  
## 24 0.0037376826  
## 54 -0.0050303666  
## 84 0.0208373898  
## 114 -0.1027139285  
## 144 0.0070607027  
## 174 -0.0093226670  
## 25 0.2032599659  
## 55 -0.0073306552  
## 85 0.0127270487  
## 115 0.0971389152  
## 145 -0.0854018992  
## 175 0.0261519510  
## 26 0.0264901103  
## 56 0.0334113465  
## 86 0.0272384217  
## 116 -0.0047309946  
## 146 -0.0461740932  
## 176 0.0466143060  
## 27 -0.0094734480  
## 57 0.0256382561  
## 87 0.0346993396  
## 117 0.0248390151  
## 147 0.0009348858  
## 177 0.0173688089  
## 28 -0.0392425156  
## 58 0.0076623530  
## 88 0.0150505403  
## 118 -0.0430248399  
## 148 -0.0496659827  
## 178 0.0502811748  
## 29 -0.0084845011  
## 59 0.0058355729  
## 89 0.0217420440  
## 119 -0.0579199534  
## 149 0.0681507696  
## 179 -0.0594013961  
## 30 0.0369006013  
## 60 0.0458753733  
## 90 0.0041668916  
## 120 -0.0152830439  
## 150 -0.0615355432  
## 180 0.0868940141  
## Angle(TimeBodyGyroscopeMean,GravityMean)  
## 1 -0.001666985  
## 31 0.067698134  
## 61 -0.033793838  
## 91 0.013059491  
## 121 0.063338285  
## 151 -0.194699963  
## 2 0.065286011  
## 32 0.020973170  
## 62 -0.015103516  
## 92 0.021619677  
## 122 0.366551180  
## 152 0.015381561  
## 3 0.045587477  
## 33 0.064370666  
## 63 0.009799109  
## 93 0.096843832  
## 123 0.313783896  
## 153 -0.263078223  
## 4 0.007129605  
## 34 -0.032687280  
## 64 0.101339341  
## 94 0.017781368  
## 124 0.353626044  
## 154 -0.246559359  
## 5 -0.005812889  
## 35 -0.017875219  
## 65 0.086699045  
## 95 0.023735726  
## 125 0.123686466  
## 155 -0.293346476  
## 6 0.085938987  
## 36 0.047927245  
## 66 0.067269393  
## 96 -0.051058045  
## 126 0.312706788  
## 156 0.128194466  
## 7 0.063016312  
## 37 -0.018369851  
## 67 -0.075886457  
## 97 -0.052693664  
## 127 0.259901814  
## 157 0.106104407  
## 8 0.010633307  
## 38 0.012124446  
## 68 0.015246574  
## 98 -0.185503909  
## 128 0.265290535  
## 158 -0.389305120  
## 9 0.052062224  
## 39 0.019833665  
## 69 0.045709677  
## 99 0.121321076  
## 129 0.201647894  
## 159 0.093147946  
## 10 0.019911134  
## 40 0.003581914  
## 70 0.033610764  
## 100 -0.125263284  
## 130 0.277642296  
## 160 -0.263603869  
## 11 -0.022025948  
## 41 -0.003980030  
## 71 0.018593550  
## 101 0.057973080  
## 131 0.297576120  
## 161 -0.009556578  
## 12 0.030970951  
## 42 0.061650717  
## 72 0.028920146  
## 102 0.175529427  
## 132 0.380694037  
## 162 0.095906427  
## 13 0.085728252  
## 43 0.030230910  
## 73 0.040722073  
## 103 0.022245074  
## 133 0.261263762  
## 163 0.146500936  
## 14 0.045876084  
## 44 0.003235953  
## 74 -0.102584280  
## 104 -0.066709735  
## 134 0.059739768  
## 164 -0.223951414  
## 15 -0.029450954  
## 45 0.027477776  
## 75 0.061823932  
## 105 0.040557688  
## 135 0.306097729  
## 165 -0.366351792  
## 16 0.005213995  
## 46 0.007787348  
## 76 0.036808639  
## 106 -0.109617480  
## 136 0.126499396  
## 166 -0.269905448  
## 17 0.015099669  
## 47 0.024542789  
## 77 0.044382169  
## 107 0.073329999  
