

	tBodyAcc.mean...X	tBodyAcc.mean...Y	tBodyAcc.mean...Z	tBodyAcc.std...X
WALKING.1	0.277330759	-0.017383819	-0.111148104	-0.283740259
WALKING UPSTAIRS.1	0.25546169	-0.023953149	-0.097302002	-0.354708025
WALKING DOWNSTAIRS.1	0.28918832	-0.009918505	-0.107566191	0.030035338
SITTING.1	0.261237565	-0.001308288	-0.104544182	-0.977229008
STANDING.1	0.278917629	-0.01613759	-0.110601818	-0.995759902
LAYING.1	0.221598244	-0.040513953	-0.113203554	-0.928056469
WALKING.2	0.276426586	-0.01859492	-0.105500358	-0.423642838
WALKING UPSTAIRS.2	0.24716479	-0.021412113	-0.1525139	-0.304376406
WALKING DOWNSTAIRS.2	0.277615348	-0.022661416	-0.116812942	0.046366681
SITTING.2	0.277087352	-0.015687994	-0.109218272	-0.98682228
STANDING.2	0.277911472	-0.018420827	-0.105908536	-0.987271889
LAYING.2	0.281373404	-0.01815874	-0.10724561	-0.974059465
WALKING.3	0.275567462	-0.017176784	-0.11267486	-0.360356726
WALKING UPSTAIRS.3	0.260819873	-0.032410941	-0.110064863	-0.313123438
WALKING DOWNSTAIRS.3	0.292423485	-0.019355408	-0.116139843	-0.057410048
SITTING.3	0.257197599	-0.003502998	-0.09835792	-0.971010121
STANDING.3	0.280046513	-0.014337656	-0.101621723	-0.966742543
LAYING.3	0.275516853	-0.018955679	-0.101300478	-0.982776639
WALKING.4	0.278582015	-0.014839948	-0.111403065	-0.440829971
WALKING UPSTAIRS.4	0.270876697	-0.03198043	-0.114219456	-0.204933043
WALKING DOWNSTAIRS.4	0.27996533	-0.009802009	-0.106777525	0.01119355
SITTING.4	0.27153828	-0.007163065	-0.105874596	-0.980309931
STANDING.4	0.280499746	-0.009489111	-0.096157491	-0.97692058
LAYING.4	0.263559215	-0.015003184	-0.11068815	-0.954193739
WALKING.5	0.277842346	-0.017285032	-0.107741776	-0.294098534
WALKING UPSTAIRS.5	0.26845947	-0.032526976	-0.107471454	-0.045723778
WALKING DOWNSTAIRS.5	0.293543927	-0.008501075	-0.100319931	0.27504611
SITTING.5	0.27369414	-0.009900835	-0.1085403	-0.980945022
STANDING.5	0.282544391	-0.007004186	-0.102171096	-0.968591816
LAYING.5	0.278334326	-0.018304212	-0.107937604	-0.96593451
WALKING.6	0.283658868	-0.016895419	-0.110303166	-0.296538717
WALKING UPSTAIRS.6	0.268229355	-0.027242539	-0.122082439	-0.050135019
WALKING DOWNSTAIRS.6	0.277045258	-0.01953684	-0.107209356	0.38368164
SITTING.6	0.276778487	-0.014591162	-0.110127729	-0.980164934
STANDING.6	0.280346249	-0.018123633	-0.112172832	-0.98175816
LAYING.6	0.24865652	-0.010252917	-0.13311957	-0.934049422
WALKING.7	0.275592962	-0.018653665	-0.110912235	-0.327243241
WALKING UPSTAIRS.7	0.248706923	-0.027563901	-0.143769689	-0.294872974
WALKING DOWNSTAIRS.7	0.28030708	-0.016633237	-0.096938309	0.06608156
SITTING.7	0.284674637	-0.014610976	-0.122464598	-0.972668375
STANDING.7	0.282723539	-0.014574034	-0.09977783	-0.97930757
LAYING.7	0.250176694	-0.020441152	-0.101361037	-0.93651361
WALKING.8	0.27468631	-0.018662887	-0.107252091	-0.173605736
WALKING UPSTAIRS.8	0.258880152	-0.028241514	-0.11512212	-0.171712175
WALKING DOWNSTAIRS.8	0.283484089	-0.021105867	-0.107598135	0.024139347
SITTING.8	0.267491473	-0.006725506	-0.104461049	-0.979026152
STANDING.8	0.279620986	-0.014811307	-0.106114997	-0.988815418
LAYING.8	0.261254283	-0.021228173	-0.102245366	-0.943041215
WALKING.9	0.278502842	-0.018089197	-0.110820512	-0.238353563
WALKING UPSTAIRS.9	0.262436476	-0.01951011	-0.125219004	-0.361444378
WALKING DOWNSTAIRS.9	0.295923445	-0.020399427	-0.091027879	0.213392271
SITTING.9	0.248326744	-0.027016777	-0.075378469	-0.957227791
STANDING.9	0.282310057	-0.020045495	-0.095274748	-0.975741252
LAYING.9	0.259195537	-0.020526822	-0.107549721	-0.94233309

WALKING.10	0.278574077	-0.017022351	-0.109057512	-0.178709734
WALKING UPSTAIRS.10	0.267121853	-0.014385492	-0.118180421	-0.161591924
WALKING DOWNSTAIRS.10	0.290401594	-0.020005077	-0.110848597	0.295733548
SITTING.10	0.270612056	-0.015042682	-0.104253239	-0.982901826
STANDING.10	0.276650301	-0.01554186	-0.107964084	-0.978403482
LAYING.10	0.280230574	-0.024294484	-0.117168642	-0.968283685
WALKING.11	0.271821893	-0.016647583	-0.106096304	-0.422842072
WALKING UPSTAIRS.11	0.263775859	-0.030315782	-0.106797216	-0.238802959
WALKING DOWNSTAIRS.11	0.291605632	-0.017809772	-0.11107015	0.142456557
SITTING.11	0.276590197	-0.014919562	-0.112840218	-0.982796562
STANDING.11	0.277715563	-0.017199089	-0.10868663	-0.994978879
LAYING.11	0.280592971	-0.017659805	-0.108786578	-0.98477733
WALKING.12	0.277128666	-0.015560928	-0.103161106	-0.128898533
WALKING UPSTAIRS.12	0.272970339	-0.02635749	-0.10733973	-0.290149192
WALKING DOWNSTAIRS.12	0.281521097	-0.018084267	-0.109555932	0.042408492
SITTING.12	0.275007225	-0.015789299	-0.106307229	-0.982568782
STANDING.12	0.277405835	-0.016900254	-0.105527	-0.981243992
LAYING.12	0.260113433	-0.017520392	-0.108160126	-0.95531868
WALKING.13	0.27588313	-0.018566065	-0.111431456	-0.346980394
WALKING UPSTAIRS.13	0.25820394	-0.027739225	-0.125767266	-0.296284597
WALKING DOWNSTAIRS.13	0.294907553	-0.014372384	-0.101993942	-0.068156363
SITTING.13	0.2743285	-0.005877329	-0.097246511	-0.989546275
STANDING.13	0.277758431	-0.016789199	-0.112124138	-0.991020759
LAYING.13	0.27671636	-0.020440454	-0.104331865	-0.968891989
WALKING.14	0.271959599	-0.021778538	-0.106756369	-0.402639098
WALKING UPSTAIRS.14	0.262421066	-0.020438818	-0.112279689	-0.309396718
WALKING DOWNSTAIRS.14	0.293422116	-0.020014141	-0.092833017	0.01783134
SITTING.14	0.279990577	-0.008705655	-0.10040149	-0.976302248
STANDING.14	0.280545614	-0.015207813	-0.103817702	-0.973268905
LAYING.14	0.23327544	-0.011342465	-0.086833332	-0.917501887
WALKING.15	0.273899208	-0.017080974	-0.10762182	-0.327961801
WALKING UPSTAIRS.15	0.270187596	-0.028752386	-0.116952465	-0.026097184
WALKING DOWNSTAIRS.15	0.280198851	-0.005630478	-0.110526066	0.406471051
SITTING.15	0.27290338	-0.011718847	-0.113661253	-0.987084356
STANDING.15	0.278915804	-0.018351636	-0.105910833	-0.988949247
LAYING.15	0.289475653	-0.016629654	-0.11853024	-0.972255552
WALKING.16	0.276023565	-0.020428693	-0.10880405	-0.404692524
WALKING UPSTAIRS.16	0.255986103	-0.014365495	-0.124074518	-0.397083832
WALKING DOWNSTAIRS.16	0.295586802	-0.018389858	-0.119873705	0.207251998
SITTING.16	0.280768574	-0.010249794	-0.089140404	-0.986825605
STANDING.16	0.283497403	-0.016599967	-0.103657729	-0.989076812
LAYING.16	0.274227163	-0.016610351	-0.107310493	-0.973691429
WALKING.17	0.272341855	-0.01848754	-0.109792122	-0.319500173
WALKING UPSTAIRS.17	0.252604769	-0.022864561	-0.121290442	-0.062952754
WALKING DOWNSTAIRS.17	0.293918283	-0.01673594	-0.089243275	0.18771976
SITTING.17	0.27735702	-0.014156274	-0.113624085	-0.994443905
STANDING.17	0.277942503	-0.017412006	-0.111432146	-0.99116392
LAYING.17	0.269780086	-0.016846201	-0.10700628	-0.972960567
WALKING.18	0.273887759	-0.017802363	-0.104218315	-0.376005521
WALKING UPSTAIRS.18	0.265401202	-0.022206068	-0.112655891	-0.380168287
WALKING DOWNSTAIRS.18	0.288439469	-0.016866692	-0.103390809	-0.302634565
SITTING.18	0.277270019	-0.012869128	-0.111904776	-0.994347989
STANDING.18	0.278458806	-0.016635352	-0.108453356	-0.992019763
LAYING.18	0.274691577	-0.017393768	-0.107698928	-0.984527649
WALKING.19	0.273931172	-0.019177359	-0.122736673	-0.048904941

WALKING UPSTAIRS.19	0.242118809	-0.030398662	-0.151054608	-0.128742095
WALKING DOWNSTAIRS.19	0.262688054	-0.014594228	-0.133695241	0.626917071
SITTING.19	0.273830316	-0.01673926	-0.108707654	-0.976357663
STANDING.19	0.27817226	-0.015424406	-0.109041905	-0.989910997
LAYING.19	0.272653733	-0.017142686	-0.108981462	-0.96501958
WALKING.20	0.272589336	-0.021199992	-0.113539477	-0.208342792
WALKING UPSTAIRS.20	0.252098317	-0.028225805	-0.121023948	-0.116088676
WALKING DOWNSTAIRS.20	0.296144421	-0.009641208	-0.104602926	0.074509879
SITTING.20	0.278045439	-0.014722931	-0.108369635	-0.983081859
STANDING.20	0.278076905	-0.018069505	-0.10040276	-0.967209961
LAYING.20	0.239507882	-0.014440628	-0.104274323	-0.962249115
WALKING.21	0.279183527	-0.018161032	-0.104319332	-0.297814844
WALKING UPSTAIRS.21	0.265194545	-0.02372187	-0.125414265	-0.240808282
WALKING DOWNSTAIRS.21	0.30146102	-0.017319539	-0.098168662	0.224343492
SITTING.21	0.277539617	-0.014400971	-0.112057888	-0.991777287
STANDING.21	0.276952243	-0.016708473	-0.110417856	-0.981419961
LAYING.21	0.271325472	-0.018423305	-0.103253832	-0.955019866
WALKING.22	0.27886459	-0.016721361	-0.107112511	-0.008659219
WALKING UPSTAIRS.22	0.248391535	-0.026862256	-0.117550862	0.083573864
WALKING DOWNSTAIRS.22	0.284458964	-0.019799937	-0.10741578	0.348618168
SITTING.22	0.273583823	-0.012346845	-0.10582737	-0.978466824
STANDING.22	0.279053862	-0.015856321	-0.104967424	-0.985000527
LAYING.22	0.279959721	-0.014262986	-0.110800925	-0.947735252
WALKING.23	0.273211884	-0.018361871	-0.113382994	-0.313521773
WALKING UPSTAIRS.23	0.249995171	-0.032384403	-0.126890617	-0.243887819
WALKING DOWNSTAIRS.23	0.289897411	-0.016211146	-0.098812371	0.044139284
SITTING.23	0.273351252	-0.013394502	-0.103808679	-0.987607637
STANDING.23	0.277899323	-0.017747555	-0.110597018	-0.98542152
LAYING.23	0.274038008	-0.021655384	-0.104256776	-0.956756363
WALKING.24	0.276980816	-0.02254464	-0.110595953	-0.470762366
WALKING UPSTAIRS.24	0.269881107	-0.025197943	-0.114248611	-0.344399351
WALKING DOWNSTAIRS.24	0.288631209	-0.014573035	-0.10481882	-0.082732481
SITTING.24	0.27347569	-0.01312551	-0.103041061	-0.990593767
STANDING.24	0.280348884	-0.014478534	-0.108222554	-0.987255871
LAYING.24	0.272850495	-0.017355521	-0.107236237	-0.967984021
WALKING.25	0.278992759	-0.018647762	-0.108737636	-0.596007444
WALKING UPSTAIRS.25	0.277995411	-0.026986352	-0.12621044	-0.459775646
WALKING DOWNSTAIRS.25	0.291329666	-0.021017052	-0.107192377	-0.253756934
SITTING.25	0.278541482	-0.014769681	-0.10916044	-0.991892829
STANDING.25	0.278013702	-0.016356973	-0.107352958	-0.991970127
LAYING.25	0.250791829	-0.018894366	-0.10042883	-0.909116474
WALKING.26	0.279264444	-0.015425959	-0.108927011	-0.340185528
WALKING UPSTAIRS.26	0.272691395	-0.02816338	-0.121943461	-0.169006952
WALKING DOWNSTAIRS.26	0.279284583	-0.01262581	-0.106439619	0.17395385
SITTING.26	0.25824353	-0.007133645	-0.097444869	-0.979768988
STANDING.26	0.281127035	-0.016660831	-0.110237796	-0.993069369
LAYING.26	0.271645865	-0.019189573	-0.10500254	-0.969445445
WALKING.27	0.276849485	-0.016647878	-0.112822289	-0.348475561
WALKING UPSTAIRS.27	0.265770254	-0.020095332	-0.123530438	-0.295439547
WALKING DOWNSTAIRS.27	0.297544188	-0.013556447	-0.112837695	0.167407531
SITTING.27	0.273941303	-0.01552698	-0.105521913	-0.988580108
STANDING.27	0.279566922	-0.016593236	-0.107835818	-0.991951584
LAYING.27	0.274102492	-0.017986761	-0.107699733	-0.978455153
WALKING.28	0.281228224	-0.015675972	-0.103714705	-0.293003522
WALKING UPSTAIRS.28	0.262005842	-0.027944394	-0.121514026	-0.24206243

WALKING DOWNSTAIRS.28	0.293642077	-0.022023047	-0.108588974	0.125712888
SITTING.28	0.276977629	-0.018540444	-0.11151794	-0.983272807
STANDING.28	0.277795069	-0.017263512	-0.106579385	-0.977748639
LAYING.28	0.275913483	-0.016753786	-0.108344853	-0.968888296
WALKING.29	0.271999917	-0.01629156	-0.106632427	-0.17433794
WALKING UPSTAIRS.29	0.265423067	-0.029946531	-0.118000588	-0.086771557
WALKING DOWNSTAIRS.29	0.293140441	-0.014941215	-0.098133998	0.167383602
SITTING.29	0.277179978	-0.01663068	-0.110411819	-0.99074502
STANDING.29	0.277965066	-0.017260587	-0.108659067	-0.996068635
LAYING.29	0.287295197	-0.017196548	-0.109462068	-0.984219556
WALKING.30	0.276406758	-0.017588039	-0.098624707	-0.346394275
WALKING UPSTAIRS.30	0.271415642	-0.02533117	-0.124697494	-0.350504475
WALKING DOWNSTAIRS.30	0.283190647	-0.01743839	-0.099978142	-0.057770316
SITTING.30	0.268336081	-0.008047313	-0.099515446	-0.983622744
STANDING.30	0.277112699	-0.017016389	-0.10875621	-0.977559427
LAYING.30	0.281033901	-0.01944941	-0.103658151	-0.976362515

tBodyAcc.std...Y	tBodyAcc.std...Z	tGravityAcc.mean...X	tGravityAcc.mean...Y	tGravityAcc.mean...Z
0.114461337	-0.260027902	0.935223201	-0.282165021	-0.068102864
-0.002320265	-0.019479239	0.893351098	-0.362153364	-0.07540294
-0.031935943	-0.230434213	0.931874419	-0.266610339	-0.062119959
-0.922618642	-0.939586291	0.831509933	0.204411593	0.332043703
-0.973190056	-0.979775877	0.942952	-0.272983832	0.013490582
-0.836827406	-0.826061402	-0.248881798	0.705549773	0.44581772
-0.078091253	-0.425257525	0.913017333	-0.34660709	0.084727087
0.10802728	-0.112121021	0.790717419	-0.41621489	-0.195888239
0.262881789	-0.102837908	0.861831346	-0.325780101	-0.043889016
-0.950704499	-0.959828172	0.940477273	-0.105630024	0.198726769
-0.957304989	-0.949741851	0.896928567	-0.370062697	0.129747161
-0.980277399	-0.984233297	-0.509754238	0.752536639	0.64683488
-0.069914065	-0.387411994	0.936506743	-0.261986358	-0.138107866
0.011628081	-0.369754604	0.883533436	-0.382851154	-0.162943955
-0.033150372	-0.362240245	0.939057788	-0.228829214	-0.102352758
-0.856617812	-0.875110175	0.901098985	0.127303379	0.139020582
-0.893449307	-0.911419015	0.935030779	-0.30173513	0.024763107
-0.962057545	-0.963691035	-0.241758478	0.8370321	0.488703185
-0.078826737	-0.586252807	0.963999697	-0.085854027	0.127764113
-0.066689911	-0.372137778	0.946264314	-0.232944305	0.084167538
-0.218598325	-0.479185977	0.947731859	-0.062085277	0.148714809
-0.890223981	-0.932203007	0.869303006	0.21162254	0.110120481
-0.861597379	-0.896880538	0.956197791	-0.075900906	0.166893826
-0.941714042	-0.962667315	-0.420664662	0.915165104	0.341531311
0.076748403	-0.457021436	0.97262496	-0.100440285	0.002476236
0.185022459	-0.308938979	0.936821835	-0.265942569	-0.023203536
0.090763076	-0.325891435	0.956649353	-0.060757832	0.021677791
-0.904335121	-0.92609474	0.880731444	0.168445524	0.143006858
-0.869439913	-0.869327322	0.960188699	-0.038710127	0.138638437
-0.969295613	-0.968562516	-0.483470598	0.954890346	0.263644692
0.164213885	-0.504324207	0.958067455	-0.214694852	0.033188883
0.189276117	-0.353519515	0.913632242	-0.340732609	-0.018460896
0.360164959	-0.320204233	0.928531455	-0.214046334	-0.003079817
-0.923682131	-0.925797097	0.933692935	0.068262866	0.069521966
-0.921493192	-0.925692372	0.945139004	-0.230251036	0.013919347
-0.924644826	-0.9252161	-0.476709879	0.956593814	0.175867709
-0.077261856	0.159631283	0.932566472	-0.159097004	-0.160846924
-0.326160023	-0.145665026	0.81874656	-0.240950944	-0.40359971
-0.138179073	-0.063640245	0.930623633	-0.129871673	-0.154935539
-0.909454699	-0.856532941	0.969147824	0.006088466	0.064963625
-0.923400922	-0.917064168	0.958728688	-0.117607049	-0.051657372
-0.926262669	-0.952978366	-0.502814251	0.393444278	0.907537823
0.380782053	-0.142088532	0.913586348	-0.217102195	-0.186267837
0.348768733	0.121187279	0.860368719	-0.291341492	-0.192306961
0.343826273	0.13371704	0.914023498	-0.187610243	-0.141817935
-0.927331997	-0.93955303	0.832453878	0.240095117	0.263895186
-0.938479429	-0.926065255	0.957669921	-0.090460349	-0.097939202
-0.93489116	-0.932491454	-0.405930036	0.589922435	0.719831539
-0.201696961	-0.057963647	0.95186708	-0.031434174	-0.115856121
-0.302206204	-0.253434084	0.902647778	-0.037794782	-0.266009867
-0.208310706	-0.0077153	0.938417773	-0.035230465	-0.082276175
-0.875141405	-0.832001873	0.916324511	-0.041425823	0.085263099
-0.938635759	-0.919295806	0.961323502	-0.010383816	0.009147692
-0.916292776	-0.940707285	-0.580252835	-0.119154196	0.957873042

