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subject,activity,tBodyAcc-mean()-X,tBodyAcc-mean()-Y,tBodyAcc-mean()-Z,tBodyAcc-std()-X,tBodyAcc-std()-Y,tBodyAcc-std()-Z,tGravityAcc-mean()-X,tGravityAcc-mean()-Y,tGravityAcc-mean()-Z,tGravityAcc-std()-X,tGravityAcc-std()-Y,tGravityAcc-std()-Z,tBodyAccJerk-mean()-X,tBodyAccJerk-mean()-Y,tBodyAccJerk-mean()-Z,tBodyAccJerk-std()-X,tBodyAccJerk-std()-Y,tBodyAccJerk-std()-Z,tBodyGyro-mean()-X,tBodyGyro-mean()-Y,tBodyGyro-mean()-Z,tBodyGyro-std()-X,tBodyGyro-std()-Y,tBodyGyroJerk-mean()-X,tBodyGyroJerk-mean()-Y,tBodyGyroJerk-mean()-Z,tBodyGyroJerk-std()-X,tBodyGyroJerk-std()-Y,tBodyGyroJerk-std()-Z,tBodyAccMag-mean(),tBodyAccMag-std(),tGravityAccMag-mean(),tGravityAccMag-std(),tBodyAccJerkMag-mean(),tBodyAccJerkMag-std(),tBodyGyroMag-mean(),tBodyGyroMag-std(),tBodyGyroJerkMag-mean(),tBodyGyroJerkMag-std(),fBodyAcc-mean()-X,fBodyAcc-mean()-Y,fBodyAcc-mean()-Z,fBodyAcc-std()-X,fBodyAcc-std()-Y,fBodyAcc-std()-Z,fBodyAccJerk-mean()-X,fBodyAccJerk-mean()-Y,fBodyAccJerk-mean()-Z,fBodyAccJerk-std()-X,fBodyAccJerk-std()-Y,fBodyAccJerk-std()-Z,fBodyGyro-mean()-X,fBodyGyro-mean()-Y,fBodyGyro-mean()-Z,fBodyGyro-std()-X,fBodyGyro-std()-Y,fBodyGyro-std()-Z,fBodyAccMag-mean(),fBodyAccMag-std(),fBodyBodyAccJerkMag-mean(),fBodyBodyAccJerkMag-std(),fBodyBodyGyroMag-mean(),fBodyBodyGyroMag-std(),fBodyBodyGyroJerkMag-mean(),fBodyBodyGyroJerkMag-std()
1,STANDING,0.278917629056604,-0.0161375901037736,-0.110601817735849,-0.995759901509434,-0.973190056415094,-0.979775876981132,0.942952
1,SITTING,0.261237565425532,-0.00130828765170213,-0.104544182255319,-0.977229008297872,-0.922618641914893,-0.939586291606383,0.8315099
1,LAYING,0.22159824394,-0.0405139534294,-0.11320355358,-0.9280564692,-0.83682740562,-0.826061401628,-0.24888179828,0.70554977346,0.44
1,WALKING,0.277330758736842,-0.0173838185273684,-0.111148103547368,-0.283740258842105,0.114461336747368,-0.260027902210526,0.93522320
1,WALKING_DOWNSTAIRS,0.289188320408163,-0.0099185061020408,-0.07566190908163,0.0300353383483878,-0.0319359434489796,-0.2304342132040
1,WALKING_UPSTAIRS,0.255461689622642,-0.0239531492643396,-0.0973020020943396,-0.35470802509434,-0.00232026501698114,-0.01947923884716
3,STANDING,0.280046513278688,-0.0143376555065574,-0.101621722633148,-0.96674254295082,-0.893449307213115,-0.911419015081967,0.9350307
3,SITTING,0.257197599134615,-0.00350299841730769,-0.0983579203269231,-0.971010120961538,-0.856617812115385,-0.855110175384615,0.90109
3,LAYING,0.275516852741936,-0.0189556785048387,-0.101300477506452,-0.982776639193548,-0.962057544516129,-0.96369103483871,-0.24175847
3,WALKING,0.275567462068966,-0.0171767844203448,-0.112674859827586,-0.360356726034483,-0.0699140652103448,-0.387411994310345,0.936506
3,WALKING_DOWNSTAIRS,0.292423484693878,-0.0193554079328571,-0.116139842908163,-0.0574100475102041,-0.0331503723387755,-0.362240245489
3,WALKING_UPSTAIRS,0.260819873067797,-0.0324109410555932,-0.110064863437288,-0.311234347627119,0.0116280813372881,-0.369754604067797
5,STANDING,0.282544390892857,-0.00700418554517857,-0.102171095696429,-0.968591815714285,-0.869439913392857,-0.869327321785715,0.96018
5,SITTING,0.273694139545455,-0.00990083527045455,-0.108540300265909,-0.980945022045455,-0.904335121022727,-0.926094740227273,0.880731
5,LAYING,0.278334325576923,-0.018304213269231,-0.107937603673077,-0.965935409615385,-0.969295613269231,-0.968562516364154,-0.4834705
5,WALKING,0.27784234625,-0.0172850317482679,-0.107741776464286,-0.294098534232143,0.0767484028053572,-0.45702143625,-0.972624959821428