## 137 -0.079815457  
## 167 -0.027579584  
## 18 0.003238485  
## 48 -0.040857838  
## 78 -0.032528058  
## 108 0.019185272  
## 138 0.124796232  
## 168 0.048178398  
## 19 0.023718590  
## 49 -0.000867430  
## 79 0.013476345  
## 109 0.011076971  
## 139 0.444101172  
## 169 -0.235635805  
## 20 0.062711974  
## 50 -0.005995744  
## 80 -0.022448090  
## 110 -0.004108403  
## 140 0.271516811  
## 170 -0.321605243  
## 21 0.077167516  
## 51 0.003991338  
## 81 -0.086323201  
## 111 0.014850361  
## 141 0.345962371  
## 171 -0.217555238  
## 22 0.009938193  
## 52 0.057050292  
## 82 0.031165201  
## 112 -0.088221172  
## 142 0.225831963  
## 172 -0.312935454  
## 23 0.105744482  
## 53 0.036077740  
## 83 0.017658942  
## 113 0.027485254  
## 143 0.139336003  
## 173 -0.311531827  
## 24 0.043125407  
## 54 -0.001063012  
## 84 -0.035558300  
## 114 0.046567115  
## 144 0.055150881  
## 174 -0.197302297  
## 25 -0.063753166  
## 55 0.042691187  
## 85 0.005183333  
## 115 0.034640032  
## 145 0.019177076  
## 175 -0.201479438  
## 26 -0.010655001  
## 56 -0.001430556  
## 86 0.025671963  
## 116 -0.032503248  
## 146 0.032927335  
## 176 -0.138231471  
## 27 -0.019023096  
## 57 0.021802812  
## 87 -0.037003290  
## 117 0.132261638  
## 147 0.322535211  
## 177 0.036134377  
## 28 0.020764647  
## 58 -0.004474543  
## 88 -0.084116023  
## 118 0.112201222  
## 148 0.272631873  
## 178 0.099432945  
## 29 -0.057370031  
## 59 0.001355333  
## 89 0.030310378  
## 119 -0.079520420  
## 149 0.125170538  
## 179 -0.300314024  
## 30 0.037205909  
## 60 -0.007599885  
## 90 0.051553073  
## 120 0.015776642  
## 150 0.081133813  
## 180 -0.036201202  
## Angle(TimeBodyGyroscopeJerkMean,GravityMean) Angle(X,GravityMean)  
## 1 8.443716e-02 0.4267062  
## 31 -6.488162e-02 -0.5912475  
## 61 -2.792293e-02 -0.7434079  
## 91 -1.874319e-02 -0.7292472  
## 121 -3.997685e-02 -0.7444838  
## 151 6.568357e-02 -0.6471957  
## 2 -2.937101e-02 0.6174234  
## 32 -7.620420e-02 -0.7744361  
## 62 1.123246e-01 -0.6271801  
## 92 -8.584708e-02 -0.6619600  
## 122 -7.358030e-02 -0.6249856  
## 152 -8.103130e-02 -0.4776989  
## 3 3.172617e-02 0.4235059  
## 33 -2.523555e-02 -0.7598119  
## 63 -5.054407e-02 -0.7119038  
## 93 -3.668922e-02 -0.7228040  
## 123 -7.728399e-02 -0.7668235  
## 153 3.039925e-02 -0.6009714  
## 4 3.665673e-02 0.5534898  
## 34 -5.957472e-02 -0.7102762  
## 64 2.571924e-02 -0.8310444  
## 94 5.541597e-02 -0.8652843  
## 124 -6.256195e-02 -0.8524091  
## 154 5.351725e-02 -0.7754835  
## 5 -3.444203e-02 0.5987327  
## 35 -8.859339e-02 -0.7301017  
## 65 -8.287893e-02 -0.8627673  
## 95 -3.489371e-02 -0.9171140  
## 125 -1.404468e-03 -0.9471165  
## 155 1.124469e-01 -0.7543463  
## 6 -3.505668e-02 0.5933944  
## 36 -3.514760e-02 -0.7847724  
## 66 5.869383e-02 -0.7595003  
## 96 -8.188179e-02 -0.8062052  
## 126 -2.071293e-01 -0.8040771  
## 156 -9.936536e-02 -0.6790960  
## 7 4.862438e-02 0.6124880  
## 37 -3.275755e-02 -0.9306543  
## 67 -7.606348e-03 -0.8191236  
## 97 