-0.022743165	-0.395645072	0.96309215	-0.083827701	0.054927624
-0.005552877	-0.073874493	0.931861027	-0.056567028	0.02275277
0.004079154	-0.183557562	0.939807421	-0.064616077	0.041871541
-0.91797953	-0.967826982	0.791887198	-0.041260775	0.202534573
-0.919561843	-0.94127144	0.954008785	-0.043159783	0.034698021
-0.946454302	-0.959471486	-0.453069738	-0.139297681	-0.031121624
-0.052212075	-0.530626311	0.946468451	-0.21204587	0.134053215
-0.103167502	-0.203369399	0.892626156	-0.343576925	0.146633747
0.070812273	-0.324026938	0.941746407	-0.200321943	0.132371685
-0.921402118	-0.968370182	0.871963798	0.213716306	0.188531696
-0.964173332	-0.986382713	0.956464536	-0.173082705	0.127198423
-0.972196874	-0.971311177	-0.134832031	0.943017941	0.11262019
-0.12278329	-0.410606063	0.966873515	-0.15598345	-0.036084288
-0.10381826	-0.436697426	0.938371473	-0.259144203	-0.070250382
0.110835344	-0.425017413	0.949861981	-0.178702175	-0.056105062
-0.92858124	-0.939661889	0.926228975	0.083050901	0.08856407
-0.923140254	-0.9206848	0.957317822	-0.218865356	-0.039538277
-0.949072009	-0.948333844	-0.378592065	0.803378835	0.275043198
0.141866689	-0.220503537	0.910855709	-0.283658581	-0.131299719
0.104470774	-0.217210568	0.847634313	-0.357404502	-0.207507171
-0.032125247	-0.158333146	0.94187562	-0.211555113	-0.095082034
-0.938967742	-0.938641216	0.925576512	0.101769752	0.075777386
-0.949422439	-0.967538032	0.942695297	-0.239943146	-0.052485661
-0.95094795	-0.950392995	-0.156852206	0.656400944	0.598884989
-0.053612669	0.051884104	0.802973962	-0.270314823	-0.422495268
0.307195533	0.609017879	0.688256122	-0.322680365	-0.49508872
0.378870492	0.451576075	0.81629643	-0.264254675	-0.392555882
-0.914935704	-0.922774836	0.93903876	-0.036453396	-0.094597053
-0.928525725	-0.922276312	0.875319569	-0.226692231	-0.338174889
-0.909697041	-0.900331922	-0.145483632	0.485396927	0.83656291
0.138912924	-0.518932635	0.951524391	-0.233918283	0.075735673
-0.00406536	-0.379717488	0.918544812	-0.314961013	0.081180341
0.186532377	-0.281982182	0.9323022	-0.167462317	0.078882241
-0.922407163	-0.949338025	0.890364262	0.210849305	0.00281566
-0.931900148	-0.951670258	0.9655289	-0.164713175	0.064597599
-0.962759422	-0.929586835	-0.171993055	0.899242553	-0.036919291
-0.314569762	-0.15979979	0.925981326	-0.066824647	-0.217351194
-0.163732745	-0.129283826	0.826874283	-0.080592603	-0.379059698
-0.146993838	0.011435394	0.917818427	-0.058483268	-0.225382496
-0.951607872	-0.939672247	0.942457378	-0.086588254	0.08926822
-0.960298268	-0.953468962	0.941587749	-0.057886705	-0.166737468
-0.94306115	-0.965490276	-0.206783742	-0.019927023	0.893884469
-0.017579789	-0.265824489	0.928112369	-0.179927383	-0.19026595
-0.013172101	-0.230220954	0.853530566	-0.284153753	-0.298171464
-0.060789204	-0.231064157	0.928817578	-0.151077058	-0.160962986
-0.96185863	-0.965729196	0.944883748	-0.002814673	-0.135803882
-0.968176664	-0.970462679	0.904678547	-0.257486818	-0.202687757
-0.944792875	-0.9534767	-0.19913309	0.658792072	0.722657502
-0.227005875	-0.428348061	0.923865249	-0.254317086	-0.060931342
-0.21115512	-0.314373391	0.883330258	-0.316619946	-0.106112549
-0.254214046	-0.418610127	0.932277478	-0.225809125	-0.049363673
-0.974928131	-0.977572717	0.909816469	0.129886476	0.161877418
-0.954223436	-0.961873909	0.94757324	-0.204206321	-0.048576711
-0.986160921	-0.987658662	-0.220600509	0.719755404	0.605495318
0.181801561	-0.139477942	0.935222559	-0.2233381	-0.08984288

0.176349923	-0.19046855	0.829428373	-0.387100709	-0.221008763
0.514816446	0.049322451	0.881940855	-0.215018042	-0.126146869
-0.950388944	-0.951929615	0.581371509	0.360343535	0.489126595
-0.944430271	-0.952599654	0.944045838	-0.223897808	0.130643718
-0.973449969	-0.984672837	-0.680043155	0.725646623	0.687623853
0.489771809	-0.228734217	0.899965206	-0.344443913	-0.035130214
0.152196328	-0.229249455	0.777095717	-0.479894843	-0.130117635
0.616937015	-0.160938536	0.91972663	-0.277419719	-0.028259158
-0.936122705	-0.929106397	0.924454522	0.073338541	0.151679135
-0.875410411	-0.913142482	0.911231752	-0.305938717	0.070865529
-0.96409818	-0.972571998	-0.472431416	0.864882957	0.477573305
0.054088051	-0.168688726	0.862524801	-0.370984549	-0.22094796
0.109787469	-0.219707929	0.781177211	-0.432309617	-0.309735039
0.3013364	-0.071789356	0.872683206	-0.35667329	-0.187870253
-0.966877561	-0.959567862	0.940031368	0.021520671	-0.056776606
-0.943601625	-0.946123407	0.881213342	-0.346155559	-0.20768569
-0.956959422	-0.945653788	-0.174349175	0.599992678	0.788251027
0.100384246	-0.213351969	0.93609641	-0.259644937	0.023378006
0.250067524	-0.109613216	0.889454383	-0.33682691	-0.095797899
0.239812251	-0.325722718	0.921820642	-0.222215179	0.041298796
-0.928059134	-0.917564854	0.839305929	0.208553884	0.315551492
-0.922693288	-0.942201655	0.954064298	-0.226418774	0.032382498
-0.913276302	-0.942945808	-0.418494577	0.632484076	0.771903907
-0.119020587	0.164220685	0.939809689	-0.16176137	-0.16076336
0.044843579	0.100801189	0.84343881	-0.214481808	-0.35593445
0.108259034	0.229898743	0.923711401	-0.110028842	-0.153671532
-0.934933559	-0.90558439	0.936509243	0.121751063	0.063011156
-0.958444493	-0.929409745	0.919857126	-0.11740136	-0.223631181
-0.976309827	-0.973223495	-0.391564963	0.438434067	0.918782825
-0.154127498	-0.288840016	0.959701081	-0.115116242	-0.14091003
-0.116804489	-0.255601013	0.906369501	-0.237498409	-0.227134869
-0.102607327	-0.205566381	0.950883417	-0.128326711	-0.140123155
-0.956255962	-0.957056111	0.919637604	0.182254652	0.109559621
-0.936871974	-0.93028353	0.96644228	-0.145201301	-0.05305854
-0.983126462	-0.973566959	-0.359292534	0.738430699	0.68383991
-0.161852412	-0.437133403	0.937483114	-0.127315871	0.188416273
-0.223086809	-0.296523975	0.92769324	-0.217641282	0.108230987
-0.140540604	-0.457972382	0.929627532	-0.072427018	0.218795958
-0.947457617	-0.965139552	0.865686078	0.208287142	0.167140956
-0.954569226	-0.964642688	0.929794733	-0.159316786	0.201182106
-0.691770681	-0.717262004	-0.461102531	0.62065892	0.526353818
-0.136351392	-0.333486503	0.960647755	-0.133922185	0.1087387
-0.04917263	-0.404596937	0.942095257	-0.246169656	-0.001993106
-0.01162991	-0.284807676	0.946797272	-0.079900373	0.15390632
-0.940798966	-0.950004414	0.782955612	0.223105562	0.314387627
-0.949466155	-0.962988401	0.965460892	-0.140315422	0.088414268
-0.983231352	-0.984500013	-0.621309715	0.803015012	0.614523406
-0.187301215	-0.297318274	0.944759287	-0.187497035	-0.126210937
-0.095010408	-0.230707877	0.868000279	-0.22927866	-0.29464264
-0.097971003	-0.240040783	0.931380179	-0.166938775	-0.140047614
-0.971579126	-0.965858735	0.839464714	0.212947021	0.276417431
-0.955171419	-0.962408445	0.965351492	-0.188504847	-0.005574169
-0.983736044	-0.986636996	-0.530434605	0.567879494	0.84539238
-0.117886186	-0.300928396	0.942930276	-0.229316151	-0.125912861
-0.146753877	-0.285986914	0.854508232	-0.333223997	-0.265207858

0.156496647	-0.341031812	0.92929168	-0.235897105	-0.121477256
-0.939905245	-0.936667246	0.907331309	-0.112596728	0.135402567
-0.875689217	-0.905123824	0.948514848	-0.247656167	-0.03858305
-0.94538678	-0.956450343	-0.490334542	0.144073275	0.015757003
-0.091754061	-0.242828038	0.962374385	-0.127318079	0.095579214
-0.122128288	0.09954435	0.929258954	-0.227120125	0.044378601
-0.122463467	-0.223178	0.948486215	-0.076096295	0.091965045
-0.963222498	-0.968063878	0.891563755	0.155659457	0.286256064
-0.969295721	-0.980207489	0.974508732	-0.058487154	0.031614585
-0.990240947	-0.98725515	-0.346789843	0.807535373	0.590452224
-0.173550022	-0.120476784	0.965217551	-0.157673824	-0.003925564
-0.127311158	0.024946803	0.93182983	-0.226647292	-0.02214011
-0.027262808	-0.21727569	0.958000491	-0.126710372	0.028808167
-0.937857001	-0.950654041	0.825473837	0.114588393	0.34476602
-0.891654527	-0.912850597	0.968556705	-0.100296804	0.024304436
-0.954201824	-0.967044236	-0.344737755	0.732661248	0.681459211



tGravityAcc.std...X	tGravityAcc.std...Y	tGravityAcc.std...Z	tBodyAccJerk.mean...X	tBodyAccJerk.mean...Y
-0.976609643	-0.971305961	-0.947717226	0.074041633	0.02827211
-0.956367028	-0.952849233	-0.91237941	0.10137273	0.019486308
-0.950559812	-0.937018659	-0.895939695	0.054155316	0.029650449
-0.968457146	-0.935517056	-0.949040933	0.07748252	-0.000619103
-0.993762985	-0.981225958	-0.976324064	0.075376654	0.007975731
-0.896830018	-0.907720007	-0.85236629	0.081086534	0.003838204
-0.972693201	-0.97211688	-0.972072848	0.06180807	0.018249268
-0.93440774	-0.923767454	-0.878004057	0.074450784	-0.009709855
-0.94036176	-0.940068526	-0.931438313	0.110040616	-0.003279591
-0.979988761	-0.956750273	-0.954415873	0.072256439	0.011695451
-0.986685819	-0.97419442	-0.945927079	0.07475886	0.010329177
-0.959014441	-0.988211865	-0.984230418	0.082597251	0.012254788
-0.977771591	-0.962355639	-0.952091795	0.081474588	0.010059149
-0.944040819	-0.909825954	-0.909469675	0.042688099	0.039724927
-0.95006113	-0.946094638	-0.899943948	0.072568929	0.010970777
-0.957324458	-0.903923008	-0.897736318	0.072609842	0.002725291
-0.982020428	-0.957425322	-0.928161577	0.075090062	0.007716636
-0.982512193	-0.98120275	-0.964807544	0.076981113	0.013804101
-0.983826495	-0.967963221	-0.962968112	0.078352908	0.002956024
-0.958495236	-0.923376019	-0.919619453	0.056097191	0.023401899
-0.955258881	-0.932066041	-0.937753794	0.097186275	0.005637802
-0.981405295	-0.932727104	-0.950949255	0.078450024	-0.010858217
-0.972908356	-0.917613465	-0.899404775	0.072132838	-0.006530157
-0.921199966	-0.969816636	-0.976176609	0.093449422	0.006933132
-0.979348381	-0.961585475	-0.964580804	0.084588883	-0.01631941
-0.953579969	-0.90051172	-0.92141958	0.079544348	0.014013036
-0.950490939	-0.912363421	-0.927192733	0.1096506	0.013761823
-0.983137542	-0.93994298	-0.945009	0.074957741	-0.002787733
-0.974088206	-0.931973943	-0.914608496	0.072518986	-0.002219902
-0.945695336	-0.985964054	-0.977076645	0.084816482	0.007474608
-0.977779896	-0.964248568	-0.957205026	0.069958588	-0.016483172
-0.959399425	-0.912900683	-0.906196352	0.07210675	0.003713434
-0.954406268	-0.933577601	-0.934378766	0.103681344	0.009876858
-0.988872369	-0.960875995	-0.955475832	0.075472164	2.56E-06
-0.985583067	-0.968449101	-0.942795062	0.07306996	0.00871884
-0.88774631	-0.959161956	-0.928130738	0.096348196	-0.001145292
-0.979851271	-0.969404155	-0.952159771	0.090146265	0.018432272
-0.932823053	-0.939774255	-0.88167591	0.072464994	-0.000812387
-0.964875963	-0.952678694	-0.928756469	0.096892618	-0.019106108
-0.957082433	-0.945436265	-0.868602535	0.066851979	0.011686342
-0.987917504	-0.966162999	-0.939161015	0.075191511	0.006947004
-0.91422127	-0.955543549	-0.961908984	0.096890402	0.025062418
-0.97475205	-0.956781506	-0.956640105	0.070339349	-0.006039475
-0.926673288	-0.931032069	-0.87616893	0.081381681	0.014120592
-0.945766562	-0.941580934	-0.897190013	0.118938088	-0.038019385
-0.966757967	-0.937462301	-0.935475332	0.078671376	-0.006575163
-0.987690217	-0.958904114	-0.918293914	0.075373905	0.008149517
-0.918873192	-0.957990036	-0.941836263	0.08783269	0.023329916
-0.980971974	-0.971242423	-0.955523996	0.070435727	0.021225591
-0.954383557	-0.901317322	-0.894071079	0.069226625	0.001266122
-0.952141221	-0.936306559	-0.876641297	0.130193044	-0.020686597
-0.955280406	-0.94645197	-0.885854112	0.077005006	0.009817397
-0.98910316	-0.972573868	-0.932245295	0.076003205	0.01306998
-0.921821063	-0.969994488	-0.97120469	0.088073448	0.011561733

-0.974435158	-0.97111472	-0.957862728	0.085794381	0.004082488
-0.959216072	-0.937039417	-0.864745838	0.06488293	0.026631428
-0.939267613	-0.937003824	-0.902085225	0.100959387	0.01078249
-0.973128354	-0.935690006	-0.966898521	0.077537251	0.008978755
-0.991259485	-0.975410724	-0.959579658	0.080978439	0.011900763
-0.954531942	-0.966701156	-0.963045642	0.073815064	0.015698997
-0.981101014	-0.966240554	-0.960852684	0.082970933	0.012768248
-0.953463106	-0.924360833	-0.906933171	0.096856168	-0.013262529
-0.954497499	-0.92631047	-0.925814906	0.089716866	0.02522742
-0.988069341	-0.949792572	-0.971661611	0.076177732	-0.000213839
-0.994529398	-0.981047829	-0.989433254	0.076009772	0.012413097
-0.979565602	-0.99076558	-0.984192606	0.076664534	0.012219385
-0.97911312	-0.964619174	-0.950276227	0.045764401	0.019776695
-0.96024629	-0.941378352	-0.938071183	0.072866081	-0.006894949
-0.959504017	-0.943298428	-0.935399348	0.062150025	-0.011928915
-0.985203642	-0.963641979	-0.95620863	0.077127766	0.01059905
-0.98531421	-0.970482615	-0.939534099	0.074463176	0.010048004
-0.936458309	-0.974396493	-0.959643956	0.085429539	0.007744083
-0.972544922	-0.960899846	-0.948637588	0.080959023	0.003083645
-0.946441502	-0.922054969	-0.910271096	0.069244207	-0.001280098
-0.952643084	-0.928544371	-0.893962984	0.101704538	-0.007518682
-0.981379113	-0.951353065	-0.930979557	0.075286588	-0.001123441
-0.992232402	-0.974681226	-0.976827157	0.075863096	0.007620352
-0.957875245	-0.975948136	-0.959892864	0.076777483	0.018344189
-0.974816884	-0.954455936	-0.94751697	0.072087791	0.024116024
-0.928523641	-0.907231431	-0.875450819	0.080330302	-0.018313116
-0.919098794	-0.920725941	-0.879565317	0.042863163	0.029133942
-0.976280399	-0.950322664	-0.938415738	0.074187884	-0.00436186
-0.972005366	-0.965781048	-0.940757718	0.073793375	0.005795662
-0.862136937	-0.948774864	-0.901303856	0.098140385	-0.008315071
-0.978397288	-0.971056501	-0.958058765	0.089777072	0.008905886
-0.952562396	-0.927648821	-0.921618479	0.072972433	-0.004173618
-0.942806478	-0.925685894	-0.93400831	0.071145716	0.0151159
-0.982620884	-0.943561412	-0.952973659	0.078479279	-0.008984376
-0.988432085	-0.965687978	-0.958810153	0.07522807	0.006172555
-0.961509743	-0.986036192	-0.950710357	0.076751544	0.012398427
-0.982469595	-0.973784842	-0.961387254	0.077022377	0.009684447
-0.948413553	-0.933657461	-0.907649559	0.076252668	0.017372933
-0.957785118	-0.955487794	-0.910588943	0.090785706	-0.014811453
-0.980158243	-0.968023207	-0.945813561	0.073434672	0.009856429
-0.98535969	-0.980552436	-0.959562831	0.073643891	0.012076795
-0.963761978	-0.966087104	-0.967886002	0.078396027	0.013280505
-0.980983352	-0.968613203	-0.956903248	0.077318858	0.013009855
-0.949460372	-0.915973466	-0.930159844	0.076804417	0.030835651
-0.950026242	-0.946576676	-0.901097767	0.118250858	-0.011382618
-0.990196617	-0.966720106	-0.956610644	0.075070986	0.00560971
-0.985751366	-0.975810476	-0.969171762	0.074086496	0.006578535
-0.961063222	-0.961466681	-0.957164565	0.077908975	0.007068671
-0.983010883	-0.975311659	-0.972483849	0.076752428	0.028274548
-0.961738807	-0.942056881	-0.907839724	0.081240203	0.021165469
-0.960404875	-0.932962218	-0.92166175	0.080904405	-0.000757069
-0.994043771	-0.984035479	-0.978340183	0.076622889	0.006945603
-0.994270075	-0.981335942	-0.976044291	0.075353948	0.010469872
-0.982715988	-0.994093523	-0.99095725	0.074998501	0.011701896
-0.969861463	-0.9586512	-0.929187931	0.082224628	0.014411348