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5,WALKING_DOWNSTAIRS,0.29354392712766,-0.00850107533191489,-0.100319930659574,-0.275046110468085,0.0907630761042553,-0.325891435319149
5,WALKING_UPSTAIRS,0.268459469914894,-0.0325269755153192,-0.107471453914894,-0.0457237779851064,0.185022459476596,-0.308938978787234
6,STANDING,0.280346248596491,-0.0181236327175439,-0.112172831974368,-0.981758159649123,-0.921493191754386,-0.92569237192825,0.945139
6,SITTING,0.276778487454545,-0.0145911615290909,-0.11021728790909,-0.98016493366364,-0.923682131090909,-0.925797097090909,0.9336929
06,0.00623727782090909,-0.969929476363637,-0.945143686181818,-0.958572952545455,-0.0372442282830909,-0.0899083302550909,0.08543460061
6,LAYING,0.248656520140351,-0.0102529170561404,-0.133119570368421,-0.9340428052632,-0.92464482638965,-0.925216100350877,-0.4767098
6,WALKING,0.283658686070175,-0.0168954189082456,-0.110303165877193,-0.29653271368421,0.164213884996491,-0.504324207192982,0.95806745
6,WALKING_DOWNSTAIRS,0.277045258145833,-0.019536840063125,-0.107209356208333,0.383681639791667,0.360164958768542,-0.320204232520417,0.
6,WALKING_UPSTAIRS,0.268229355098039,-0.0272425385070588,-0.122082438784314,-0.0501350188513726,0.189276117327451,-0.353519514896078
7,STANDING,0.282723539433962,-0.0145740341037736,-0.0997778303207547,-0.97307570377358,-0.923400921886792,-0.917064168490566,0.95872
7,SITTING,0.284674637291667,-0.01461097580375,-0.122464597625,-0.972668374583333,-0.909454698541667,-0.8565329414375,0.969147824375,0.
7,LAYING,0.250176694038462,-0.0204411516884615,-0.101361036576923,-0.93651361,-0.926266266853846,-0.95297836561538,-0.50281425057692
7,WALKING,0.275592961754386,-0.018653665345614,-0.110912234947368,-0.327243240701755,-0.0772618561052632,0.159631283261403,0.93256647
7,WALKING_DOWNSTAIRS,0.28030708,-0.016632732978723,-0.0969383085872341,0.0660815600978723,-0.138179072734043,-0.0636402447755319,0.9
7,WALKING_UPSTAIRS,0.2487706923078431,-0.0275639005607843,-0.14376868803922,-0.29487297445098,-0.326106022545902,-0.1456650275639216,0.
05,-0.415153115882353,-0.51989795686274,-0.60780843627451,-0.138778108029412,-0.00247161973,0.13921701509804,-0.363853236862745,-0.
8,STANDING,0.279620986111111,-0.0148113067148148,-0.106114996837037,-0.988815418148148,-0.938479429074074,-0.926065255185185,0.957669
8,SITTING,0.267491472934783,-0.00672550621304348,-0.104461049130435,-0.979026152391305,-0.927331997021739,-0.939553030217391,0.832453
8,LAYING,0.261254828907407,-0.0212281733881481,-0.102245365611111,-0.943041215237037,-0.93489116,-0.932491454407407,-0.40593003611111
8,WALKING,0.27468631,-0.0186628865310417,-0.107252090833333,-0.173605736002083,0.380782052708333,-0.1420885318125,0.9135867917916667,-
8,WALKING_DOWNSTAIRS,0.283484089210526,-0.0211058674973684,-0.107598135394737,0.0241393473736842,0.343826273105263,0.1337170395,0.914
8,WALKING_UPSTAIRS,0.258880152048781,-0.0282415136341463,-0.11512211995122,-0.171712174634146,0.348768733170732,0.1211872790244,0.8
11,STANDING,0.277715562765958,-0.0171990886595745,-0.10686630425532,-0.994978877232404,-0.964173337102128,-0.986382712765977,0.95646
11,SITTING,0.27659297358491,-0.0149195616754717,-0.112840218339623,-0.982796562075472,-0.921402118113208,-0.968370181886792,0.871963
11,LAYING,0.280592970877193,-0.0176598052315789,-0.108786578070175,-0.98477733,-0.972196873859649,-0.971311176842105,-0.1348320314035
11,WALKING,0.271821892881356,-0.0166475833623729,-0.106096304033898,-0.422842071864407,-0.0522120754040678,-0.530626311355932,0.94646
11,WALKING_DOWNSTAIRS,0.291605831956522,-0.0178097721219565,-0.111070149978261,0.142456557034783,0.0708122725543478,-0.324026938043478,0.