5.389501e-02 -0.7477656  
## 127 -1.002180e-01 -0.7780275  
## 157 -1.176973e-01 -0.5193124  
## 8 1.373168e-02 0.5425974  
## 38 -3.807699e-02 -0.6160804  
## 68 -3.193479e-02 -0.8408397  
## 98 4.500230e-02 -0.6849917  
## 128 -1.618715e-01 -0.7341802  
## 158 6.637753e-02 -0.6139352  
## 9 1.820447e-02 0.6688740  
## 39 -9.444296e-02 -0.8064138  
## 69 3.282011e-02 -0.8596076  
## 99 -2.657642e-02 -0.8445148  
## 129 -7.119499e-02 -0.8743249  
## 159 1.092978e-03 -0.7047939  
## 10 5.832243e-02 0.5772224  
## 40 -5.397526e-02 -0.5425188  
## 70 1.141958e-01 -0.8176481  
## 100 9.907794e-02 -0.8582757  
## 130 -7.019178e-02 -0.8779150  
## 160 1.536375e-01 -0.7922895  
## 11 5.299161e-02 0.3452778  
## 41 -2.541489e-02 -0.6634599  
## 71 1.267844e-02 -0.8019864  
## 101 1.286088e-02 -0.7704279  
## 131 -2.236721e-01 -0.7802459  
## 161 -7.085902e-02 -0.6454537  
## 12 1.184168e-02 0.5231784  
## 42 -1.667717e-02 -0.8263224  
## 72 -1.321284e-02 -0.7926849  
## 102 -9.726356e-02 -0.8602325  
## 132 -2.206403e-01 -0.8284741  
## 162 -8.999472e-02 -0.7406883  
## 13 -4.887868e-03 0.3612108  
## 43 -1.992194e-02 -0.7887768  
## 73 -3.094673e-02 -0.7416859  
## 103 3.357953e-02 -0.6708599  
## 133 -1.292057e-01 -0.7649658  
## 163 -3.358969e-02 -0.5601404  
## 14 2.303405e-02 0.3491160  
## 44 -5.958057e-02 -0.8044094  
## 74 -5.888869e-03 -0.6015810  
## 104 6.674021e-02 -0.4977834  
## 134 5.649801e-03 -0.5265503  
## 164 1.332370e-01 -0.3796744  
## 15 1.835807e-03 0.3728913  
## 45 -8.046475e-03 -0.7347558  
## 75 1.304307e-01 -0.8419199  
## 105 -1.286364e-01 -0.7781960  
## 135 -1.308354e-01 -0.8294119  
## 165 1.679302e-01 -0.6962827  
## 16 5.647847e-02 0.3982080  
## 46 -2.317771e-02 -0.7997193  
## 76 -3.845512e-03 -0.7886135  
## 106 8.785794e-02 -0.7347206  
## 136 -5.579494e-02 -0.7311514  
## 166 1.752229e-01 -0.5455766  
## 17 -5.302555e-02 0.3950766  
## 47 -5.715303e-02 -0.8144541  
## 77 7.045680e-02 -0.6622628  
## 107 1.013865e-02 -0.7270208  
## 137 7.399919e-03 -0.7545807  
## 167 1.056213e-01 -0.5725478  
## 18 2.900407e-02 0.4109021  
## 48 -4.849639e-02 -0.7407864  
## 78 -6.805885e-03 -0.7746819  
## 108 -6.322361e-02 -0.7143132  
## 138 -5.835284e-02 -0.7436057  
## 168 -1.201138e-01 -0.6340130  
## 19 -2.313738e-02 0.7377844  
## 49 4.411864e-02 -0.3045485  
## 79 3.636898e-02 -0.7620930  
## 109 -3.067806e-02 -0.7662810  
## 139 -4.652274e-02 -0.7418425  
## 169 -4.332931e-03 -0.5438305  
## 20 -6.411377e-02 0.5899631  
## 50 -2.881328e-02 -0.7642071  
## 80 2.498530e-02 -0.6970114  
## 110 -5.075348e-02 -0.6655196  
## 140 -8.696610e-02 -0.7258886  
## 170 9.358460e-02 -0.4724205  
## 21 -4.147749e-02 0.3770409  
## 51 5.030972e-02 -0.8091466  
## 81 7.717297e-02 -0.6112356  
## 111 -6.230465e-02 -0.5810709  
## 141 -6.503926e-02 -0.6099970  
## 171 1.652581e-01 -0.4674149  
## 22 5.109779e-02 0.5524572  
## 52 -8.743915e-03 -0.6064941  
## 82 -4.866482e-02 -0.7884516  
## 112 5.089266e-02 -0.7488091  
## 142 2.893125e-02 -0.7748815  
## 172 8.744841e-02 -0.6563884  
## 23 5.207004e-03 0.5332350  
## 53 -3.860596e-02 -0.7980668  
## 83 -7.033262e-02 -0.7537732  
## 113 -7.033514e-02 -0.7847980  
## 143 2.634683e-02 -0.8165924  
## 173 6.146620e-02 -0.5853604  
## 24 8.245363e-03 0.5103601  
## 54 -3.704403e-02 -0.7652098  
## 84 1.217193e-03 -0.8578652  
## 114 -1.375516e-01 -0.8303308  
## 144 -3.792164e-02 -0.8198388  
## 174 1.823848e-01 -0.6829188  
## 25 2.630128e-02 0.5860500  
## 55 -5.046201e-02 -0.7016920  
## 85 2.599846e-02 -0.7452563  
## 115 2.699112e-02 -0.7785106  
## 145 5.063730e-02 -0.7799008  
## 175 5.626987e-02 -0.7501224  
## 26 -7.914682e-05 0.6957435  
## 56 -5.064272e-02 -0.5648011  
## 86 1.157179e-02 -0.8531508  
## 116 -2.813173e-02 -0.8492167  
## 146 2.992500e-02 -0.8435735  
## 176 -2.351723e-02 -0.7750233  
## 27 -2.154349e-02 0.6319862  
## 57 -5.204814e-02 -0.6303092  
## 87 1.785109e-03 -0.8334226  
## 117 -1.157516e-01 -0.7808937  
## 147 -1.656754e-01 -0.7762719  
## 177 -3.221989e-02 -0.6244930  
## 28 5.152231e-02 0.6033925  
## 58 -1.535634e-02 -0.6893622  
## 88 6.907013e-02 -0.7671741  
## 118 1.092900e-02 -0.7567157  
## 148 -1.685324e-01 -0.7504815  
## 178 -3.696545e-02 -0.5827625  
## 29 3.420095e-03 0.5014213  
## 59 -5.357197e-02 -0.6710999  
## 89 1.856042e-02 -0.9235158  
## 119 1.678084e-02 -0.8617712  
## 149 -1.138828e-01 -0.8964440  
## 179 1.229226e-01 -0.7854853  
## 30 1.735548e-02 0.4998487  
## 60 -2.085554e-02 -0.5963054  
## 90 3.288418e-02 -0.8781591  
## 120 -7.201680e-02 -0.8613229  
## 150 -1.089736e-01 -0.8831362  
## 180 1.748886e-02 -0.7901143  
## Angle(Y,GravityMean) Angle(Z,GravityMean)  
## 1 -5.203438e-01 -0.3524131090  
## 31 -6.046603e-02 -0.2180172251  
## 61 2.701750e-01 0.0122528504  
## 91 2.769530e-01 0.0688589120  
## 121 2.672458e-01 0.0650047072  
## 151 3.347633e-01 0.0741663682  
## 2 -5.197326e-01 -0.4789282340  
## 32 1.558573e-01 -0.1182243986  
## 62 3.379379e-01 -0.0678959806  
## 92 3.214430e-01 -0.0368892833  
## 122 3.118003e-01 0.0537293986  
## 152 3.737490e-01 0.1651474580  
## 3 -6.300628e-01 -0.3462430705  
## 33 -6.324801e-03 -0.0783934905  
## 63 2.898241e-01 0.0045709838  
## 93 2.624919e-01 0.1174032801  
## 123 2.409272e-01 0.0932212612  
## 153 3.469850e-01 0.1342937013  
## 4 -7.632172e-01 -0.2297904329  
## 34 -7.099879e-02 -0.0563298907  
## 64 1.357787e-01 -0.0951347516  
## 94 1.425102e-01 -0.0675179864  
## 124 1.265382e-01 -0.0832015468  
## 154 2.433892e-01 -0.0368022039  
## 5 -8.252999e-01 -0.1681463267  
## 35 -3.844940e-02 -0.0806862755  
## 65 1.104464e-01 -0.0754509648  
## 95 1.524616e-01 0.0200338147  
## 125 1.258769e-01 0.0064810954  
## 155 2.666110e-01 0.0378686890  
## 6 -8.745677e-01 -0.1066244187  
## 36 3.605129e-02 -0.0278227699  
## 66 2.408546e-01 0.0121273276  
## 96 2.304436e-01 -0.0013036427  
## 126 2.327715e-01 0.0239615746  
## 156 3.185080e-01 0.0345334915  
## 7 -2.075186e-01 -0.8085537563  
## 37 7.973168e-02 -0.0238078588  
## 67 1.640113e-01 0.0579886624  
## 97 1.923393e-01 