-0.916495992	-0.901044851	-0.836935675	0.083154508	0.056818586
-0.899726139	-0.917880864	-0.899363132	0.073093031	-0.038687211
-0.96935501	-0.969969814	-0.960394961	0.075374713	0.013792101
-0.992411542	-0.971426608	-0.958862044	0.075412037	0.009913383
-0.958959611	-0.98699315	-0.988819032	0.0772318	0.011149573
-0.970327266	-0.962003384	-0.95385044	0.084123432	-0.021061956
-0.931405014	-0.924594354	-0.904064094	0.083645126	0.006599826
-0.940458075	-0.908577154	-0.919693533	0.069503106	0.004364496
-0.985829034	-0.966983534	-0.935854966	0.074656839	0.005974303
-0.981916942	-0.957462721	-0.942437326	0.076355616	0.011693022
-0.928674215	-0.976018477	-0.976518553	0.089271601	0.001108225
-0.969576355	-0.964144521	-0.974939388	0.078225182	0.002351976
-0.940911636	-0.941523624	-0.932716254	0.104034223	-0.015629007
-0.940194828	-0.940111831	-0.916324557	0.090145288	-0.021399849
-0.992936404	-0.979355363	-0.965426494	0.075710979	0.012102014
-0.982906669	-0.977681416	-0.958590002	0.075454386	0.010062117
-0.945905271	-0.983732936	-0.952416332	0.08201502	0.011994367
-0.969643448	-0.96363934	-0.955147847	0.062777763	0.035674634
-0.94063384	-0.941620222	-0.913153632	0.087717224	0.036708297
-0.941242335	-0.945824353	-0.906594023	0.101584641	0.021112611
-0.972009989	-0.954225015	-0.92795065	0.080768731	-0.000842715
-0.992827298	-0.971080743	-0.958890202	0.075232289	0.010728696
-0.928781249	-0.958826939	-0.952435389	0.075220224	0.004598348
-0.977230904	-0.966550707	-0.932981342	0.098731909	0.014895593
-0.933344482	-0.910474557	-0.90206591	0.072364998	0.039986287
-0.950790837	-0.93901255	-0.905888258	0.057801061	0.037500515
-0.984536722	-0.960917426	-0.9239536	0.077002235	0.010135139
-0.984610385	-0.984818649	-0.947199734	0.075020648	0.010586152
-0.947948758	-0.982794563	-0.976780462	0.083178761	0.01535144
-0.9831324	-0.962578844	-0.962822967	0.073193898	0.012125459
-0.962190567	-0.91669078	-0.934952939	0.08623101	-0.015081605
-0.961845327	-0.941478979	-0.942207719	0.080261983	-0.004473163
-0.98966015	-0.971692545	-0.963406796	0.076331853	0.004767026
-0.992197592	-0.968155389	-0.946184949	0.074617742	0.010983969
-0.960412164	-0.993454358	-0.979239668	0.080721233	0.011981952
-0.979499263	-0.965093441	-0.944995731	0.072172071	0.003511152
-0.95087845	-0.931758273	-0.882722399	0.074004144	0.00925514
-0.964470067	-0.937816011	-0.926191696	0.110656929	-0.019541663
-0.988879981	-0.963415017	-0.969459982	0.075208701	0.004854159
-0.993148268	-0.980642971	-0.967792579	0.07523373	0.00663214
-0.829554948	-0.643578361	-0.610161166	0.087907169	0.028461931
-0.980055651	-0.969040314	-0.966231562	0.065230374	0.019671214
-0.962011392	-0.937858158	-0.929636798	0.075564532	0.002091717
-0.962721992	-0.935425855	-0.933081768	0.111470788	-0.007131602
-0.965082926	-0.949286701	-0.944580864	0.076444323	0.00692239
-0.992678782	-0.966986434	-0.964228471	0.075357821	0.008173223
-0.944472489	-0.987887995	-0.984081709	0.086650253	0.012442003
-0.979866137	-0.973793	-0.956593491	0.068433197	0.001612303
-0.956433875	-0.947713379	-0.926675381	0.073476353	-0.014022937
-0.946975165	-0.934963993	-0.920921522	0.093627322	0.015986947
-0.982445738	-0.982553337	-0.967268066	0.077903896	0.004670724
-0.994012163	-0.979641052	-0.968169954	0.074969981	0.012243331
-0.971183863	-0.993701743	-0.989056311	0.076626855	0.012649109
-0.976693903	-0.96878086	-0.944225032	0.093112223	0.02264866
-0.9446978	-0.927641088	-0.900514013	0.070683187	0.022298541

-0.956921542	-0.948404212	-0.91705975	0.097265346	0.01434509
-0.9891325	-0.971766352	-0.95608768	0.076867162	0.014833823
-0.990059427	-0.962801442	-0.951782182	0.07531316	0.009073632
-0.970599089	-0.969759029	-0.979124666	0.078077064	0.005939923
-0.978253539	-0.975272848	-0.945981437	0.085374335	0.022387045
-0.954189013	-0.923007798	-0.858849467	0.106345193	-0.000689019
-0.941736193	-0.913903064	-0.869300905	0.063687197	0.000621017
-0.984679152	-0.97360429	-0.966032045	0.07454381	0.005985314
-0.996764227	-0.985134032	-0.984464544	0.075305253	0.011510498
-0.97293989	-0.994247649	-0.985778178	0.07188612	0.011691206
-0.979752467	-0.970176562	-0.943958421	0.068868997	0.021965655
-0.954033624	-0.914933936	-0.862402791	0.057984037	-0.003587192
-0.958890389	-0.918678752	-0.87766706	0.088393304	-0.007561108
-0.978364712	-0.959361307	-0.956635663	0.076005773	0.009756925
-0.996420919	-0.958145763	-0.949207368	0.075241447	0.012086042
-0.979563943	-0.988930715	-0.983274525	0.075219667	0.010768019

tBodyAccJerk.mean...Z	tBodyAccJerk.std...X	tBodyAccJerk.std...Y	tBodyAccJerk.std...Z
-0.004168406	-0.113615602	0.067002501	-0.502699789
-0.045562545	-0.446843888	-0.378274426	-0.706593531
-0.010971973	-0.012283861	-0.101601391	-0.345735032
-0.003367792	-0.986430711	-0.981371965	-0.987910804
-0.00368525	-0.994604542	-0.985648732	-0.992251177
0.010834236	-0.958482112	-0.924149274	-0.954855111
0.007895337	-0.277530463	-0.016602236	-0.586090419
0.019481439	-0.276121886	-0.185648954	-0.573746353
-0.020935168	0.147249143	0.126828015	-0.340122023
0.007605469	-0.988055854	-0.977983955	-0.987518212
-0.008371588	-0.981085716	-0.97105944	-0.982841446
-0.001802649	-0.985872169	-0.983172541	-0.988442014
-0.005622646	-0.268679644	-0.044961959	-0.529486116
0.020820554	-0.458364617	-0.251680365	-0.708551712
-0.00202728	-0.085801004	-0.111439195	-0.571735243
-0.004233484	-0.97446739	-0.953631391	-0.974661566
-0.008071779	-0.957086489	-0.941686786	-0.973059635
-0.004356259	-0.980879315	-0.968710725	-0.982093163
-0.000767679	-0.297042613	-0.221165132	-0.751391383
0.003402808	-0.380488027	-0.281543175	-0.726495312
-0.007291378	-0.145759709	-0.146242295	-0.626646987
-0.012149995	-0.976742196	-0.944596106	-0.979038766
-0.021188989	-0.972586542	-0.938354678	-0.973054201
-0.006410543	-0.978302781	-0.942209488	-0.978511984
8.32E-05	-0.302891025	-0.091039743	-0.612895319
-0.025590953	-0.223896564	-0.125026613	-0.638369032
0.021339766	0.03224155	0.047361231	-0.522651638
0.003386096	-0.97520485	-0.952786261	-0.97343653
-0.012281222	-0.96264708	-0.931217141	-0.963832119
-0.003040672	-0.983307862	-0.964560431	-0.985419368
-0.007389312	-0.132784767	0.008088974	-0.575777466
-0.002378166	-0.180301156	-0.041399465	-0.560830688
-0.009324706	0.165271071	0.27654403	-0.336817322
0.006237278	-0.969929476	-0.945143686	-0.958572953
-0.004817122	-0.973132636	-0.949362277	-0.967547242
0.003288173	-0.966341055	-0.933674494	-0.959646055
-0.021039855	-0.346026226	-0.054744895	-0.149488514
-7.45E-05	-0.415153116	-0.519897596	-0.607808436
-0.016039039	0.028503393	-0.296279675	-0.347107758
0.016200414	-0.982158098	-0.969458676	-0.972256473
-0.010842029	-0.976403545	-0.96581061	-0.972060053
-0.013165392	-0.980977756	-0.97309316	-0.972983064
-0.000673799	-0.258688628	0.233987544	-0.383200596
-0.067458392	-0.186618895	-0.01235011	-0.447518179
-0.039435616	0.250143725	0.288140719	-0.013513627
-0.010680892	-0.985188754	-0.980784606	-0.985285807
0.003221533	-0.98919888	-0.976442141	-0.982610899
-0.016921879	-0.973253042	-0.976520952	-0.966087575
0.004147627	-0.206733788	-0.276929934	-0.409764526
0.007660466	-0.335291645	-0.586147012	-0.647296002
0.002625689	0.017623342	-0.309442473	-0.359513363
-0.008674673	-0.964535856	-0.956777545	-0.961889438
-0.004700786	-0.969973399	-0.963849333	-0.970584265
-0.007053678	-0.96474047	-0.96399668	-0.958562455

-0.01629532	-0.052199101	0.075080495	-0.511662906
-0.051337583	-0.187220176	-0.177803083	-0.60752048
0.000152617	0.223275806	-0.105020356	-0.318188417
-0.004995664	-0.988946414	-0.98075679	-0.988255804
-0.00485841	-0.96431149	-0.941328663	-0.9764306
0.007166896	-0.978007467	-0.966930793	-0.976256663
-0.013364828	-0.428516344	-0.18141923	-0.720654731
-0.01514639	-0.452961684	-0.42811923	-0.785359167
-0.022520891	-0.083421265	-0.126816662	-0.579710482
0.008334008	-0.980335164	-0.966766643	-0.98344161
-0.000745916	-0.992527404	-0.97942828	-0.99013299
0.002776905	-0.985259109	-0.972777455	-0.982111784
0.00502587	-0.013506611	-0.089404969	-0.512276838
0.009066628	-0.359856972	-0.311328991	-0.719336353
0.004852624	0.006319144	0.062921667	-0.498655793
-0.00204576	-0.976494201	-0.964047462	-0.979113466
-0.007881314	-0.972440195	-0.953203115	-0.975556977
-0.004371484	-0.969276283	-0.962639527	-0.970629308
0.00597249	-0.220910068	0.056548877	-0.374633172
-0.02541263	-0.48732554	-0.323333932	-0.660921264
-0.025297767	-0.074090805	-0.149027774	-0.31704661
-0.023239725	-0.992827264	-0.984267558	-0.98761209
-0.000704979	-0.987636104	-0.977704172	-0.986926243
-0.009883897	-0.98541995	-0.980152343	-0.983070657
0.019972304	-0.45449702	-0.344339569	-0.472791089
0.003441995	-0.368780419	-0.336427181	-0.327868814
0.01049526	0.012959755	0.192791766	-0.133634061
-0.010574451	-0.980890655	-0.967828356	-0.976133384
-0.007207778	-0.978248526	-0.966362426	-0.970766734
-0.032360151	-0.971473557	-0.968127617	-0.972431855
0.000658706	-0.373217585	-0.031926547	-0.686268421
-0.005258799	-0.186944665	-0.311861357	-0.748809454
-0.01002129	0.134593836	0.015805921	-0.404005582
-0.002372075	-0.988162334	-0.978126999	-0.987011025
-0.006587371	-0.985459068	-0.9677204	-0.985301941
-0.00443928	-0.981739387	-0.970921588	-0.978402957
0.003608033	-0.396223738	-0.425563859	-0.440258217
0.038053359	-0.52108914	-0.425625937	-0.59341113
-0.029312256	-0.101186927	-0.261684752	-0.303381583
-0.011503058	-0.990861135	-0.981800971	-0.983487213
-0.004763106	-0.991026497	-0.982621955	-0.988073826
-0.001541051	-0.988416724	-0.984867287	-0.987644127
0.024375333	-0.355492635	-0.093538503	-0.534303312
0.007595338	-0.292665827	-0.349791873	-0.657430836
-0.009398381	-0.103436471	-0.304063534	-0.536331571
-0.001554484	-0.994340603	-0.988637002	-0.990529262
-0.004035996	-0.992094006	-0.98666126	-0.991217027
-0.000143543	-0.981489017	-0.976960543	-0.982813001
0.010685091	-0.368056914	-0.320158763	-0.633325861
0.009358966	-0.563202135	-0.567940639	-0.760829911
-0.014176992	-0.387223932	-0.447033873	-0.651246665
0.00278757	-0.991624662	-0.984002717	-0.990153122
-0.001816405	-0.989436674	-0.975277837	-0.988455249
-0.001213448	-0.985921071	-0.985554339	-0.990660246
-0.032752872	0.110306729	0.080927119	-0.179390497

0.031668198	-0.174279056	-0.012886548	-0.444282228
-0.009552025	0.544273037	0.355306717	-0.020011115
0.001731068	-0.987043285	-0.979267729	-0.98670474
0.001292163	-0.984792035	-0.970543277	-0.986142492
-0.000988691	-0.983605223	-0.974524523	-0.988260181
0.006344572	-0.090645042	0.244310894	-0.387664584
-0.024542099	-0.185695388	-0.260789712	-0.513641207
-0.002534821	-0.135699627	0.289670967	-0.381503405
0.001601349	-0.982078229	-0.970896863	-0.976522489
-0.006136819	-0.959528332	-0.935605651	-0.958936311
-0.003098918	-0.984270728	-0.977002607	-0.984989224
-0.010181342	-0.114888874	-0.034714386	-0.425142605
-0.036011547	-0.424052015	-0.203209666	-0.56205235
-0.012555109	0.002146557	-0.079600976	-0.246061882
-0.000175352	-0.989439392	-0.979002805	-0.985823623
-0.003320937	-0.97706335	-0.963921458	-0.977915677
-0.013905344	-0.984826521	-0.971584753	-0.983977644
0.004436914	0.035878709	0.22554229	-0.313155903
-0.033616971	-0.008539927	-0.057578454	-0.471703305
0.011249902	0.086913985	0.019861328	-0.477806646
-0.012685248	-0.981664149	-0.964782832	-0.978928356
-0.006262917	-0.975639081	-0.952303494	-0.981478065
-0.004674387	-0.970355192	-0.955151527	-0.974527012
-0.001908106	-0.229328122	-0.080501734	-0.029311506
0.015923417	-0.365398623	-0.328225031	-0.40809402
-0.000982717	0.198947062	-0.088330123	0.031015708
-0.001488234	-0.984561804	-0.978045838	-0.975978995
-0.005292609	-0.983141959	-0.975219984	-0.973595215
-0.006282351	-0.986360447	-0.988611617	-0.984663477
-0.011640139	-0.485863255	-0.302220161	-0.491189466
-0.013235365	-0.498764672	-0.515220752	-0.523807264
-0.008469159	-0.337218894	-0.169291888	-0.290239377
-0.001133002	-0.988564382	-0.979573678	-0.984662947
-0.003587749	-0.980573837	-0.967745639	-0.977716355
-0.005892258	-0.986365434	-0.982430495	-0.983087367
-0.003350987	-0.607620932	-0.382619719	-0.675601404
-0.011690681	-0.663642746	-0.627131236	-0.812458372
-0.011334879	-0.501968388	-0.371661522	-0.711494696
0.002107608	-0.992278622	-0.982870992	-0.988433153
-0.006228088	-0.988312658	-0.972272411	-0.987062685
-0.030717944	-0.973323412	-0.94568717	-0.967835526
-0.006183058	-0.328452881	-0.261863589	-0.397483516
-0.011708928	-0.290879966	-0.399771474	-0.677995585
-0.011891143	-0.128111641	-0.086404903	-0.379335952
-0.00780238	-0.992258395	-0.986215216	-0.990008711
-0.002194978	-0.990498355	-0.975935485	-0.986693449
-0.006147551	-0.989315825	-0.987182888	-0.989064629
-0.020752327	-0.316184022	-0.104090459	-0.40118854
0.006746791	-0.468066189	-0.426833499	-0.633722935
-0.009850348	-0.003583389	-0.138528104	-0.409310918
-0.006112854	-0.990658098	-0.985097471	-0.988904002
-0.001379503	-0.987628362	-0.975829725	-0.987354788
-0.000685549	-0.986471899	-0.985159462	-0.989685147
-0.007629152	-0.335700184	-0.220123121	-0.537470472
0.007490817	-0.312671656	-0.331602407	-0.637488941

0.001239501	-0.016765223	0.026553013	-0.427053261
0.000257854	-0.976286679	-0.962219453	-0.976327427
-0.002678101	-0.96860456	-0.933768175	-0.969765362
0.006009719	-0.980164717	-0.97867954	-0.973071656
0.009415473	-0.221433543	-0.087174644	-0.46175801
-0.029071387	-0.182365815	-0.388624196	-0.678763767
-0.014064298	-0.023952574	-0.077340838	-0.478764185
0.003167701	-0.99352556	-0.9840551	-0.990168733
0.000332895	-0.993652821	-0.983338158	-0.99059386
0.002415428	-0.992005989	-0.989513566	-0.993288313
-0.007395342	-0.374400941	-0.270709274	-0.521351855
0.01615062	-0.535420203	-0.587214543	-0.761942025
-0.011830142	-0.226643901	-0.194656097	-0.467070153
-0.002781618	-0.988864577	-0.980420928	-0.988164381
0.001908415	-0.968430745	-0.957318881	-0.968897316
-0.00037419	-0.977463776	-0.971049778	-0.979517896



tBodyGyro.mean...X	tBodyGyro.mean...Y	tBodyGyro.mean...Z	tBodyGyro.std...X	tBodyGyro.std...Y
-0.041830964	-0.069530046	0.084944817	-0.473535486	-0.054607769
0.05054938	-0.166170015	0.058359546	-0.544871105	0.004105184
-0.03507819	-0.090937129	0.090085014	-0.458030543	-0.126349195
-0.045350057	-0.091924155	0.062931381	-0.977211283	-0.966473895
-0.023987735	-0.059397221	0.074800751	-0.987191947	-0.98773444
-0.016553094	-0.064486124	0.148689436	-0.873543868	-0.95109044
-0.053025816	-0.048238232	0.082833663	-0.561550256	-0.538453668
-0.057691263	-0.03208831	0.068837402	-0.439253059	-0.466298337
-0.115947353	-0.004823292	0.097173809	-0.32078923	-0.415739145
-0.045470662	-0.05992868	0.041227746	-0.985742028	-0.978919527
-0.023862388	-0.082039658	0.08783517	-0.97299863	-0.971441996
-0.018476607	-0.111800825	0.144882846	-0.988275233	-0.982291609
-0.025640519	-0.077915094	0.081348594	-0.57186956	-0.56379326
0.072198031	-0.139275406	0.02156037	-0.456039263	-0.582742846
-0.131573276	-0.013935804	0.123826738	-0.261653414	-0.546740388
-0.03853652	-0.075241003	0.094011398	-0.965434768	-0.944854571
-0.024662607	-0.058510192	0.066526205	-0.900462228	-0.927788618
-0.020817054	-0.071850716	0.137999561	-0.974545752	-0.977272654
-0.031798256	-0.072690528	0.080567716	-0.500916659	-0.665394093
0.03938252	-0.085947168	0.084375384	-0.454431043	-0.551185569
-0.102838823	-0.070402595	0.059263949	-0.370244695	-0.699453537
-0.049443512	-0.089430061	0.101150335	-0.97013179	-0.95846812
-0.030644934	-0.061824851	0.075563643	-0.909687974	-0.949227147
-0.009231563	-0.093012818	0.169720404	-0.973102422	-0.961109292
-0.04889199	-0.069013525	0.08154355	-0.490877498	-0.50462203
0.039519112	-0.117195552	0.042444282	-0.443342262	-0.440345826
-0.06829457	-0.0707806	0.080655999	-0.460646845	-0.409134149
-0.042235521	-0.083548408	0.082393445	-0.966225485	-0.950064068
-0.03227119	-0.050987505	0.069094576	-0.910395222	-0.933738104
-0.021893501	-0.07987096	0.159894367	-0.979498707	-0.977427371
-0.025509619	-0.074446247	0.08388088	-0.446020953	-0.331702268
-0.076740683	-0.051898199	0.066423403	-0.321973724	-0.315799902
-0.096083744	-0.034178221	0.08700126	-0.198303853	-0.18922957
-0.037244228	-0.08990833	0.085434601	-0.957367682	-0.944130045
-0.028251913	-0.058982364	0.076739475	-0.947561299	-0.942486586
-0.007960503	-0.107218315	0.179102058	-0.955378225	-0.943634949
0.002288352	-0.083711372	0.06411046	-0.503313517	-0.231098305
-0.138778108	-0.00247162	0.139217072	-0.363853237	-0.572996821
-0.105409613	-0.049717461	0.116894769	-0.407744096	-0.292626136
-0.049637972	-0.033611965	0.025947666	-0.941870953	-0.944124336
-0.029158221	-0.077433644	0.0851045	-0.945247687	-0.949646947
-0.002826419	-0.133605695	0.15592003	-0.960126823	-0.945071935
0.023508823	-0.095791791	0.050965792	-0.199209718	-0.211997278
0.192704476	-0.204205356	-0.072454603	-0.367428367	-0.066698086
-0.121189626	-0.050076017	0.114143855	-0.258430886	0.024313121
-0.054739699	-0.095508924	0.071604881	-0.984524053	-0.971500697
-0.021967198	-0.028011763	0.063688907	-0.97299038	-0.969421046
0.005353612	-0.089137414	0.138188307	-0.965204018	-0.952039386
-0.08083606	-0.062559871	0.11162978	-0.476163507	-0.467054168
-0.16396719	-0.041258791	0.145694626	-0.343976631	-0.400859068
-0.091638301	-0.071259884	0.116804401	-0.396429198	-0.340765233
-0.042328877	-0.041427118	0.080791929	-0.959020049	-0.919188226
-0.029183136	-0.060810158	0.099240933	-0.921990612	-0.94604664
-0.013632036	-0.15890292	0.101275011	-0.94224651	-0.926618531