11,WALKING_UPSTAIRS,0.26377585927778,-0.0303157822055556,-0.106797216481481,-0.238802959018518,-0.103167501868519,-0.203369399185185
14,STANDING,0.280545613833333,-0.01520781344,-0.103817701790667,-0.973268905,-0.928525725333333,-0.9222763115,0.875319569,-0.22669223
14,SITTING,0.27990577037037,-0.0087056546388888,-0.100401490425926,-0.976302248414848,-0.914935703907407,-0.922774835740741,0.93903
14,LAYING,0.233275439803927,-0.0113424652490196,-0.086831330509804,-0.917501287333333,-0.909697040980392,-0.900331921686274,-0.14548
14,WALKING,0.271959598644068,-0.0217785380966102,-0.106765369135593,-0.402639098135593,-0.0536126686650847,0.0518841040022034,0.80297
14,WALKING_DOWNSTAIRS,0.293422115555555,-0.0200141413657778,-0.092833016553333,0.0178313402266667,0.378870491755556,0.4515760751111
14,WALKING_UPSTAIRS,0.26242106612963,-0.0204388180024074,-0.112276988983333,-0.309396717592593,0.307195533,0.609017879074074,0.688256
15,STANDING,0.278915809362264,-0.0183516360396226,-0.105910832679245,-0.988494247358491,-0.931900148301887,-0.951670257924528,0.96552
15,SITTING,0.27290337979661,-0.0117188472271186,-0.11366125320339,-0.987084356101695,-0.922407162881356,-0.949338025084746,0.89036426
15,LAYING,0.2894756525,-0.0166296542054167,-0.118530240291667,-0.97255551527777,-0.962759422361111,-0.92958683527778,-0.1719930545,
15,WALKING,0.273899207962963,-0.0170809740090741,-0.107621819518519,-0.327961801111111,0.138912923691296,-0.518932634814815,0.9515243
15,WALKING_DOWNSTAIRS,0.280198851190476,-0.00563047804309524,-0.110526066428571,0.406471051190476,0.186532377428571,-0.28198218166666
15,WALKING_UPSTAIRS,0.2701877595833333,-0.0287523860708333,-0.116952464895833,-0.0260971840270833,-0.0040636043541667,-0.379717488104
16,STANDING,0.283497402948718,-0.0165999672935897,-0.103657729076923,-0.98076811794872,-0.96029826740308,-0.953468961666667,0.94158
16,SITTING,0.280768574492754,-0.0102497939956522,-0.0891404038405797,-0.988625605362319,-0.951607872463768,-0.939672247101449,0.94245
16,LAYING,0.274227162571429,-0.0166103510562857,-0.1073140932428572,-0.973691429428571,-0.943061150285714,-0.965490726825715,-0.206783
16,WALKING,0.276023564509804,-0.0204286929452941,-0.108804049803922,-0.404692523921569,-0.314569762352941,-0.1597997029235294,0.925981
16,WALKING_DOWNSTAIRS,0.295586802191489,-0.0183898583787234,-0.119873705148936,0.207251997929787,-0.146993837655319,0.011435394478723
16,WALKING_UPSTAIRS,0.255986102627451,-0.0143654945011765,-0.124074517745098,-0.397083815568627,-0.163732745078431,-0.129283825712569
17,STANDING,0.277942503333333,-0.0741210064169231,-0.111432145565,-0.991163919871795,-0.968176663717949,-0.970462679230769,0.90467854
17,SITTING,0.2773570196875,-0.014156274084375,-0.11362408509375,-0.9944439053125,-0.96185862984375,-0.96572919578125,0.94488374765625
17,LAYING,0.26978008577465,-0.0168462006729577,-0.107006279704225,-0.97960567323944,-0.944792875121627,-0.953476700140845,-0.199133
17,WALKING,0.272341855245902,-0.0184875403339344,-0.109792122032787,-0.31950017295082,-0.0175797885542623,-0.265824489180328,0.928112
17,WALKING_DOWNSTAIRS,0.29391828326087,-0.0167359404347826,-0.0892432745173913,0.187719760269565,-0.0607892037384783,-0.2310641566152
17,WALKING_UPSTAIRS,0.252604768583333,-0.0228645614308333,-0.121290424104167,-0.0629527541400625,-0.0131721014395934,-0.23022095423958
19,STANDING,0.27817226,-0.0154244056945206,-0.10904190460274,-0.989910996849315,-0.944430270684931,-0.952599653972603,0.9440458375342
19,SITTING,0.273830316164384,-0.016739260030137,-0.10870765430137,-0.976357663013698,-0.950388943972603,-0.951929615068493,0.58137150
19,LAYING,0.272653733493976,-0.0171426864421687,-0.10898146186747,-0.965019579518072,-0.973449968554216,-0.984672837228915,-0.6800431
19,WALKING,0.273931172307692,-0.01917173587903846,-0.102736673192308,-0.0489049407963462,0.18180156118577,-0.13947794235,0.9352225592
19,WALKING_DOWNSTAIRS,0.262688053871795,-0.0145942275069487,-0.113695240660974,0.62691707051282,0.18416454561026,0.049322451025641,0.