0.1353805251  
## 127 1.729895e-01 0.1316399086  
## 157 2.486992e-01 0.3120616033  
## 8 -4.006814e-01 -0.6018852115  
## 38 -8.669481e-02 -0.1695093040  
## 68 1.455655e-01 0.0905212998  
## 98 2.319189e-01 0.1538612023  
## 128 2.132620e-01 0.1230854502  
## 158 2.859228e-01 0.1606973904  
## 9 1.707891e-01 -0.8736493670  
## 39 1.131528e-01 -0.0419131160  
## 69 9.099856e-02 0.0154296719  
## 99 1.052815e-01 0.1038499475  
## 129 1.080892e-01 0.0810164383  
## 159 1.093756e-01 0.2123329321  
## 10 2.138349e-01 0.1059263769  
## 40 1.087993e-01 -0.1219368499  
## 70 1.125971e-01 -0.0025686409  
## 100 1.410823e-01 -0.0165720955  
## 130 1.283106e-01 -0.0081153079  
## 160 1.218409e-01 0.0057915515  
## 11 -8.131308e-01 -0.0593468644  
## 41 -6.863984e-02 -0.1120356008  
## 71 2.017629e-01 -0.0668709774  
## 101 2.286509e-01 -0.0716213476  
## 131 2.212638e-01 -0.0709612617  
## 161 3.214283e-01 -0.0805376937  
## 12 -6.500381e-01 -0.2132356413  
## 42 2.521923e-02 -0.0422271070  
## 72 2.329791e-01 0.0491145448  
## 102 1.903507e-01 0.0468428401  
## 132 2.067748e-01 0.0610767198  
## 162 2.611852e-01 0.0705748215  
## 13 -4.756247e-01 -0.4775265619  
## 43 1.198829e-02 -0.0324103521  
## 73 2.472411e-01 0.0582448749  
## 103 2.779569e-01 0.1137770569  
## 133 2.285750e-01 0.0880783818  
## 163 3.309458e-01 0.1690195284  
## 14 -2.770206e-01 -0.6887668100  
## 44 1.087084e-01 0.0892149622  
## 74 2.380635e-01 0.2603588917  
## 104 2.697406e-01 0.3250650947  
## 134 2.662388e-01 0.3037812333  
## 164 3.116071e-01 0.3904443685  
## 15 -7.194128e-01 0.0489176476  
## 45 -6.590285e-02 0.0196156260  
## 75 1.961111e-01 -0.0231407098  
## 105 2.435453e-01 -0.0307724957  
## 135 2.002507e-01 -0.0340215505  
## 165 3.006760e-01 -0.0346700269  
## 16 9.822091e-02 -0.7564979654  
## 46 1.429997e-01 -0.0411259984  
## 76 1.233024e-01 0.1386873150  
## 106 1.294184e-01 0.1743563184  
## 136 1.237232e-01 0.1809557064  
## 166 1.387731e-01 0.2934975447  
## 17 -4.262356e-01 -0.5550028769  
## 47 8.575828e-02 0.1178606784  
## 77 2.602175e-01 0.1642265206  
## 107 2.071865e-01 0.1550740082  
## 137 1.876821e-01 0.1357249227  
## 167 2.799925e-01 0.2332588738  
## 18 -5.123918e-01 -0.4634026769  
## 48 -7.468886e-03 -0.0928842059  
## 78 2.231418e-01 0.0557066927  
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## 58 1.606751e-01 -0.0763153268  
## 88 2.529969e-01 0.0484423399  
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## 148 2.463226e-01 0.1069810816  
## 178 3.147251e-01 0.2090008131  
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## 59 -2.339323e-02 -0.1817373842  
## 89 1.237929e-01 -0.0003276985  
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## 149 1.364599e-01 -0.0434252902  
## 179 2.414371e-01 -0.0095062842  
## 30 -4.922870e-01 -0.5070199383  
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## 90 1.522859e-01 0.0046998888  
## 120 1.916256e-01 0.0244499704  
## 150 1.709113e-01 0.0013912731  
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