0.010689498	-0.081954078	0.098669573	-0.414205475	-0.250853319
0.073344717	-0.095460022	0.087966418	-0.308534708	0.041172467
-0.124839594	-0.106742539	0.072443369	-0.304745377	-0.311407525
-0.043243218	-0.06799936	0.074595887	-0.988873097	-0.984373305
-0.028185433	-0.087682049	0.103251561	-0.929895058	-0.958861164
-0.019555937	-0.077032566	0.104720478	-0.9617132	-0.953660208
-0.0426929	-0.070510497	0.08437445	-0.596346931	-0.499625287
-0.08209097	-0.056692881	0.063805438	-0.50133163	-0.28204454
-0.125068699	-0.026277535	0.057524457	-0.374069024	-0.49591172
-0.039998492	-0.075528448	0.076173942	-0.988164912	-0.98224904
-0.029314152	-0.076546504	0.081058822	-0.980242495	-0.994210472
-0.019174384	-0.04155999	0.152019016	-0.980836885	-0.982442644
-0.104513671	-0.034429108	0.099973912	-0.546263471	-0.449401398
-0.09312341	-0.041131452	0.089802276	-0.526659296	-0.522949798
-0.112531564	-0.042733669	0.089543498	-0.362143062	-0.476287743
-0.042415918	-0.07519804	0.072846216	-0.974425352	-0.960497128
-0.030003043	-0.070008375	0.074256819	-0.883655252	-0.941469208
-0.014654681	-0.083553735	0.145191848	-0.966090742	-0.953873894
-0.017420763	-0.07984725	0.078420564	-0.376059914	-0.29002355
-0.138293762	0.003819669	0.116679563	-0.541066687	-0.40357217
-0.122672202	-0.023720572	0.11128424	-0.417014162	-0.198848161
-0.035512486	-0.09026874	0.082343203	-0.985844263	-0.979668456
-0.029549216	-0.075320524	0.085471247	-0.955577396	-0.971721756
-0.0097361	-0.09662507	0.117819615	-0.97214347	-0.96270462
-0.003476551	-0.082968285	0.051322272	-0.600388222	-0.01483926
0.081384169	-0.12349957	-0.044138189	-0.454283338	0.476518714
-0.014707965	-0.094528841	0.035334454	-0.354551638	0.056990222
-0.044040333	-0.071347828	0.092852361	-0.980829981	-0.962048192
-0.022088653	-0.055810883	0.079047589	-0.961091762	-0.946280621
0.005052212	-0.153423808	0.149124058	-0.957221015	-0.932499781
-0.055488385	-0.061242788	0.084248492	-0.32962462	-0.420865008
0.090334003	-0.154721289	0.091168148	-0.415251318	-0.330233235
-0.136618653	-0.034675573	0.07117582	-0.318692526	-0.37320816
-0.037711113	-0.080342876	0.095197808	-0.988204115	-0.975321519
-0.026243356	-0.065963752	0.076194674	-0.947790802	-0.971332584
-0.016830089	-0.061970087	0.1134519	-0.957167681	-0.961142912
-0.015172191	-0.069595569	0.081865074	-0.654171847	-0.612593634
0.071840888	-0.048613679	-0.00779288	-0.508087167	-0.586382894
-0.022537337	-0.068264793	0.083538006	-0.454188471	-0.528329305
-0.041201404	-0.057452543	0.079573631	-0.981037373	-0.958336596
-0.029933729	-0.068667733	0.086734271	-0.973400108	-0.980110277
-0.016154541	-0.113675061	0.096621035	-0.97701077	-0.970747514
-0.009222655	-0.083977334	0.075713266	-0.479813513	-0.454932904
-0.030425057	-0.054845594	0.056093136	-0.496562733	-0.493044125
0.067772839	-0.123517196	0.016287875	-0.370436869	-0.45928199
-0.042549159	-0.066924593	0.08600538	-0.989638326	-0.986128681
-0.026957694	-0.077063213	0.088056187	-0.981373083	-0.985121165
-0.023475647	-0.094458019	0.11144049	-0.975893062	-0.971484336
-0.039939972	-0.061372736	0.094471839	-0.704439778	-0.49643154
-0.047068392	-0.052613382	0.090673648	-0.593841504	-0.507297003
-0.057654866	-0.063621434	0.098747168	-0.502473034	-0.617230786
-0.033305703	-0.068579634	0.084814051	-0.991956959	-0.986753344
-0.026587325	-0.073226013	0.084319068	-0.96225425	-0.980417134
-0.025176181	-0.083758731	0.093778195	-0.992872598	-0.984202873
-0.027497098	-0.075156933	0.079810698	-0.026435796	-0.114406109

0.038853709	-0.134514321	-0.000233248	-0.406800033	-0.172633224
-0.205775427	0.027470756	0.163962511	0.267657219	0.048314774
-0.021415128	-0.052020789	0.096898072	-0.984625307	-0.95975831
-0.025090574	-0.063142983	0.071052018	-0.946109712	-0.969576324
-0.031207273	-0.095262801	0.108605114	-0.981357611	-0.963617706
-0.023410423	-0.074105055	0.085135993	-0.232940614	0.085832152
0.065919326	-0.174650965	0.058701942	-0.492701194	-0.104722161
-0.111367748	0.01390234	0.103900481	-0.204939568	-0.146794177
-0.036405929	-0.065068935	0.064288214	-0.976309017	-0.960104509
-0.024133505	-0.069830892	0.077367145	-0.886749173	-0.903913941
-0.023176062	-0.095489963	0.12368021	-0.984477414	-0.97294191
-0.045932339	-0.059029444	0.098371593	-0.432232884	-0.397892317
0.062608689	-0.155622431	-0.005468298	-0.531909419	-0.463136841
-0.126388024	0.01621453	0.148610021	-0.442148618	-0.353733478
-0.019871282	-0.06530775	0.083132604	-0.988410501	-0.976380487
-0.01917319	-0.073811587	0.086486327	-0.962514526	-0.955979193
-0.030512619	-0.113800486	0.098090652	-0.975411858	-0.952147091
0.000777157	-0.096088073	0.077526659	-0.318537866	-0.486322107
0.134978808	-0.181458414	0.015735924	-0.30149171	-0.489417909
-0.077961121	-0.069715446	0.050070876	-0.237349191	-0.550303217
-0.036043068	-0.079361744	0.080442678	-0.981099172	-0.950173479
-0.027520176	-0.069006769	0.073346656	-0.917837043	-0.964714673
-0.020831137	-0.092572312	0.145003879	-0.956641906	-0.961884963
-0.063115687	-0.064019792	0.107700451	-0.494322649	0.259457229
0.095794025	-0.111564389	-0.032555752	-0.550664577	-0.293681861
-0.057823019	-0.085307746	0.09536025	-0.416133033	0.213825552
-0.047258346	-0.068432555	0.064567321	-0.980363734	-0.948109526
-0.032739775	-0.065226479	0.0816889	-0.94201124	-0.948074761
-0.011339972	-0.105052917	0.111078595	-0.981849401	-0.959195236
-0.054512687	-0.065843588	0.097200632	-0.580597373	-0.48716628
0.088316377	-0.105932947	0.02482907	-0.577426409	-0.568534125
-0.086706901	-0.054230025	0.111973651	-0.431919068	-0.484673524
-0.035622962	-0.07501327	0.080044023	-0.988111649	-0.977954005
-0.027861151	-0.069254667	0.077124615	-0.96073866	-0.967298519
-0.014367993	-0.095553805	0.111730746	-0.98265172	-0.960299551
-0.015630538	-0.082076807	0.086786874	-0.401158754	-0.604032097
0.055612192	-0.109437658	0.099622739	-0.489011795	-0.433673384
0.002991129	-0.101115076	0.098075025	-0.288824755	-0.523377915
-0.035205209	-0.074800271	0.085278389	-0.989907584	-0.981193502
-0.024794675	-0.069887685	0.085268544	-0.971357421	-0.976757621
0.003727235	-0.071640173	0.139718671	-0.88976964	-0.936630803
-0.003340859	-0.084150765	0.085106925	-0.492885711	-0.575735448
-0.024795083	-0.06576018	0.072145897	-0.550274396	-0.603097111
-0.010752208	-0.100382204	0.0822214	-0.331312914	-0.47340805
-0.037021745	-0.08406485	0.071110947	-0.991027701	-0.973444814
-0.024534584	-0.073138576	0.077670678	-0.973785111	-0.982408143
-0.017065624	-0.090322923	0.152436344	-0.990328198	-0.979325679
-0.085588357	-0.036534816	0.11826775	-0.606860249	-0.529865058
-0.094034489	0.002124994	0.140129856	-0.562461005	-0.587966801
-0.159826552	-0.016313159	0.152695028	-0.363722908	-0.481813368
-0.037183082	-0.079734565	0.083375281	-0.988492425	-0.982067465
-0.026731654	-0.06750712	0.071684146	-0.969902008	-0.982498991
-0.019542733	-0.095783957	0.118738361	-0.988837212	-0.984287475
-0.105896208	-0.017282217	0.116065911	-0.503798624	-0.497684007
-0.129362971	0.021225096	0.103720988	-0.518818228	-0.479319521

-0.14109631	0.007105643	0.138622426	-0.268106331	-0.259368687
-0.033901803	-0.067394385	0.087025401	-0.979671983	-0.956316506
-0.025328154	-0.073900165	0.086517311	-0.884032232	-0.94000632
-0.017367706	-0.097448734	0.093579123	-0.95516228	-0.960057464
-0.007956682	-0.081960153	0.085685224	-0.598868671	-0.181802637
0.093198946	-0.152328112	0.085431812	-0.323904732	0.046110305
-0.037412607	-0.085104589	0.082224407	-0.282077258	-0.390460138
-0.037927111	-0.075579767	0.058049597	-0.990178705	-0.98833402
-0.027607557	-0.072106068	0.082758377	-0.97799482	-0.990364876
-0.0258281	-0.076181436	0.127411972	-0.994276591	-0.992750958
-0.045950536	-0.064917093	0.083956824	-0.387920594	0.006002779
-0.003559746	-0.077960646	0.08146993	-0.493837521	-0.084048151
-0.07455913	-0.069311241	0.08957678	-0.265923161	-0.285392416
-0.035842648	-0.074353558	0.07020026	-0.98813267	-0.976477562
-0.027613854	-0.067033438	0.080251475	-0.911408518	-0.940705412
-0.026781222	-0.076147635	0.093847216	-0.973662822	-0.966041673

tBodyGyro.std...Z	tBodyGyroJerk.mean...X	tBodyGyroJerk.mean...Y	tBodyGyroJerk.mean...Z
-0.344266629	-0.089997542	-0.039842871	-0.04613093
-0.507168675	-0.122232768	-0.042148588	-0.040712553
-0.124702454	-0.073959204	-0.043990278	-0.027046106
-0.941425921	-0.093679381	-0.040211812	-0.046702627
-0.980645627	-0.099609213	-0.044062788	-0.048950547
-0.908284663	-0.107270949	-0.041517287	-0.074050121
-0.481085535	-0.081883343	-0.053829945	-0.051493916
-0.163995792	-0.0828858	-0.042405371	-0.044515748
-0.279418388	-0.05810385	-0.042147026	-0.071022982
-0.959803709	-0.093632841	-0.041560203	-0.043585097
-0.964856702	-0.105562158	-0.042241954	-0.054653948
-0.96030656	-0.101974134	-0.035859018	-0.070178302
-0.476696412	-0.095239817	-0.038787465	-0.05036161
-0.492327305	-0.115510569	-0.040037251	-0.049818087
-0.442307768	-0.077870165	-0.039156793	-0.041619313
-0.92641371	-0.103605889	-0.036090988	-0.059007997
-0.912364081	-0.099460262	-0.047241582	-0.041683216
-0.963505609	-0.100044499	-0.038977177	-0.06873387
-0.662608226	-0.115321556	-0.039347449	-0.055116685
-0.360811048	-0.131472071	-0.039050883	-0.072249626
-0.4984808	-0.092128273	-0.034843491	-0.049283644
-0.927972229	-0.096949484	-0.04184839	-0.048996435
-0.909995039	-0.103057894	-0.04612572	-0.04907535
-0.962073755	-0.105019878	-0.038123043	-0.071215629
-0.318700615	-0.088840836	-0.044955953	-0.04826796
-0.265451333	-0.143029686	-0.055989578	-0.05348954
-0.227869042	-0.110149008	-0.070829659	-0.039965694
-0.940637937	-0.088974767	-0.045470298	-0.048771473
-0.907471556	-0.092224986	-0.039910819	-0.042222134
-0.960583777	-0.102114125	-0.040444693	-0.070830969
-0.383139335	-0.087889109	-0.036230897	-0.053959728
-0.183900182	-0.065202449	-0.045770535	-0.057680005
-0.094079793	-0.025645223	-0.076808992	-0.037222865
-0.939681351	-0.093669352	-0.03339867	-0.046550431
-0.947782156	-0.103292534	-0.04288283	-0.050643219
-0.939141879	-0.111267285	-0.042410429	-0.071777474
-0.396013535	-0.1236542	-0.044776603	-0.049571309
-0.348980051	-0.085664087	-0.048221911	-0.072451748
-0.401051416	-0.059727351	-0.038190428	-0.078946934
-0.937021209	-0.093815563	-0.039644489	-0.045456627
-0.951630777	-0.090153966	-0.041279761	-0.054539002
-0.955294891	-0.105944243	-0.035889743	-0.067190179
-0.075444784	-0.135886431	-0.031488091	-0.052268397
0.337526477	-0.155445674	-0.027919577	-0.053409038
-0.129565243	-0.034928349	-0.053496969	-0.08679033
-0.959623548	-0.092315025	-0.040267377	-0.044573224
-0.974118322	-0.097757576	-0.048519068	-0.047848323
-0.967589755	-0.106445008	-0.03897352	-0.069412315
-0.265683521	-0.080920409	-0.035628343	-0.063340662
-0.138176481	-0.068468959	-0.030279745	-0.023632791
-0.27968515	-0.094591202	-0.059760833	-0.06780806
-0.930176834	-0.093070811	-0.046663441	-0.05284149
-0.939889737	-0.095897704	-0.041919957	-0.057574313
-0.96159537	-0.10384668	-0.027552257	-0.056949048

-0.174524869	-0.122709563	-0.051920498	-0.061126293
-0.320509332	-0.157212539	-0.037234852	-0.036502174
-0.035302184	-0.064376401	-0.048937805	-0.072041311
-0.960445962	-0.093155503	-0.041121654	-0.048941192
-0.9536811	-0.104753833	-0.0371593	-0.058416255
-0.971940597	-0.100308254	-0.038879792	-0.059074491
-0.434178203	-0.09182042	-0.051417255	-0.034267745
-0.694658852	-0.064524541	-0.071983469	-0.04607615
-0.318959595	-0.022091627	-0.052027299	-0.037304841
-0.952844312	-0.094842348	-0.039281305	-0.050539546
-0.980636665	-0.099519356	-0.039599214	-0.052473275
-0.959897433	-0.102297502	-0.041239143	-0.066695749
-0.350170287	-0.062238932	-0.049852605	-0.046733815
-0.349614606	-0.045563887	-0.033540657	-0.065316729
-0.337806681	-0.026466897	-0.06091772	-0.065323998
-0.951552533	-0.094102349	-0.038747747	-0.051563409
-0.950364758	-0.097638041	-0.040952083	-0.048286374
-0.950157442	-0.09904023	-0.041067531	-0.0678909
-0.363369948	-0.096659859	-0.031984927	-0.063669323
-0.211805112	-0.066481718	-0.045305195	-0.066165392
-0.322774083	-0.064719984	-0.066941408	-0.051202048
-0.966896414	-0.095919849	-0.041036688	-0.04661216
-0.973436596	-0.098119999	-0.041287258	-0.053926078
-0.967350514	-0.101835574	-0.0417744	-0.064877042
-0.1260908	-0.110656055	-0.043896953	-0.038882592
0.564875818	-0.128266668	-0.020774973	-0.013723762
0.356198597	-0.108620378	-0.074058981	-0.06159788
-0.952904384	-0.092161458	-0.04345773	-0.052012161
-0.946589135	-0.100718459	-0.045009679	-0.050903618
-0.952296965	-0.105446637	-0.03726774	-0.056617187
-0.486532655	-0.077669275	-0.055253657	-0.051097649
-0.477365945	-0.144485987	-0.036541916	-0.07672425
-0.250648086	-0.048253208	-0.04954155	-0.033921306
-0.963765803	-0.095364907	-0.039606877	-0.052414834
-0.968167046	-0.101358786	-0.043850749	-0.052278397
-0.956537052	-0.102266714	-0.041587897	-0.062433456
-0.365489531	-0.110917348	-0.043387684	-0.053298667
-0.36502517	-0.140908294	-0.02962113	-0.0354163
-0.444636335	-0.103904045	-0.056768663	-0.061213693
-0.960287831	-0.095720452	-0.045036928	-0.058837127
-0.982357006	-0.100107333	-0.042498224	-0.054433529
-0.984781485	-0.102209572	-0.034773533	-0.057679044
-0.386044435	-0.109959238	-0.037925133	-0.051380717
-0.234402351	-0.142655398	-0.041449633	-0.022348209
-0.468462984	-0.107770029	-0.038170237	-0.058251885
-0.979705226	-0.094247697	-0.04111342	-0.051090324
-0.985538363	-0.101289169	-0.040451875	-0.054633133
-0.976200771	-0.102049764	-0.036196114	-0.060492705
-0.511417205	-0.09664353	-0.043377113	-0.050263157
-0.433922212	-0.089995304	-0.052747261	-0.069253621
-0.483658261	-0.083656657	-0.050912026	-0.057059181
-0.981525495	-0.095472323	-0.039712559	-0.05230304
-0.972820403	-0.098717402	-0.040657341	-0.053238445
-0.985108386	-0.099715424	-0.039344019	-0.059313599
-0.104202986	-0.083235326	-0.030712844	-0.060309196