19,WALKING_UPSTAIRS,0.242118808925,-0.0303986615775,-0.151054607725,-0.1287420952375,-0.176349922525,-0.1904685504575,0.8294283725,-0.
21,STANDING,0.27695224258427,-0.0167084730205618,-0.110417855809899,-0.981419961123596,-0.9436012652393259,-0.94612307078652,0.881213
21,SITTING,0.27753961682353,-0.0144009705494118,-0.112057887741176,-0.99177728176471,-0.966877650941176,-0.959567861764706,0.9400313
21,LAYING,0.271325472455556,-0.0184233048415556,-0.103253832233333,-0.955019866222222,-0.956959422222222,-0.945653787777778,-0.174349
21,WALKING,0.279183526730769,-0.0181610317526923,-0.104319322403846,-0.297814843538462,0.0540880509209615,-0.16868872575,0.8625248009
21,WALKING_DOWNSTAIRS,0.3014610196,-0.0173195390157778,-0.09816866218,-0.22343492244444,-0.301336399711111,-0.0717893558666667,0.87268
21,WALKING_UPSTAIRS,0.265194544680851,-0.0237218695148936,-0.125414265340426,-0.240808282276596,0.109787469104255,-0.219707928574406,0.
22,STANDING,0.279053861587301,-0.0158563207496825,-0.104967423820635,-0.98500527142857,-0.922693288412698,-0.942201655238095,0.95406
22,SITTING,0.273583822709678,-0.0123468446419355,-0.105827369516129,-0.978466823709678,-0.928059133795646,-0.917564853870968,0.839305
22,LAYING,0.279959721194444,-0.0142629864502778,-0.110800924652778,-0.947735251944444,-0.913276301666667,-0.942945807916667,-0.418494
22,WALKING,0.2786459,-0.0167213607957174,-0.107112510934783,-0.00865921919565217,0.100384246321739,-0.213351968804348,0.936096410434
22,WALKING_DOWNSTAIRS,0.284458963861111,-0.0197999371686389,-0.1074157796,0.348681683333333,0.239812250944444,-0.325722718055556,0.92
22,WALKING_UPSTAIRS,0.248391534566667,-0.0268622561133333,-0.117550861738095,0.0835738640921429,0.250067523738095,-0.109613216345238,0.
23,STANDING,0.27789323235294,-0.017745547867647,-0.1105970177575,-0.985421519558823,-0.9584444925,-0.929409745147059,0.919857125882
23,SITTING,0.273351251617647,-0.0133945015676471,-0.1038068679294118,-0.98760736617647,-0.934933559264706,-0.90584390323529,0.936095
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23,WALKING_DOWNSTAIRS,0.289897411148148,-0.0162111457238889,-0.0988123712574074,0.0441392843425926,0.10825903416963,0.229898742944444,
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23, WALKING_UPSTAIRS, 0.249995171031373, -0.0323844029237255, -0.126890616782353, -0.24388718513726, 0.0448435785868627, 0.10080118935098, 0.25, STANDING, 0.278013701621622, -0.0163569730274324, -0.107352957594595, -0.991970126756757, -0.954569225945946, -0.964642688108109, 0.92979, 25, SITTING, 0.278541482461538, -0.0147696808030769, -0.109160440476923, -0.991892828615385, -0.947457617061539, -0.965139552153847, 0.865686, 25, LAYING, 0.250791828613699, -0.0188943663671233, -0.100428830260274, -0.909116474109589, -0.691770680561644, -0.717262004013699, -0.461102, 25, WALKING, 0.278992759054054, -0.0186477624716216, -0.108737636297297, -0.596007443513514, -0.161852411581081, -0.437133403243243, 0.937483, 25, WALKING_DOWNSTAIRS, 0.291329666206897, -0.0210170522987931, -0.107192376965517, -0.253756934258621, -0.14054060387069, -0.45797238189655, 25, WALKING_UPSTAIRS, 0.277995411384615, -0.0269863524264615, -0.126210440292308, -0.459775646153846, -0.223086808769231, -0.296523975076923, 26, 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