-0.110117175	-0.101806304	-0.034628846	-0.053354588
-0.031408346	-0.033742958	-0.03946126	-0.054556556
-0.965594976	-0.100986131	-0.042517022	-0.059080168
-0.960734258	-0.099046789	-0.042291853	-0.052376987
-0.973197524	-0.095601827	-0.03714766	-0.059916148
-0.165748467	-0.067999237	-0.051417576	-0.054927371
0.184119333	-0.148389169	-0.018981625	-0.051898545
0.15972353	-0.045250307	-0.05773715	-0.061531283
-0.945771803	-0.095997082	-0.040729924	-0.046583515
-0.907343325	-0.102049133	-0.04321524	-0.051815225
-0.972409894	-0.099503307	-0.038776298	-0.061002829
-0.311875599	-0.086876771	-0.051565026	-0.06211921
0.051715542	-0.144351493	-0.013202277	-0.006940664
-0.349759494	-0.072646185	-0.073595217	-0.078843647
-0.976972659	-0.101114775	-0.039148343	-0.052640988
-0.959327022	-0.103199796	-0.040430076	-0.053821174
-0.981345431	-0.096411838	-0.034627507	-0.060139866
-0.151439515	-0.132977562	-0.03219107	-0.056981246
-0.157758061	-0.148450081	-0.038131261	-0.067457055
-0.280417951	-0.090174453	-0.035517141	-0.048146016
-0.946501418	-0.098649316	-0.042340982	-0.051719399
-0.96058251	-0.097501347	-0.042099873	-0.051317925
-0.933251871	-0.100203935	-0.037608731	-0.070272357
-0.209634888	-0.057812824	-0.051670476	-0.090300252
-0.031730115	-0.109913094	-0.052394379	-0.092499853
-0.208702488	-0.117725824	-0.035289161	-0.029325502
-0.959718633	-0.096742219	-0.043460255	-0.048556109
-0.962389689	-0.098148105	-0.041677417	-0.054822628
-0.983920133	-0.102024923	-0.037244975	-0.062199163
-0.396154003	-0.062531168	-0.050289501	-0.073983552
-0.274596284	-0.146800846	-0.031735058	-0.049842723
-0.491077245	-0.091414501	-0.029176631	-0.041205541
-0.971277654	-0.095178266	-0.040616936	-0.051596655
-0.969958678	-0.099194772	-0.043173861	-0.051718038
-0.981701361	-0.10281381	-0.038232371	-0.062411697
-0.562775245	-0.102377269	-0.039898652	-0.051269622
-0.564195609	-0.126481161	-0.0281453	-0.054045222
-0.443780454	-0.127952445	-0.041520335	-0.064207812
-0.972637559	-0.095480138	-0.039165142	-0.049559564
-0.971814139	-0.100473698	-0.041829463	-0.055697906
-0.91092799	-0.101646999	-0.042671887	-0.059692215
-0.354549059	-0.099411456	-0.045653828	-0.049224055
-0.309088055	-0.09755902	-0.03862441	-0.059555839
-0.332050239	-0.099246528	-0.03726811	-0.051058741
-0.966441338	-0.095984817	-0.040307021	-0.04876272
-0.974891361	-0.100355997	-0.040901199	-0.053254195
-0.969302238	-0.100368641	-0.039668272	-0.071153336
-0.250120409	-0.078616351	-0.04769744	-0.065024755
-0.169960785	-0.093751871	-0.050923522	-0.062901372
-0.257846157	-0.051581475	-0.064202357	-0.06210437
-0.97571331	-0.095163581	-0.039641081	-0.050388356
-0.981281807	-0.098760508	-0.041747175	-0.051403919
-0.978375	-0.101147695	-0.036218616	-0.064279785
-0.242601385	-0.092974671	-0.051539445	-0.059355248
-0.189306813	-0.080568055	-0.049255213	-0.075261044

-0.307025006	-0.026649298	-0.057041087	-0.077617393
-0.956632803	-0.095393506	-0.040800779	-0.057901536
-0.925491443	-0.102248409	-0.043136466	-0.052589625
-0.962374912	-0.104511627	-0.035601005	-0.053450191
-0.430232441	-0.106888303	-0.047989812	-0.039236899
-0.374815141	-0.130429073	-0.051103512	-0.068093878
-0.311122615	-0.074398647	-0.067148231	-0.035964843
-0.971227992	-0.0953637	-0.040001843	-0.047000898
-0.983368643	-0.098870151	-0.040511058	-0.054492631
-0.974994619	-0.099533988	-0.03867683	-0.067446967
-0.182569652	-0.087383992	-0.061702887	-0.044600723
-0.21157358	-0.108414261	-0.014111335	-0.036415784
-0.295370363	-0.061595458	-0.049680764	-0.054359523
-0.955053201	-0.095270768	-0.040793059	-0.04882046
-0.930834684	-0.099716023	-0.04377597	-0.052030718
-0.968889156	-0.102277359	-0.038487587	-0.059573677



tBodyGyroJerk.std...X	tBodyGyroJerk.std...Y	tBodyGyroJerk.std...Z	tBodyAccMag.mean..
-0.207421855	-0.304468511	-0.404255453	-0.136971177
-0.614786508	-0.601696656	-0.606332002	-0.129927631
-0.487027342	-0.238824828	-0.26876148	0.027188291
-0.991731592	-0.989518069	-0.987935806	-0.948536786
-0.992945107	-0.995137917	-0.992108467	-0.984278207
-0.918608521	-0.967907244	-0.95779016	-0.841929153
-0.389549832	-0.634140436	-0.435492677	-0.290407594
-0.464854363	-0.645491338	-0.467595961	-0.10732268
-0.243940593	-0.469396701	-0.218266319	0.08995112
-0.989709023	-0.990889615	-0.985542326	-0.967893624
-0.979324001	-0.983447259	-0.973610118	-0.965875181
-0.993235849	-0.989567538	-0.988035821	-0.977435485
-0.385922986	-0.639087984	-0.53666408	-0.254690333
-0.507270758	-0.775774143	-0.573433948	-0.184014895
-0.285683162	-0.680947338	-0.374605412	-0.062812612
-0.972546906	-0.978635909	-0.973751671	-0.89538335
-0.940937642	-0.968433748	-0.958293012	-0.925430819
-0.980328645	-0.986762742	-0.98333828	-0.972791346
-0.492341067	-0.807419937	-0.640454133	-0.312050574
-0.533666804	-0.840722753	-0.556236585	-0.153703935
-0.395995494	-0.81685824	-0.325780074	-0.049161673
-0.969899731	-0.984441358	-0.968804832	-0.93569482
-0.949633879	-0.976065175	-0.957982019	-0.906478052
-0.975103204	-0.98685563	-0.98396536	-0.954557603
-0.357681403	-0.571438124	-0.157682544	-0.158338674
-0.305245202	-0.631822048	-0.282154378	0.043556202
-0.411302217	-0.514591487	-0.034421747	0.211138854
-0.966037012	-0.975433911	-0.964878513	-0.937978323
-0.941930044	-0.961177742	-0.944755343	-0.906104701
-0.983422258	-0.983759479	-0.989679592	-0.966777883
-0.182600934	-0.416390246	-0.166684422	-0.166840714
-0.186763294	-0.486494121	-0.170814791	0.017779097
0.039338796	-0.193508405	0.193206499	0.333754731
-0.943714805	-0.961780726	-0.958787671	-0.949543531
-0.946423593	-0.962422164	-0.962758177	-0.945022876
-0.939611608	-0.95862882	-0.959579072	-0.918878851
-0.211667297	-0.174136411	-0.458302971	-0.097809044
-0.616812659	-0.67124374	-0.682184176	-0.198074438
-0.510731018	-0.299520205	-0.425200372	0.019879529
-0.974369046	-0.981024681	-0.980954665	-0.918432107
-0.965983398	-0.976837757	-0.978166791	-0.942724659
-0.973837233	-0.976483727	-0.988871878	-0.936392024
-0.24608275	-0.4280557	-0.388446972	0.051678628
-0.405070692	-0.424675673	-0.430366659	0.121026629
-0.267887897	-0.070452651	-0.189604444	0.176599312
-0.993264647	-0.988876277	-0.985241405	-0.952139704
-0.981573086	-0.985508765	-0.989270901	-0.953762884
-0.969924077	-0.974186452	-0.987601204	-0.935308634
-0.526985309	-0.549200228	-0.457881494	-0.09808405
-0.660419534	-0.708604775	-0.657114201	-0.260727581
-0.509669314	-0.448602451	-0.417239551	0.145886358
-0.964532345	-0.971927447	-0.968738891	-0.893361718
-0.949105692	-0.97503653	-0.969726484	-0.945167482
-0.945329035	-0.962170242	-0.97707616	-0.930868438

-0.366063723	-0.509683328	-0.329079493	-0.127400912
-0.427291344	-0.604629058	-0.482244799	-0.026662329
-0.416986139	-0.471650978	-0.22713739	0.250843769
-0.992326657	-0.992584495	-0.990259813	-0.9607572
-0.950367548	-0.976445017	-0.969051031	-0.951988908
-0.965900578	-0.96662104	-0.983949303	-0.95678182
-0.541616397	-0.737993756	-0.551079943	-0.288323472
-0.660431336	-0.809459437	-0.777173389	-0.132594624
-0.534374948	-0.684593319	-0.480559153	0.126227657
-0.990501518	-0.98855482	-0.981016045	-0.961970764
-0.986690404	-0.995571631	-0.990663219	-0.984853837
-0.981724838	-0.990845725	-0.986549063	-0.98062118
-0.390807238	-0.581290691	-0.4806422	-0.10220455
-0.549999188	-0.761195613	-0.606412097	-0.229183927
-0.278608164	-0.517479109	-0.365232197	0.018313943
-0.977329927	-0.979347831	-0.977138954	-0.952176621
-0.955415642	-0.971195487	-0.97368939	-0.941459935
-0.967198203	-0.965900371	-0.96995393	-0.948204676
-0.216812065	-0.3577609	-0.341765824	-0.135643868
-0.631037584	-0.678805916	-0.550880347	-0.101153502
-0.463736674	-0.259163248	-0.367089486	-0.02946343
-0.991371017	-0.99177335	-0.989861382	-0.957690564
-0.978465125	-0.980982661	-0.985177043	-0.971564243
-0.981404743	-0.978854747	-0.989801549	-0.960517768
-0.571759912	-0.536737702	-0.497187688	-0.144404672
-0.646611034	-0.371479721	-0.359816627	0.140108204
-0.537002098	-0.28431802	0.091385755	0.185537707
-0.99028424	-0.986911324	-0.982819139	-0.944197944
-0.969948875	-0.970692956	-0.974687866	-0.943456847
-0.970274963	-0.968042894	-0.979711373	-0.90597825
-0.283767987	-0.702402936	-0.591668608	-0.186514651
-0.52553395	-0.763053512	-0.657907649	-0.000971395
-0.455980756	-0.574964116	-0.394542241	0.320449387
-0.992889043	-0.990313308	-0.987937203	-0.958669836
-0.971514312	-0.988107414	-0.981293118	-0.961207616
-0.973923951	-0.980482834	-0.980112733	-0.955340662
-0.675889723	-0.712237753	-0.571264779	-0.258766694
-0.707264169	-0.774719066	-0.717101022	-0.233990332
-0.623676024	-0.583421785	-0.540633469	0.191079794
-0.989583279	-0.990621793	-0.988364321	-0.961879681
-0.987102323	-0.992589441	-0.992698523	-0.969948825
-0.985835459	-0.989046576	-0.994465158	-0.961834635
-0.431296148	-0.560203489	-0.524422887	-0.151151488
-0.606044344	-0.676722848	-0.610586202	-0.012806228
-0.526801825	-0.572144734	-0.542770647	0.148951104
-0.995255937	-0.994981881	-0.993841258	-0.972747346
-0.989257196	-0.993699909	-0.992327099	-0.977635981
-0.980792372	-0.983135597	-0.988221713	-0.953021411
-0.578133968	-0.694925789	-0.663259579	-0.287908078
-0.760689029	-0.828872171	-0.718951758	-0.279146313
-0.676716182	-0.752608622	-0.605655411	-0.293531974
-0.994170191	-0.994224162	-0.992814325	-0.983674152
-0.981970966	-0.991151973	-0.986259016	-0.972607495
-0.996104441	-0.990547639	-0.992548102	-0.986456242
0.080118652	-0.291594828	-0.213494065	0.064817344

-0.239376411	-0.492122219	-0.375414983	0.017381193
0.17914865	-0.01462992	0.11664617	0.644604325
-0.988464753	-0.987465915	-0.98531069	-0.962074066
-0.975126687	-0.988096672	-0.983453911	-0.960505684
-0.976105663	-0.984607729	-0.986958364	-0.966260807
-0.253227445	-0.127554091	-0.227044327	0.039402281
-0.471107678	-0.393988624	-0.25386709	0.008725025
-0.249235099	-0.334568788	0.003078546	0.221851588
-0.977414911	-0.979684097	-0.979742084	-0.952738043
-0.92164424	-0.947633071	-0.948669855	-0.922406857
-0.989283577	-0.981540062	-0.986670534	-0.960743126
-0.238908311	-0.48285431	-0.494927657	-0.123455662
-0.573541839	-0.604469604	-0.564149245	-0.081045319
-0.54964832	-0.442426841	-0.428337693	0.245771699
-0.989472968	-0.989722664	-0.987954515	-0.974734999
-0.971866495	-0.976815894	-0.975427259	-0.958774298
-0.984643717	-0.981998498	-0.988749496	-0.952596583
-0.226656402	-0.651875469	-0.234278151	0.072241912
-0.396699215	-0.704255415	-0.515697759	0.210282608
-0.264848048	-0.640280071	-0.358762129	0.330999222
-0.98567125	-0.980275619	-0.979544105	-0.942167354
-0.949716029	-0.984900134	-0.979753572	-0.954807661
-0.972092603	-0.980484171	-0.978636302	-0.934993799
-0.363969435	0.295945926	-0.374456768	-0.09887702
-0.548318882	-0.493514122	-0.543765426	-0.011753687
-0.3230157	0.146650122	-0.36786964	0.127211138
-0.987084634	-0.980727445	-0.988130142	-0.944080773
-0.972770702	-0.972509523	-0.984654516	-0.957212267
-0.98502785	-0.979427763	-0.994908985	-0.962959197
-0.490773456	-0.51424657	-0.557968203	-0.299983614
-0.640489538	-0.646644374	-0.648975331	-0.226402822
-0.35844455	-0.519326735	-0.478690941	-0.073769916
-0.991442008	-0.989780811	-0.98985016	-0.968979156
-0.975856809	-0.981983572	-0.983276883	-0.950061018
-0.979865721	-0.978091313	-0.992381596	-0.971854043
-0.507957094	-0.799635384	-0.659576163	-0.40528943
-0.693854902	-0.839699143	-0.746268283	-0.305772199
-0.430134388	-0.810444542	-0.599481998	-0.220108595
-0.992304654	-0.991315768	-0.991491388	-0.970409337
-0.977909694	-0.98724214	-0.980722294	-0.972663592
-0.957381145	-0.971564323	-0.974242255	-0.560477776
-0.417438636	-0.587000111	-0.485543002	-0.223399172
-0.515829417	-0.725210291	-0.556390218	-0.142874499
-0.170842677	-0.547198438	-0.358951638	0.114379384
-0.995882512	-0.993139834	-0.991929789	-0.953079994
-0.978472409	-0.98976699	-0.985992503	-0.968511694
-0.992665155	-0.989063342	-0.993759842	-0.976785042
-0.523256879	-0.634105503	-0.426346963	-0.238853875
-0.695774948	-0.711148438	-0.676876469	-0.160589356
-0.493837613	-0.459459296	-0.307268262	0.108071383
-0.993640318	-0.992226442	-0.991766788	-0.979481669
-0.98264245	-0.990798008	-0.988970358	-0.972753287
-0.993503721	-0.993025877	-0.993296721	-0.982091652
-0.399417083	-0.639018554	-0.440927899	-0.18066602
-0.494282914	-0.690571102	-0.603568264	-0.186240504

-0.163944897	-0.424567878	-0.336212734	0.104359217
-0.982155663	-0.980713869	-0.971001691	-0.955789709
-0.928343398	-0.972977007	-0.956497164	-0.925471652
-0.960802949	-0.980399782	-0.981418916	-0.95811223
-0.395909622	-0.587944298	-0.504130089	-0.095521339
-0.474932606	-0.734225192	-0.558417024	0.008343603
-0.347807557	-0.693469036	-0.379769406	0.103705166
-0.99332203	-0.995319165	-0.992833768	-0.978017022
-0.983293062	-0.995533113	-0.990685705	-0.984745319
-0.996542541	-0.997081576	-0.995380795	-0.986493197
-0.460345386	-0.497621802	-0.476208796	-0.195140033
-0.74274953	-0.743336958	-0.665150619	-0.137627857
-0.542764507	-0.613796303	-0.498882854	-0.037390112
-0.993868545	-0.992491323	-0.988124496	-0.957487221
-0.960119074	-0.968135006	-0.970845671	-0.930573575
-0.983775834	-0.980357062	-0.980768875	-0.969829984

tBodyAccMag.std..	tGravityAccMag.mean..	tGravityAccMag.std..	tBodyAccJerkMag.mean..
-0.219688646	-0.136971177	-0.219688646	-0.141428809
-0.324970929	-0.129927631	-0.324970929	-0.466503446
0.019884351	0.027188291	0.019884351	-0.089447481
-0.927078419	-0.948536786	-0.927078419	-0.987364196
-0.981942929	-0.984278207	-0.981942929	-0.992367791
-0.795144864	-0.841929153	-0.795144864	-0.954396265
-0.422544169	-0.290407594	-0.422544169	-0.281424154
-0.205977045	-0.10732268	-0.205977045	-0.321268911
0.215586335	0.08995112	0.215586335	0.005655163
-0.953081444	-0.967893624	-0.953081444	-0.986774713
-0.957874965	-0.965875181	-0.957874965	-0.980489077
-0.972873913	-0.977435485	-0.972873913	-0.987741696
-0.328428937	-0.254690333	-0.328428937	-0.280009317
-0.333597433	-0.184014895	-0.333597433	-0.436901159
-0.041134008	-0.062812612	-0.041134008	-0.205239247
-0.8703017	-0.89538335	-0.8703017	-0.969080753
-0.915143304	-0.925430819	-0.915143304	-0.95930384
-0.964218176	-0.972791346	-0.964218176	-0.979484593
-0.527679103	-0.312050574	-0.527679103	-0.36670088
-0.2120123	-0.153703935	-0.2120123	-0.400922255
-0.081955904	-0.049161673	-0.081955904	-0.228851414
-0.914407845	-0.93569482	-0.914407845	-0.970132284
-0.890976683	-0.906478052	-0.890976683	-0.963370738
-0.931292217	-0.954557603	-0.931292217	-0.970095772
-0.377178733	-0.158338674	-0.377178733	-0.288333024
-0.136736384	0.043556202	-0.136736384	-0.247403477
0.205422376	0.211138854	0.205422376	-0.063752856
-0.920939028	-0.937978323	-0.920939028	-0.969320156
-0.879773801	-0.906104701	-0.879773801	-0.956863566
-0.958612786	-0.966777883	-0.958612786	-0.980141254
-0.266734167	-0.166840714	-0.266734167	-0.195117026
-0.079150884	0.017779097	-0.079150884	-0.207379799
0.373611914	0.333754731	0.373611914	0.103845072
-0.931572656	-0.949543531	-0.931572656	-0.962733502
-0.93931025	-0.945022876	-0.93931025	-0.967102436
-0.897326246	-0.918878851	-0.897326246	-0.954750505
-0.198554708	-0.097809044	-0.198554708	-0.1929489
-0.334744607	-0.198074438	-0.334744607	-0.458695232
0.214544028	0.019879529	0.214544028	-0.170319619
-0.88195762	-0.918432107	-0.88195762	-0.976559676
-0.933590157	-0.942724659	-0.933590157	-0.973381306
-0.907039513	-0.936392024	-0.907039513	-0.98012724
-0.180407283	0.051678628	-0.180407283	-0.066832243
-0.227200254	0.121026629	-0.227200254	-0.141494613
0.131337867	0.176599312	0.131337867	0.26262849
-0.929943616	-0.952139704	-0.929943616	-0.986061512
-0.937187185	-0.953762884	-0.937187185	-0.984920798
-0.91325033	-0.935308634	-0.91325033	-0.97314749
-0.37942877	-0.09808405	-0.37942877	-0.203733616
-0.400222037	-0.260727581	-0.400222037	-0.44066754
0.265120131	0.145886358	0.265120131	-0.162376089
-0.863756434	-0.893361718	-0.863756434	-0.964383757
-0.93610501	-0.945167482	-0.93610501	-0.969524579
-0.9151268	-0.930868438	-0.9151268	-0.963374549

-0.185602396	-0.127400912	-0.185602396	-0.132624992
-0.21153748	-0.026662329	-0.21153748	-0.262038042
0.156998205	0.250843769	0.156998205	0.050701023
-0.939669591	-0.9607572	-0.939669591	-0.988054238
-0.937264538	-0.951988908	-0.937264538	-0.965163818
-0.940301654	-0.95678182	-0.940301654	-0.976234435
-0.487735915	-0.288323472	-0.487735915	-0.402333202
-0.289592148	-0.132594624	-0.289592148	-0.509587701
0.050774365	0.126227657	0.050774365	-0.19820614
-0.944581826	-0.961970764	-0.944581826	-0.979355635
-0.980305369	-0.984853837	-0.980305369	-0.989242377
-0.972891829	-0.98062118	-0.972891829	-0.983330628
-0.236972869	-0.10220455	-0.236972869	-0.144064923
-0.285844036	-0.229183927	-0.285844036	-0.432469301
0.097260827	0.018313943	0.097260827	-0.10709102
-0.9475171	-0.952176621	-0.9475171	-0.97473449
-0.935232945	-0.941459935	-0.935232945	-0.968790683
-0.936542687	-0.948204676	-0.936542687	-0.969843834
-0.292546377	-0.135643868	-0.292546377	-0.133205035
-0.326339622	-0.101153502	-0.326339622	-0.456190454
-0.01560982	-0.02946343	-0.01560982	-0.127926052
-0.937935739	-0.957690564	-0.937935739	-0.989497839
-0.968519674	-0.971564243	-0.968519674	-0.986800028
-0.947944747	-0.960517768	-0.947944747	-0.985467854
-0.363805628	-0.144404672	-0.363805628	-0.377293155
-0.019768669	0.140108204	-0.019768669	-0.283663836
0.428405923	0.185537707	0.428405923	0.035360138
-0.92549583	-0.944197944	-0.92549583	-0.976521006
-0.936735577	-0.943456847	-0.936735577	-0.972965788
-0.856593119	-0.90597825	-0.856593119	-0.972576393
-0.323878324	-0.186514651	-0.323878324	-0.320129323
-0.136552217	-0.000971395	-0.136552217	-0.316050382
0.353204008	0.320449387	0.353204008	-0.037266607
-0.937977906	-0.958669836	-0.937977906	-0.986107839
-0.948600433	-0.961207616	-0.948600433	-0.981495126
-0.943314108	-0.955340662	-0.943314108	-0.979890228
-0.471809267	-0.258766694	-0.471809267	-0.363144484
-0.33479508	-0.233990332	-0.33479508	-0.48321905
0.119183741	0.191079794	0.119183741	-0.165908811
-0.941051236	-0.961879681	-0.941051236	-0.987472699
-0.957294494	-0.969948825	-0.957294494	-0.989205232
-0.957895928	-0.961834635	-0.957895928	-0.988349657
-0.461837867	-0.151151488	-0.461837867	-0.301093269
-0.10287773	-0.012806228	-0.10287773	-0.357233898
0.091407676	0.148951104	0.091407676	-0.221631694
-0.965065191	-0.972747346	-0.965065191	-0.992814715
-0.97537731	-0.977635981	-0.97537731	-0.991742754
-0.948257994	-0.953021411	-0.948257994	-0.981607628
-0.460346465	-0.287908078	-0.460346465	-0.379269262
-0.37184157	-0.279146313	-0.37184157	-0.601463948
-0.229934247	-0.293531974	-0.229934247	-0.466516044
-0.981595286	-0.983674152	-0.981595286	-0.989869575
-0.972285545	-0.972607495	-0.972285545	-0.985965294
-0.986464543	-0.986456242	-0.986464543	-0.98832154
-0.099392717	0.064817344	-0.099392717	0.10945099

-0.177666828	0.017381193	-0.177666828	-0.114189606
0.413472377	0.644604325	0.413472377	0.434490401
-0.951755657	-0.962074066	-0.951755657	-0.986423976
-0.962549342	-0.960505684	-0.962549342	-0.983068924
-0.963193489	-0.966260807	-0.963193489	-0.98478434
-0.156930392	0.039402281	-0.156930392	-0.04293593
-0.198269719	0.008725025	-0.198269719	-0.255611242
0.172636361	0.221851588	0.172636361	-0.061269984
-0.937764028	-0.952738043	-0.937764028	-0.978774578
-0.910672095	-0.922406857	-0.910672095	-0.956624899
-0.939489445	-0.960743126	-0.939489445	-0.984670074
-0.299709752	-0.123455662	-0.299709752	-0.148138992
-0.278474284	-0.081045319	-0.278474284	-0.355047694
0.264341904	0.245771699	0.264341904	-0.08022418
-0.971994251	-0.974734999	-0.971994251	-0.985947225
-0.956919898	-0.958774298	-0.956919898	-0.974765162
-0.942186431	-0.952596583	-0.942186431	-0.982800331
-0.161591787	0.072241912	-0.161591787	0.022919967
-0.158757475	0.210282608	-0.158757475	-0.095784034
0.133267479	0.330999222	0.133267479	-0.017978463
-0.924336184	-0.942167354	-0.924336184	-0.979303714
-0.939866315	-0.954807661	-0.939866315	-0.975876007
-0.909407761	-0.934993799	-0.909407761	-0.971169779
-0.209989355	-0.09887702	-0.209989355	-0.067081966
-0.271893714	-0.011753687	-0.271893714	-0.311143885
0.230363964	0.127211138	0.230363964	0.112982476
-0.924963263	-0.944080773	-0.924963263	-0.982375503
-0.951669858	-0.957212267	-0.951669858	-0.978671485
-0.957871991	-0.962959197	-0.957871991	-0.987010197
-0.481064019	-0.299983614	-0.481064019	-0.399722201
-0.30685447	-0.226402822	-0.30685447	-0.488487621
-0.022483912	-0.073769916	-0.022483912	-0.263106945
-0.963779683	-0.968979156	-0.963779683	-0.985555822
-0.947901012	-0.950061018	-0.947901012	-0.977620954
-0.969354834	-0.971854043	-0.969354834	-0.985529271
-0.565601466	-0.40528943	-0.565601466	-0.538291425
-0.48000665	-0.305772199	-0.48000665	-0.679160844
-0.25946525	-0.220108595	-0.25946525	-0.500483331
-0.960003414	-0.970409337	-0.960003414	-0.989545142
-0.968075629	-0.972663592	-0.968075629	-0.984647071
-0.649254768	-0.560477776	-0.649254768	-0.962161356
-0.421848314	-0.223399172	-0.421848314	-0.290758025
-0.150707107	-0.142874499	-0.150707107	-0.404463896
0.147001679	0.114379384	0.147001679	-0.148856266
-0.933602783	-0.953079994	-0.933602783	-0.990898436
-0.962697299	-0.968511694	-0.962697299	-0.986985214
-0.96435519	-0.976785042	-0.96435519	-0.989970604
-0.407355787	-0.238853875	-0.407355787	-0.230500549
-0.379948786	-0.160589356	-0.379948786	-0.479067422
0.121176278	0.108071383	0.121176278	-0.115421211
-0.969526675	-0.979481669	-0.969526675	-0.989467178
-0.966360115	-0.972753287	-0.966360115	-0.98534762
-0.978920176	-0.982091652	-0.978920176	-0.988372774
-0.39269402	-0.18066602	-0.39269402	-0.299223359
-0.211928666	-0.186240504	-0.211928666	-0.388086248

0.135465564	0.104359217	0.135465564	-0.070756028
-0.947782703	-0.955789709	-0.947782703	-0.973274367
-0.917658334	-0.925471652	-0.917658334	-0.959551987
-0.95457403	-0.95811223	-0.95457403	-0.978455342
-0.262695064	-0.095521339	-0.262695064	-0.240231677
-0.041469605	0.008343603	-0.041469605	-0.344324833
0.13448115	0.103705166	0.13448115	-0.138637624
-0.969290317	-0.978017022	-0.969290317	-0.990719808
-0.981745713	-0.984745319	-0.981745713	-0.99078542
-0.981572148	-0.986493197	-0.981572148	-0.992725368
-0.359873412	-0.195140033	-0.359873412	-0.352111714
-0.327410816	-0.137627857	-0.327410816	-0.5966001
-0.013577121	-0.037390112	-0.013577121	-0.293738802
-0.942901467	-0.957487221	-0.942901467	-0.987799056
-0.916570441	-0.930573575	-0.916570441	-0.97122519
-0.960167907	-0.969829984	-0.960167907	-0.97923282



tBodyAccJerkMag.std..	tBodyGyroMag.mean..	tBodyGyroMag.std..	tBodyGyroJerkMag.mean..
-0.07447175	-0.160979553	-0.186978365	-0.298703679
-0.478991622	-0.12673559	-0.148619318	-0.594882865
-0.02578772	-0.075741254	-0.225724368	-0.295463843
-0.984120024	-0.93089249	-0.93453184	-0.991976341
-0.993096209	-0.976493793	-0.978690029	-0.994966791
-0.928245628	-0.874759548	-0.81901017	-0.96346103
-0.164150985	-0.446549093	-0.553019916	-0.54791195
-0.217389395	-0.219713473	-0.377532168	-0.572816439
0.229617185	-0.162188587	-0.274844111	-0.410872671
-0.984475868	-0.946035087	-0.961313624	-0.991081494
-0.97667528	-0.963466342	-0.95394338	-0.983951904
-0.985518076	-0.95001157	-0.961164054	-0.991767074
-0.139916355	-0.466411754	-0.561510683	-0.566135218
-0.439020592	-0.347321812	-0.408886653	-0.658861401
-0.092632449	-0.215294501	-0.245794699	-0.508567577
-0.966550084	-0.919354372	-0.925518104	-0.977998052
-0.948770043	-0.892089349	-0.882125221	-0.96233934
-0.976121298	-0.951564751	-0.954275111	-0.986713625
-0.316918956	-0.497792201	-0.553116111	-0.681304037
-0.437261478	-0.299779408	-0.510974134	-0.686978374
-0.216858922	-0.346606293	-0.380572625	-0.592843015
-0.96254911	-0.926063314	-0.928898293	-0.980490462
-0.958159482	-0.900982101	-0.885144318	-0.967614074
-0.960786431	-0.930236463	-0.947031782	-0.985068502
-0.282242277	-0.355933084	-0.492176824	-0.444532485
-0.310186546	-0.235516929	-0.35468787	-0.473488168
-0.029257051	-0.218029835	-0.360678305	-0.397195621
-0.965757732	-0.934301647	-0.93141481	-0.973848287
-0.942962048	-0.900671631	-0.867041712	-0.958405901
-0.977477145	-0.946938301	-0.958287922	-0.986419423
-0.070602965	-0.281207841	-0.365602917	-0.321290483
-0.169970363	-0.129121244	-0.19989371	-0.342895368
0.209502174	0.014267782	-0.042627675	-0.082936685
-0.948181828	-0.932703812	-0.921259473	-0.962929228
-0.956099146	-0.939404744	-0.915891573	-0.963406223
-0.950341934	-0.908980175	-0.920914497	-0.955645738
-0.027557329	-0.305959351	-0.198283167	-0.30002278
-0.471265711	-0.239099166	-0.418144852	-0.661969772
0.090183628	-0.188740819	-0.259751603	-0.399229959
-0.970243274	-0.897870535	-0.898063314	-0.981665122
-0.968566356	-0.943425565	-0.918438959	-0.977377083
-0.967310932	-0.915793635	-0.918662459	-0.983008829
-0.184571054	-0.003102438	-0.238746704	-0.33912927
-0.228296364	0.166447991	-0.109327924	-0.400664014
0.253408256	0.099342974	-0.046629187	-0.126189143
-0.980667377	-0.932682243	-0.953001632	-0.991807428
-0.979932239	-0.952848497	-0.95322479	-0.987580588
-0.962954517	-0.924253349	-0.932470764	-0.978438191
-0.317113487	-0.294542267	-0.489725812	-0.510253996
-0.445485398	-0.083323449	-0.425839761	-0.672840562
0.039907819	-0.168921401	-0.322331465	-0.469028434
-0.951780243	-0.903235537	-0.906606321	-0.973364137
-0.963764178	-0.921030223	-0.908291403	-0.969824044
-0.955026805	-0.9071251	-0.898557874	-0.964524819

0.037608338	-0.15645873	-0.402025136	-0.440363637
-0.226010198	0.043857385	-0.113062674	-0.523462969
0.110877231	-0.023846804	-0.280382851	-0.401854311
-0.985209856	-0.944202044	-0.963064578	-0.993707488
-0.952058215	-0.92978726	-0.92048681	-0.971637662
-0.967556981	-0.937590999	-0.927471166	-0.970830849
-0.403141285	-0.421801674	-0.558362783	-0.630732706
-0.490485807	-0.255048337	-0.377909862	-0.757314814
-0.127017223	-0.19788336	-0.339349828	-0.599294761
-0.974511727	-0.951884472	-0.959964488	-0.989519031
-0.988853961	-0.979978011	-0.977071437	-0.993428184
-0.976504859	-0.952523752	-0.954713183	-0.990641248
-0.02028505	-0.355930365	-0.413208341	-0.517493775
-0.329827968	-0.316561586	-0.525686949	-0.674972132
0.065578127	-0.213351511	-0.320458626	-0.442831079
-0.972745893	-0.941907241	-0.946769242	-0.980392338
-0.962678857	-0.888101373	-0.852271618	-0.969289974
-0.962580915	-0.930840594	-0.935725716	-0.971067769
-0.131788529	-0.218669558	-0.253240072	-0.30350821
-0.451225931	-0.237182958	-0.415658606	-0.631964902
-0.043395984	-0.102114481	-0.236762631	-0.323552439
-0.988813098	-0.951142644	-0.963940591	-0.992604304
-0.981865617	-0.957825372	-0.944980198	-0.983637635
-0.980066243	-0.944303112	-0.944687481	-0.985446265
-0.439746918	-0.137208742	-0.201401931	-0.519895047
-0.337086267	0.365779419	0.29997598	-0.39992195
0.194708839	0.166340012	-0.066514457	-0.275120883
-0.973343389	-0.942756369	-0.947081158	-0.988317607
-0.970437183	-0.943530017	-0.931426204	-0.974873328
-0.966450909	-0.904665418	-0.913433186	-0.975621183
-0.310071425	-0.243711124	-0.425798469	-0.543979501
-0.313363553	-0.201217274	-0.288429009	-0.663637118
0.159631711	-0.121686321	-0.284249712	-0.509466648
-0.984639018	-0.957331628	-0.963475075	-0.992188894
-0.979994801	-0.946961381	-0.931286779	-0.984407078
-0.973644463	-0.944605127	-0.924043008	-0.983235025
-0.403386564	-0.485931933	-0.665078404	-0.671541834
-0.49306713	-0.308260568	-0.518189646	-0.737705162
-0.078349888	-0.309820427	-0.422315317	-0.590896636
-0.983615334	-0.946417382	-0.937942405	-0.992444606
-0.986761551	-0.972528178	-0.964105768	-0.992848576
-0.987891004	-0.9517771	-0.959020036	-0.990839526
-0.275672786	-0.335009837	-0.522494764	-0.517167441
-0.39091245	-0.235191249	-0.44083726	-0.637367491
-0.206576684	-0.232641763	-0.352687281	-0.540325788
-0.991446499	-0.967177744	-0.975410255	-0.996334795
-0.990363248	-0.978184577	-0.977680837	-0.993672974
-0.980126745	-0.960733122	-0.959325499	-0.985542411
-0.425418661	-0.500471148	-0.608510091	-0.636485897
-0.57933032	-0.3691086	-0.528058134	-0.781652689
-0.382517333	-0.381022815	-0.507995478	-0.701663074
-0.991159351	-0.977634992	-0.981372676	-0.99487344
-0.986015286	-0.963006793	-0.959797118	-0.988685955
-0.989526278	-0.980740847	-0.980560878	-0.993095123
0.035655879	0.100045071	-0.021846317	-0.164699978

-0.284060693	-0.061615771	-0.264401443	-0.372790527
0.450612066	0.418004609	0.237821232	0.087581662
-0.984205185	-0.942229044	-0.950491808	-0.989450317
-0.979640838	-0.941745041	-0.937951032	-0.985801638
-0.980668288	-0.953263433	-0.955906647	-0.985342498
0.021076572	0.068627515	-0.036785319	-0.194893253
-0.23944437	0.022330254	-0.253929986	-0.371928416
0.046718584	0.093841944	-0.030576244	-0.268183424
-0.972537872	-0.939574436	-0.94106991	-0.983010276
-0.938454372	-0.883675029	-0.84368341	-0.947936501
-0.980161687	-0.960447373	-0.962153598	-0.986749501
-0.083848797	-0.284775645	-0.408304434	-0.426930725
-0.404183876	-0.168982721	-0.420236003	-0.577935643
0.09523394	-0.18485002	-0.388420329	-0.452828682
-0.986520865	-0.964971114	-0.971225062	-0.99030735
-0.971606515	-0.949837152	-0.945614402	-0.976857084
-0.978552619	-0.94927889	-0.949289148	-0.985915907
0.111532925	-0.210608044	-0.390775684	-0.461999529
-0.087650161	-0.128031924	-0.202558177	-0.568111869
-0.033764098	-0.16133331	-0.263921984	-0.459579671
-0.968576777	-0.942077433	-0.933268487	-0.985476035
-0.958825095	-0.931624304	-0.900776556	-0.978603529
-0.959849822	-0.926616373	-0.923911566	-0.981716936
-0.026819436	-0.012096826	0.163346452	0.011530541
-0.362708849	-0.156527149	-0.366732989	-0.504367151
0.2920872	0.039091548	0.05399729	-0.046311777
-0.973668776	-0.936593427	-0.937006097	-0.986514066
-0.974811528	-0.938430293	-0.923796566	-0.976399253
-0.986685652	-0.949418001	-0.957227586	-0.984557479
-0.409824563	-0.403064157	-0.563863213	-0.507824746
-0.44106869	-0.33443584	-0.50392906	-0.658751629
-0.14350197	-0.304965806	-0.363694877	-0.497152238
-0.985418456	-0.964633252	-0.969257163	-0.991306425
-0.973108343	-0.954518594	-0.953104779	-0.982387269
-0.983605927	-0.953791513	-0.957829935	-0.982780874
-0.542870063	-0.394362401	-0.489809386	-0.678466069
-0.67451306	-0.3186347	-0.387754116	-0.777106027
-0.48297693	-0.216082566	-0.382160921	-0.664713625
-0.988311805	-0.966568719	-0.970639126	-0.99286465
-0.982637081	-0.967077443	-0.959884274	-0.985091991
-0.961931605	-0.809688545	-0.85601737	-0.969783262
-0.279350754	-0.392092024	-0.538329286	-0.512398826
-0.334531345	-0.344427048	-0.51403241	-0.64809985
-0.111303956	-0.235314623	-0.296158292	-0.41877981
-0.989986112	-0.954052946	-0.964742022	-0.994466446
-0.982626253	-0.968673956	-0.962653586	-0.988544825
-0.989101949	-0.951863595	-0.965676822	-0.99219798
-0.26613894	-0.396638754	-0.482452356	-0.562587199
-0.464610567	-0.28614572	-0.501775426	-0.699895091
-0.038636742	-0.164783207	-0.30795209	-0.440546586
-0.98920054	-0.963565474	-0.970782133	-0.994034711
-0.98415909	-0.968702957	-0.965693334	-0.989532104
-0.988586771	-0.966917594	-0.971915733	-0.994355044
-0.390449724	-0.310775946	-0.460511661	-0.546248759
-0.325362338	-0.263415283	-0.476923345	-0.620279798

-0.041887261	-0.068246324	-0.224484145	-0.340417306
-0.970301646	-0.955175567	-0.951065984	-0.981213159
-0.954068392	-0.89424247	-0.876917546	-0.959681019
-0.973312648	-0.937106921	-0.928940913	-0.978220271
-0.133036274	-0.280573268	-0.358814097	-0.506242118
-0.254485176	0.043962768	-0.080047615	-0.617340803
-0.030769337	-0.122968109	-0.267409798	-0.539174456
-0.990531729	-0.962377332	-0.971578025	-0.995392308
-0.99049569	-0.98065734	-0.975358665	-0.992144699
-0.994646917	-0.971923623	-0.977040093	-0.997322527
-0.353751021	-0.02296408	-0.266845731	-0.47206873
-0.561837706	-0.113608367	-0.169293534	-0.718780257
-0.125283185	-0.095537321	-0.208267542	-0.574337006
-0.98605764	-0.955847324	-0.960641288	-0.993737388
-0.950762271	-0.913890565	-0.887247637	-0.972995274
-0.96964229	-0.962284921	-0.951264441	-0.985086413

tBodyGyroJerkMag.std..	fBodyAcc.mean...X	fBodyAcc.mean...Y	fBodyAcc.mean...Z	fBodyAcc.std...X
-0.325324879	-0.202794306	0.089712726	-0.331560118	-0.31913472
-0.648553044	-0.404321784	-0.190976721	-0.433349702	-0.337428189
-0.306510646	0.038229183	0.001549908	-0.225574472	0.024330839
-0.988308729	-0.979641239	-0.94408455	-0.959184889	-0.976412313
-0.994733239	-0.995249933	-0.977070848	-0.985297099	-0.996028345
-0.935840983	-0.939099052	-0.867065205	-0.882666876	-0.924437435
-0.557798151	-0.346048161	-0.02190481	-0.45380637	-0.457651384
-0.597291719	-0.266720933	0.009924459	-0.281001986	-0.320582414
-0.343187875	0.11284116	0.278345042	-0.131290772	0.01610462
-0.98959492	-0.985803841	-0.957343498	-0.970162173	-0.98736209
-0.977204428	-0.98394674	-0.959871697	-0.962471196	-0.98905647
-0.989718095	-0.97672506	-0.979800878	-0.984380982	-0.973246482
-0.567371561	-0.316614012	-0.081302435	-0.412374074	-0.379276781
-0.71802804	-0.392004211	-0.078809416	-0.504494528	-0.285333024
-0.583919211	-0.042170694	-0.007700483	-0.404452414	-0.065441719
-0.976772676	-0.970154441	-0.891907751	-0.917987925	-0.971605878
-0.957679767	-0.96012341	-0.908075354	-0.939507735	-0.969931287
-0.983139256	-0.980665609	-0.961169983	-0.968332142	-0.983691129
-0.730146369	-0.42671945	-0.149399633	-0.631005471	-0.44723493
-0.755270458	-0.29448827	-0.117109161	-0.524655723	-0.173217219
-0.637079544	-0.072239228	-0.129606639	-0.494683452	0.039009826
-0.97580669	-0.977462498	-0.905782932	-0.951783743	-0.981908189
-0.964282784	-0.97349755	-0.889549205	-0.931643421	-0.978737638
-0.982698214	-0.958802078	-0.938883374	-0.967504279	-0.952464881
-0.489199746	-0.287782607	0.009460378	-0.490251091	-0.297517355
-0.557988066	-0.16148534	0.072890316	-0.457470677	-0.004738197
-0.450303212	0.098432009	0.079228069	-0.37474009	0.336554725
-0.97039261	-0.977450812	-0.921434736	-0.946064217	-0.982590843
-0.947970724	-0.964500917	-0.890796361	-0.915083799	-0.970668409
-0.98377138	-0.968741678	-0.965419521	-0.977007725	-0.964953894
-0.364708342	-0.187934323	0.140781622	-0.498520164	-0.34522769
-0.440079851	-0.131075373	0.09780351	-0.4272481	-0.021133563
-0.111228416	0.328308506	0.339771174	-0.277602591	0.403369767
-0.950150572	-0.975351455	-0.928264365	-0.935798115	-0.982451285
-0.952536234	-0.977100287	-0.930336472	-0.942864017	-0.984067374
-0.953157002	-0.939114254	-0.923706791	-0.938044912	-0.932462941
-0.095340116	-0.343048406	-0.06415642	0.038583225	-0.322034908
-0.676428073	-0.336199426	-0.381590523	-0.317461021	-0.279870086
-0.294778677	0.044342832	-0.145302311	-0.139216222	0.07301108
-0.97621443	-0.972697127	-0.931490634	-0.904675338	-0.972879966
-0.97210793	-0.976681834	-0.941883784	-0.93855052	-0.980541336
-0.971205138	-0.953424246	-0.942193954	-0.958611645	-0.931120581
-0.502957255	-0.247389012	0.316982393	-0.238634595	-0.148386859
-0.493975032	-0.166411065	0.2634314	-0.072949694	-0.17528499
-0.157484867	0.1365902	0.38841278	0.159589757	-0.026046326
-0.986756671	-0.98114291	-0.944219718	-0.959436276	-0.978256731
-0.982460332	-0.988219862	-0.9500491	-0.950362936	-0.98918375
-0.969029112	-0.953538564	-0.951816664	-0.944269514	-0.940125298
-0.599866473	-0.294711164	-0.257677616	-0.25080626	-0.218019977
-0.748651256	-0.342735953	-0.405022798	-0.384710423	-0.369815777
-0.455855425	0.103128506	-0.183120455	-0.103705823	0.250488759
-0.966361073	-0.959413594	-0.911683219	-0.892201344	-0.956903459
-0.965287051	-0.971662692	-0.944849432	-0.941686874	-0.977579248
-0.95280156	-0.946865494	-0.934366598	-0.945919001	-0.940981027

-0.501027917	-0.114190001	0.053391191	-0.412182722	-0.206366497
-0.618272355	-0.139410791	-0.039068822	-0.301206408	-0.171957349
-0.494105756	0.215665273	0.009046604	-0.157728358	0.324957743
-0.991696196	-0.984943144	-0.9404502	-0.974644655	-0.982242428
-0.96440941	-0.970099814	-0.923378745	-0.955272384	-0.982949246
-0.959632932	-0.969184209	-0.954341849	-0.964300845	-0.967968039
-0.753671416	-0.396533732	-0.083047844	-0.61640291	-0.433703312
-0.80112704	-0.355348902	-0.254645207	-0.551742084	-0.198733656
-0.677750588	0.035193723	0.024750813	-0.377624756	0.179906764
-0.986256665	-0.981481454	-0.934503183	-0.97285511	-0.98338981
-0.992579167	-0.993808051	-0.968703073	-0.987669786	-0.995573763
-0.984476477	-0.983801366	-0.971403935	-0.973576813	-0.985322212
-0.548890451	-0.05435764	-0.071302455	-0.4223253	-0.160707261
-0.713406712	-0.321447925	-0.16834152	-0.560841213	-0.278929748
-0.452449935	0.023504935	0.150510001	-0.402121222	0.048334707
-0.978260536	-0.979666144	-0.942768017	-0.954626629	-0.983999477
-0.961923172	-0.976469472	-0.932775678	-0.9471782	-0.983647207
-0.962012018	-0.956248488	-0.951265971	-0.954724802	-0.955207642
-0.32211838	-0.335030121	0.095515067	-0.246851508	-0.353299849
-0.669216383	-0.382460736	-0.063656477	-0.40478524	-0.266081292
-0.27649151	-0.072660266	-0.036453525	-0.151178725	-0.068043622
-0.991414935	-0.990135478	-0.959673916	-0.956183064	-0.989410583
-0.97619766	-0.989425966	-0.959427618	-0.977567301	-0.991817705
-0.975113306	-0.97471692	-0.965843757	-0.966295583	-0.966960088
-0.606103314	-0.421498173	-0.174601845	-0.177366434	-0.395859986
-0.485819294	-0.323508442	0.016393923	0.191693743	-0.304980248
-0.274744004	0.021254155	0.37148247	0.280735952	0.014082609
-0.98696399	-0.976456609	-0.932644766	-0.944126079	-0.976303057
-0.966834217	-0.972699563	-0.942178248	-0.942422027	-0.973605554
-0.964009922	-0.933936178	-0.930366906	-0.927882307	-0.911972655
-0.637785955	-0.31744092	0.111321097	-0.554942138	-0.332520627
-0.748954849	-0.074632843	-0.101935433	-0.539591083	-0.008382438
-0.563640131	0.235309826	0.1675181	-0.259812205	0.466325681
-0.989720049	-0.986619609	-0.938926431	-0.963227005	-0.987384779
-0.981432828	-0.986724999	-0.943348789	-0.965473515	-0.990060963
-0.973650042	-0.974016177	-0.962461124	-0.951565946	-0.971718825
-0.722808438	-0.394790434	-0.321500668	-0.244363048	-0.409070488
-0.797293228	-0.474984015	-0.268063813	-0.335853041	-0.369636141
-0.595822214	0.036826353	-0.134598353	-0.047694264	0.266115492
-0.988261253	-0.987043829	-0.961456686	-0.95955223	-0.986892418
-0.990809427	-0.989427671	-0.969314015	-0.969999504	-0.989100621
-0.988212425	-0.980213187	-0.963635575	-0.974580069	-0.971409075
-0.539708491	-0.360991675	-0.065026762	-0.382832802	-0.304806274
-0.682311629	-0.139752221	-0.117519736	-0.399923495	-0.035538117
-0.592319491	-0.022623917	-0.130272515	-0.318081861	0.258941676
-0.994446756	-0.993969382	-0.969927989	-0.974841605	-0.994657314
-0.992372117	-0.990927534	-0.974170569	-0.980231576	-0.991318528
-0.982038121	-0.97435928	-0.954648102	-0.965406092	-0.972438525
-0.726591779	-0.371475156	-0.243606271	-0.489771051	-0.378068199
-0.835525128	-0.465097262	-0.363450743	-0.522728377	-0.350639841
-0.744159519	-0.350086793	-0.309049614	-0.505824358	-0.285535872
-0.994868914	-0.99314492	-0.97653853	-0.982996441	-0.994906566
-0.988519666	-0.990409919	-0.961239135	-0.975772814	-0.992789068
-0.992153054	-0.985179972	-0.984909885	-0.988606906	-0.984321858
-0.27148748	-0.029981567	0.169258576	-0.104423358	-0.057882079

-0.50740029	-0.156879495	0.111818164	-0.219644473	-0.119934775
-0.043898502	0.537012022	0.494457802	0.110659221	0.658506543
-0.985831285	-0.979238032	-0.960763182	-0.966335091	-0.975204245
-0.983069428	-0.987352048	-0.952872872	-0.968543352	-0.991161671
-0.980245511	-0.97453373	-0.972798824	-0.985340447	-0.962085001
-0.149864147	-0.147404272	0.403465951	-0.272213862	-0.234985644
-0.455396069	-0.140439075	-0.029383244	-0.318431522	-0.10844476
-0.27559188	-0.034330999	0.524187687	-0.188098812	0.113033424
-0.97507615	-0.981203064	-0.945198619	-0.947597457	-0.983978375
-0.926328788	-0.961932729	-0.898194212	-0.929985825	-0.969806179
-0.981079302	-0.965728782	-0.965595958	-0.976392651	-0.960997907
-0.450369989	-0.273496159	0.033846581	-0.300309067	-0.308547185
-0.647723419	-0.31916934	0.022159866	-0.321712974	-0.213184048
-0.509130858	0.10432353	0.181138043	-0.076971307	0.266987751
-0.990302233	-0.990610228	-0.968060947	-0.970859343	-0.992375229
-0.976153688	-0.978327686	-0.949694904	-0.960274142	-0.982892837
-0.982246472	-0.968234376	-0.960069247	-0.961772191	-0.950929451
-0.503106312	-0.099492859	0.14536752	-0.255216514	0.024395819
-0.675633024	-0.055399649	0.130686539	-0.228019952	0.132048813
-0.617659356	0.195348406	0.225766561	-0.322795654	0.40289196
-0.976503766	-0.978505368	-0.939546008	-0.946635312	-0.97862319
-0.966086148	-0.980373909	-0.929161388	-0.957101794	-0.987400306
-0.974201691	-0.953758543	-0.925524703	-0.954219236	-0.945656808
0.250173204	-0.275404188	-0.072436732	0.081408108	-0.32980728
-0.551275189	-0.27260569	-0.076977394	-0.070577489	-0.234309548
0.059490848	0.205428216	0.095943289	0.280518878	-0.028296248
-0.979226998	-0.986325671	-0.953460406	-0.942031167	-0.988345258
-0.972387365	-0.983627197	-0.962831825	-0.945170569	-0.986333386
-0.981314832	-0.970037238	-0.982072296	-0.977515214	-0.952410958
-0.556022766	-0.492419803	-0.203193741	-0.344493013	-0.462733639
-0.638180353	-0.395790554	-0.252412542	-0.312792211	-0.326165553
-0.459159852	-0.222324293	-0.086182975	-0.173825084	-0.034908595
-0.990724531	-0.989529507	-0.9627732	-0.966991781	-0.991100005
-0.979995719	-0.984183634	-0.948970158	-0.953817599	-0.988851853
-0.978659102	-0.975893687	-0.980830362	-0.976634816	-0.965167082
-0.757032545	-0.609038909	-0.251880271	-0.533563221	-0.591449956
-0.824883303	-0.521649839	-0.380150805	-0.542931828	-0.437975787
-0.679605951	-0.372245193	-0.196381054	-0.556097089	-0.213028874
-0.991766403	-0.991405498	-0.959117259	-0.974776131	-0.992124279
-0.98323081	-0.990093203	-0.959846189	-0.974051231	-0.992851743
-0.968309523	-0.929147371	-0.784945819	-0.816197954	-0.902547712
-0.603468672	-0.32195955	-0.146702157	-0.339539646	-0.347997926
-0.661829657	-0.242820756	-0.185528313	-0.499502759	-0.142843838
-0.463140795	0.022800096	-0.006237	-0.279640056	0.226783844
-0.994033207	-0.982579546	-0.954299411	-0.967519149	-0.978755177
-0.984253792	-0.991993372	-0.958402318	-0.973215155	-0.993702408
-0.989917354	-0.973262289	-0.983664034	-0.984923124	-0.967971891
-0.618718629	-0.308702374	-0.136783541	-0.312372595	-0.365256349
-0.724671165	-0.417607401	-0.249688518	-0.418886395	-0.253504066
-0.465807534	0.082983155	-0.062672957	-0.241600361	0.194912717
-0.99211283	-0.988682108	-0.974057856	-0.974665817	-0.988659196
-0.988819784	-0.990121812	-0.961356141	-0.974146245	-0.992875825
-0.993484313	-0.980631847	-0.982915952	-0.98735659	-0.977615703
-0.579861194	-0.280062183	-0.127912276	-0.356337639	-0.298832423
-0.670132121	-0.266101343	-0.190589069	-0.401732939	-0.233726644

-0.407132335	0.089072175	0.186441734	-0.308161634	0.137797083
-0.978441918	-0.979820143	-0.94635165	-0.952226787	-0.984956709
-0.95626648	-0.972519802	-0.893430393	-0.934503028	-0.98026749
-0.969773277	-0.973930868	-0.958436369	-0.961115672	-0.967324864
-0.612222937	-0.135819506	-0.034964233	-0.279734839	-0.190355977
-0.712846318	-0.10979348	-0.196011504	-0.320487883	-0.079062531
-0.597057049	0.1106632	-0.021229372	-0.26669215	0.187438624
-0.994905344	-0.991093964	-0.969609502	-0.975623031	-0.990617521
-0.991453632	-0.99502404	-0.97334577	-0.984096025	-0.99660457
-0.997666072	-0.986626999	-0.989034304	-0.989473927	-0.983432309
-0.546977272	-0.351402911	-0.193856664	-0.309558883	-0.344928112
-0.774439097	-0.420402828	-0.297813769	-0.36751984	-0.326260358
-0.617662074	-0.106966957	-0.021663705	-0.258067367	-0.040525709
-0.991280225	-0.985008785	-0.954076042	-0.966274091	-0.983231005
-0.955995672	-0.972014051	-0.919475121	-0.938089775	-0.980426576
-0.976177143	-0.974789999	-0.959974275	-0.970321992	-0.977045261



fBodyAcc.std...Y	fBodyAcc.std...Z	fBodyAccJerk.mean...X	fBodyAccJerk.mean...Y	fBodyAccJerk.mean...Z
0.056040007	-0.279686751	-0.170546965	-0.035225524	-0.468999225
0.021769511	0.085956554	-0.479875246	-0.413444588	-0.685474354
-0.11296374	-0.297927895	-0.027663868	-0.128667158	-0.288334736
-0.917275006	-0.934469558	-0.986597023	-0.981579467	-0.986053092
-0.972293102	-0.97793726	-0.994630797	-0.985418705	-0.990752166
-0.833625556	-0.812891559	-0.957073884	-0.92246261	-0.948060904
-0.169219686	-0.455222146	-0.304615323	-0.078764084	-0.55495671
0.084880279	-0.094544976	-0.25863944	-0.187842132	-0.522728063
0.171973973	-0.162032894	0.138120681	0.096209161	-0.271498721
-0.950073754	-0.956862864	-0.987848794	-0.977139703	-0.98512905
-0.957908842	-0.946433584	-0.980973242	-0.970851338	-0.979775152
-0.981025106	-0.984792185	-0.985813631	-0.98276825	-0.986197135
-0.124030832	-0.422998474	-0.304694443	-0.14050859	-0.514137255
-0.008039875	-0.350797226	-0.478434306	-0.283772547	-0.677314534
-0.109722354	-0.389723034	-0.090670713	-0.135938543	-0.529059451
-0.849655658	-0.864322464	-0.974950363	-0.954170151	-0.970845669
-0.892434349	-0.904801255	-0.957666857	-0.943497974	-0.969174903
-0.964094604	-0.96327908	-0.980513202	-0.968752114	-0.979122344
-0.101799451	-0.594198326	-0.358883414	-0.279553392	-0.728991596
-0.101434446	-0.345109818	-0.418304647	-0.297805187	-0.690106934
-0.322531318	-0.512694303	-0.161632908	-0.172941629	-0.583917371
-0.889467349	-0.926999317	-0.976845713	-0.944298391	-0.975154906
-0.857380282	-0.887554318	-0.972310894	-0.937624242	-0.968648412
-0.946380971	-0.962154454	-0.978542457	-0.943969987	-0.975383329
0.042602683	-0.483059957	-0.344954806	-0.181055554	-0.590496616
0.165037631	-0.289256659	-0.28972547	-0.196817921	-0.606717465
0.026826988	-0.35339785	-0.036801215	-0.056803296	-0.491979946
-0.90229153	-0.92184351	-0.976024951	-0.95423749	-0.969501331
-0.867933178	-0.858231388	-0.963059235	-0.931370209	-0.958438727
-0.972909187	-0.965882191	-0.982689657	-0.965328566	-0.983250309
0.101699642	-0.550474622	-0.150942918	-0.075374232	-0.541438616
0.159123777	-0.365874184	-0.24481277	-0.122991594	-0.549314616
0.283247838	-0.406014311	0.136554991	0.137202452	-0.283086205
-0.925676956	-0.925768476	-0.97103748	-0.947070821	-0.954199786
-0.921449111	-0.922067224	-0.973480539	-0.951405465	-0.963743518
-0.92971122	-0.924004748	-0.967072437	-0.93604342	-0.954425845
-0.143721823	0.133316828	-0.383715798	-0.123192887	-0.106490373
-0.341025553	-0.124912269	-0.454647882	-0.53707567	-0.581764527
-0.190187141	-0.100121493	-0.030522669	-0.31623651	-0.296494903
-0.904629196	-0.844083053	-0.982037244	-0.969423613	-0.968503505
-0.919118753	-0.912358814	-0.976323086	-0.967165093	-0.968229643
-0.922917902	-0.953380646	-0.980393047	-0.972531649	-0.969524978
0.324844931	-0.158437342	-0.311198711	0.079683287	-0.361563262
0.30540146	0.133766194	-0.200277249	-0.025795259	-0.386655804
0.232184078	0.021491484	0.214841403	0.220639688	0.058609689
-0.923829969	-0.933889847	-0.984977271	-0.980221105	-0.982995311
-0.936231723	-0.919744964	-0.989029239	-0.976177675	-0.979477193
-0.931236757	-0.931146498	-0.973110596	-0.975877437	-0.962111137
-0.223972559	-0.033796526	-0.314265401	-0.367706595	-0.399541245
-0.297641063	-0.244081808	-0.40204475	-0.608498592	-0.615125711
-0.273561385	-0.034949493	-0.064535434	-0.313643042	-0.29367779
-0.867613607	-0.818001835	-0.96559624	-0.958007391	-0.957526975
-0.938790017	-0.913896832	-0.971313769	-0.962624299	-0.9671292
-0.912836751	-0.941971164	-0.964304065	-0.964082806	-0.955909215

-0.129775706	-0.435304216	-0.107941107	0.030905202	-0.464020509
-0.05162847	-0.034234723	-0.201214322	-0.206872839	-0.553230667
-0.063333772	-0.26868617	0.181419131	-0.119504296	-0.240679035
-0.912838063	-0.966121043	-0.989365014	-0.980962856	-0.986056768
-0.921860477	-0.938098683	-0.963565166	-0.94218776	-0.972241512
-0.946229148	-0.959813668	-0.979014669	-0.968039174	-0.972592213
-0.096606829	-0.523093395	-0.453265269	-0.241801726	-0.692593872
-0.088504815	-0.11370177	-0.495927372	-0.455317917	-0.765387906
0.026277718	-0.348626582	-0.120463005	-0.17747924	-0.530225529
-0.920047162	-0.967884391	-0.98083175	-0.967454618	-0.981124861
-0.96350679	-0.985958517	-0.992385451	-0.979287024	-0.988460788
-0.973589287	-0.971668077	-0.984884874	-0.973882497	-0.979564844
-0.20851528	-0.452146694	-0.081619795	-0.141374071	-0.491386173
-0.130175559	-0.418599992	-0.385843754	-0.333077591	-0.687929869
0.01674951	-0.487390127	-0.007014723	0.006394069	-0.451614325
-0.926033976	-0.935916958	-0.977109887	-0.964236191	-0.975551564
-0.922852028	-0.914189184	-0.971971634	-0.95329178	-0.971122528
-0.950640041	-0.948380834	-0.968742759	-0.963223332	-0.967149695
0.092196893	-0.269896395	-0.290460802	-0.043919514	-0.342263717
0.11465671	-0.184842228	-0.506212136	-0.368996179	-0.631496434
-0.092444417	-0.233315177	-0.114851556	-0.207812348	-0.27613804
-0.933666503	-0.934189007	-0.992678213	-0.983914102	-0.985261205
-0.947179813	-0.964048081	-0.988198277	-0.977752775	-0.984608559
-0.947462328	-0.945852136	-0.985199684	-0.980375137	-0.980994602
-0.054270997	0.085489214	-0.472360617	-0.376766601	-0.415899179
0.356072772	0.687124164	-0.383497147	-0.34760664	-0.264008468
0.2936339	0.427563832	-0.033782046	0.164775056	-0.024878981
-0.911591208	-0.917678155	-0.981566649	-0.96895177	-0.97275197
-0.926055903	-0.917781859	-0.97818164	-0.967249905	-0.966718434
-0.905221049	-0.894055711	-0.972010709	-0.969342124	-0.968593196
0.080564624	-0.537026415	-0.390821985	-0.066937806	-0.648905254
-0.019132833	-0.349600353	-0.237053073	-0.338102217	-0.714554173
0.119993604	-0.357407559	0.061968749	-0.026976942	-0.345376541
-0.9191627	-0.945704713	-0.988106102	-0.978159013	-0.984908418
-0.930286443	-0.947905911	-0.985353493	-0.967884709	-0.982632303
-0.96459043	-0.923923992	-0.981329999	-0.970833222	-0.974775684
-0.354370679	-0.180501318	-0.441406183	-0.454270822	-0.422332394
-0.166324239	-0.094561233	-0.546088863	-0.468605205	-0.565220841
-0.208680588	-0.037971624	-0.155444883	-0.289957855	-0.24197408
-0.94982926	-0.934652147	-0.990964251	-0.981752167	-0.981178037
-0.95817431	-0.948540267	-0.991038639	-0.982425404	-0.986091892
-0.937083637	-0.962524373	-0.988580046	-0.984752927	-0.985544945
-0.055613793	-0.262391595	-0.423446095	-0.194232722	-0.523427056
-0.025278174	-0.204815711	-0.360272226	-0.377051929	-0.633017708
-0.086052736	-0.245413542	-0.215092049	-0.351268404	-0.498668458
-0.959789142	-0.962921073	-0.994542621	-0.98832742	-0.988828065
-0.966427324	-0.966999001	-0.992129226	-0.986278342	-0.989563633
-0.942791616	-0.950116956	-0.981472069	-0.977212388	-0.980380059
-0.267273645	-0.439861578	-0.414797154	-0.361908549	-0.601147247
-0.190550638	-0.26957139	-0.58941059	-0.579650286	-0.736149274
-0.273798158	-0.41825865	-0.412728287	-0.465982666	-0.622135895
-0.974980069	-0.975722121	-0.99192471	-0.983642392	-0.988689672
-0.952911995	-0.957216178	-0.989544971	-0.97524369	-0.986265654
-0.986746451	-0.987224804	-0.986404709	-0.985865325	-0.989116866
0.112615078	-0.233872331	0.0336381	0.01073187	-0.129367903

0.132557581	-0.239980695	-0.205322646	-0.073928372	-0.380657123
0.427928785	-0.078363504	0.474317256	0.276716853	0.059590577
-0.94805307	-0.947514932	-0.98677559	-0.979141572	-0.98398048
-0.943193755	-0.947753962	-0.985039596	-0.970011346	-0.983463295
-0.974832076	-0.984740998	-0.983478562	-0.974878271	-0.986506489
0.438436341	-0.266497727	-0.138717234	0.157933952	-0.345994476
0.16454675	-0.242438965	-0.256162265	-0.312161099	-0.492755895
0.560191344	-0.213916757	-0.199360431	0.205829017	-0.356220245
-0.9350317	-0.924947175	-0.982243603	-0.971158288	-0.973211461
-0.872525409	-0.91099586	-0.959710489	-0.935717554	-0.952741108
-0.964960988	-0.971901325	-0.983889985	-0.977220708	-0.982876212
-0.002562942	-0.164961027	-0.200442011	-0.112564739	-0.405700158
0.082343428	-0.227164173	-0.43683958	-0.205067301	-0.519815171
0.277894323	-0.145081706	-0.037789471	-0.107306348	-0.196838265
-0.96756129	-0.956412505	-0.989759187	-0.979180439	-0.983434323
-0.943545158	-0.942458908	-0.976803011	-0.964503016	-0.974780645
-0.957258971	-0.940919007	-0.984188841	-0.972039417	-0.981630805
0.003868411	-0.253643608	-0.036704708	0.159995614	-0.281973436
0.230058772	-0.11675334	-0.038244979	-0.075182928	-0.414448876
0.167409717	-0.383242679	0.03833642	-0.003091553	-0.419534254
-0.926995253	-0.909344306	-0.980944506	-0.963129473	-0.975330719
-0.923657558	-0.938409885	-0.974969215	-0.952141454	-0.977567431
-0.912562857	-0.941163951	-0.969570327	-0.954833264	-0.970918942
-0.202524062	0.116143441	-0.290410455	-0.155488721	-0.057202132
0.038059741	0.104508756	-0.365642513	-0.326236288	-0.346605238
0.043228369	0.094794097	0.201542909	-0.072450456	0.157775692
-0.930781487	-0.896125264	-0.984550864	-0.978136218	-0.972656226
-0.958042411	-0.926110099	-0.983283252	-0.975176562	-0.96961023
-0.974304149	-0.972261283	-0.986204659	-0.988230264	-0.982415512
-0.182766477	-0.314646918	-0.509628169	-0.352829307	-0.469920224
-0.107787679	-0.283143443	-0.515644617	-0.527604244	-0.483390988
-0.169191148	-0.291553822	-0.376175795	-0.225824357	-0.250000183
-0.954998005	-0.954402698	-0.988857403	-0.979228238	-0.9819713
-0.934454791	-0.923802468	-0.981161641	-0.967720592	-0.974170468
-0.984571808	-0.973057782	-0.985998547	-0.982140614	-0.98154969
-0.170313804	-0.430624587	-0.625595377	-0.4344552	-0.659286393
-0.199988429	-0.237296741	-0.668208156	-0.640849425	-0.793266971
-0.166842376	-0.449465442	-0.525789451	-0.415699644	-0.686843959
-0.944842993	-0.962090615	-0.992478846	-0.982957003	-0.986326396
-0.95417933	-0.96212374	-0.988404655	-0.972554453	-0.984832251
-0.672384256	-0.694100368	-0.972859086	-0.946802004	-0.962632675
-0.185725832	-0.384445322	-0.364226764	-0.298531982	-0.39867319
-0.043947307	-0.400902256	-0.304540556	-0.419344696	-0.639741265
-0.078283778	-0.346648518	-0.201368098	-0.165552378	-0.360114608
-0.937783539	-0.94478134	-0.992025427	-0.985862886	-0.987989983
-0.947829677	-0.960027796	-0.990586982	-0.976267059	-0.984563921
-0.983317084	-0.984854488	-0.989224044	-0.987115081	-0.987308252
-0.26774155	-0.345515217	-0.345482737	-0.194767362	-0.382617092
-0.079405982	-0.197338871	-0.503113856	-0.442465613	-0.608544242
-0.175647065	-0.303090702	-0.043782626	-0.170975271	-0.343626396
-0.971266063	-0.963220673	-0.990839607	-0.985238584	-0.987087721
-0.954381606	-0.958924794	-0.987771749	-0.97586868	-0.985111376
-0.984269088	-0.986582388	-0.986679573	-0.985257277	-0.988033129
-0.16878902	-0.326046196	-0.36260198	-0.294548345	-0.498754491
-0.178554981	-0.28168516	-0.31886673	-0.358009373	-0.587813565

0.0653012	-0.416940283	-0.026867698	-0.012703972	-0.365287435
-0.939885478	-0.933045478	-0.976891805	-0.963054247	-0.972939552
-0.874469266	-0.897600801	-0.968513715	-0.935168978	-0.964751239
-0.942003978	-0.956770905	-0.980013419	-0.978094827	-0.970251565
-0.18206854	-0.283348101	-0.210469887	-0.088021341	-0.394877827
-0.141258067	0.203057837	-0.225067771	-0.408886606	-0.646198588
-0.239349054	-0.262073242	-0.038245821	-0.097785066	-0.411173452
-0.961693949	-0.965800974	-0.99344576	-0.983883193	-0.988470241
-0.968278553	-0.978802974	-0.993736906	-0.983194981	-0.988541579
-0.990680395	-0.986378776	-0.992153982	-0.989398824	-0.992018448
-0.215634315	-0.093144762	-0.389595631	-0.299525344	-0.46703071
-0.10429918	0.121447415	-0.55067842	-0.592919441	-0.737803881
-0.093468261	-0.257393372	-0.234923147	-0.22499278	-0.399688694
-0.933992578	-0.946203823	-0.988775436	-0.980405717	-0.985978315
-0.885572782	-0.907286793	-0.967857589	-0.957434887	-0.962892628
-0.9535584	-0.967188199	-0.976887902	-0.97169628	-0.97563242

fBodyAccJerk.std...X	fBodyAccJerk.std...Y	fBodyAccJerk.std...Z	fBodyGyro.mean...X	fBodyGyro.mean...Y
-0.133586606	0.106739857	-0.53471344	-0.339032197	-0.103059416
-0.461907026	-0.381777065	-0.726040201	-0.492611668	-0.319474609
-0.086327897	-0.134580009	-0.401721464	-0.352449631	-0.055702252
-0.987492994	-0.98251391	-0.988339185	-0.976161464	-0.975838585
-0.995073759	-0.987018227	-0.992349818	-0.986386786	-0.988984456
-0.964160709	-0.93221787	-0.960586987	-0.850249175	-0.952191495
-0.314313063	-0.015332952	-0.615898188	-0.429713536	-0.554772112
-0.365415441	-0.243554147	-0.625090981	-0.331643577	-0.488086124
0.049959062	0.080833349	-0.408227423	-0.14577597	-0.361913824
-0.989459107	-0.980804228	-0.988570804	-0.98262139	-0.982100924
-0.983007924	-0.973520241	-0.984599905	-0.967037112	-0.972576153
-0.987250256	-0.984987393	-0.989345369	-0.986431143	-0.983321635
-0.296596633	-0.005614988	-0.543529108	-0.437845764	-0.561526265
-0.48644651	-0.268191524	-0.738705864	-0.378216682	-0.637293508
-0.165442899	-0.14772824	-0.613525074	-0.129066574	-0.542694164
-0.976283535	-0.956461757	-0.977159573	-0.957550638	-0.95617355
-0.960570922	-0.943948547	-0.97559595	-0.901282268	-0.937711157
-0.983122616	-0.971044013	-0.983711905	-0.970167263	-0.978099682
-0.297326072	-0.209900006	-0.772359087	-0.373384541	-0.688460057
-0.396762585	-0.314525031	-0.762772175	-0.371068993	-0.684310202
-0.208250062	-0.177202094	-0.668867334	-0.240298893	-0.71754584
-0.978776912	-0.949293158	-0.981699448	-0.960589636	-0.967583648
-0.975706724	-0.944075309	-0.976229506	-0.905464162	-0.955992945
-0.980079293	-0.944366882	-0.980261236	-0.967203736	-0.972187839
-0.32139032	-0.05452136	-0.633429996	-0.37266875	-0.513951718
-0.225327843	-0.105311153	-0.668825711	-0.263615096	-0.516609047
0.011055933	0.09017201	-0.551178075	-0.295345101	-0.382483075
-0.976530547	-0.954464442	-0.97602233	-0.957117252	-0.955460359
-0.965778921	-0.936202601	-0.968072301	-0.909661802	-0.939373524
-0.98562527	-0.96624258	-0.986135599	-0.975797492	-0.978249646
-0.192694694	0.031445068	-0.608624354	-0.239650711	-0.341378429
-0.186815074	-0.016981141	-0.571673957	-0.115065008	-0.32965378
0.08865151	0.341242393	-0.389057047	0.063371605	-0.130327466
-0.971488767	-0.946880042	-0.961636555	-0.939671401	-0.943857393
-0.975235678	-0.95068145	-0.969895846	-0.931612384	-0.943273146
-0.968619159	-0.935717453	-0.963567541	-0.93543977	-0.941771544
-0.365314791	-0.043191746	-0.190751539	-0.318395105	-0.151966687
-0.426974026	-0.534191303	-0.631919609	-0.383889343	-0.567920266
-0.004262891	-0.32437856	-0.397774503	-0.33930147	-0.214443073
-0.984026344	-0.97181498	-0.974699194	-0.943631758	-0.956678065
-0.978729083	-0.96685029	-0.974533711	-0.938121638	-0.957548671
-0.983560175	-0.975886145	-0.975072995	-0.953684548	-0.957570208
-0.271448185	0.315883536	-0.404482509	-0.102063054	-0.259729692
-0.247336618	-0.070082146	-0.508248317	-0.240260762	-0.113162144
0.172658982	0.273943792	-0.084667419	-0.130740445	0.116090879
-0.986913611	-0.983038783	-0.986185349	-0.98220031	-0.97658989
-0.990414087	-0.97858173	-0.984465744	-0.969677436	-0.972595487
-0.975959911	-0.979170882	-0.968699223	-0.957903886	-0.95741116
-0.17022834	-0.228380473	-0.419104363	-0.383676121	-0.436905861
-0.32742199	-0.590112917	-0.677831083	-0.313941631	-0.499159203
0.009382243	-0.355981821	-0.425377408	-0.325042891	-0.312512195
-0.966660404	-0.958522987	-0.964941342	-0.950315237	-0.939693008
-0.971278823	-0.96823458	-0.972588749	-0.916974438	-0.954514302
-0.968601304	-0.966634136	-0.959714718	-0.930297921	-0.934579659

-0.079151827	0.048486767	-0.55851265	-0.277913781	-0.345209035
-0.247598321	-0.202796129	-0.662894135	-0.218524717	-0.235858986
0.156912679	-0.153355803	-0.39614793	-0.21435028	-0.27249571
-0.989550917	-0.982045591	-0.98911086	-0.986477363	-0.986179216
-0.968612136	-0.944847394	-0.979428729	-0.924005913	-0.960323801
-0.978904364	-0.968120692	-0.978582339	-0.953793912	-0.954670034
-0.45394304	-0.170177403	-0.747564612	-0.514753308	-0.593107398
-0.458255021	-0.437276329	-0.803845087	-0.471782782	-0.581167154
-0.128341631	-0.13044383	-0.628902743	-0.318777013	-0.528254524
-0.981607942	-0.968421476	-0.984349607	-0.985106875	-0.982636645
-0.993414564	-0.981185824	-0.99037815	-0.978301717	-0.994025488
-0.987122678	-0.973486716	-0.983302949	-0.976187471	-0.982640272
-0.031059295	-0.094056408	-0.531486322	-0.401975932	-0.467886338
-0.39060122	-0.335926381	-0.750114856	-0.426360332	-0.604711316
-0.072311432	0.051512313	-0.544461426	-0.178856167	-0.420631474
-0.977980349	-0.96653892	-0.981408872	-0.968528985	-0.963725249
-0.975581439	-0.956666344	-0.978792833	-0.890292711	-0.948251857
-0.972820011	-0.964703657	-0.972713845	-0.956653887	-0.95256172
-0.21971616	0.09467416	-0.406173352	-0.192856474	-0.256213555
-0.514337759	-0.319400411	-0.689235779	-0.482113008	-0.492176105
-0.114744976	-0.141775116	-0.356579476	-0.319677125	-0.133828887
-0.99368217	-0.98590812	-0.9886121	-0.983218203	-0.982456054
-0.988185113	-0.979412253	-0.987871531	-0.957154108	-0.97291308
-0.987078175	-0.981394262	-0.983670049	-0.96946349	-0.968689729
-0.48479771	-0.353526894	-0.528889535	-0.508595852	-0.21589495
-0.41096787	-0.371572473	-0.391077873	-0.441048359	0.118687692
-0.030239637	0.13873797	-0.244857128	-0.295315542	0.013208235
-0.981920831	-0.968943674	-0.978180021	-0.978577118	-0.96980673
-0.980396602	-0.967830182	-0.973594305	-0.957111767	-0.950836195
-0.973491388	-0.969113291	-0.97491443	-0.949959041	-0.938087898
-0.411500068	-0.060683914	-0.723051141	-0.25339936	-0.535422096
-0.207231605	-0.33039143	-0.783004506	-0.361096857	-0.517025246
0.108062741	-0.007228602	-0.461599142	-0.227359565	-0.402332302
-0.98931436	-0.979713046	-0.987694114	-0.98615258	-0.979201725
-0.986934134	-0.969934104	-0.986654459	-0.950380286	-0.975133869
-0.983949291	-0.97321532	-0.980745097	-0.955413596	-0.964310894
-0.402884115	-0.433612658	-0.456636283	-0.595746486	-0.61973193
-0.53807309	-0.417127012	-0.620123586	-0.532399716	-0.642018064
-0.125682818	-0.281507407	-0.364026696	-0.420844009	-0.479512984
-0.991567868	-0.983230774	-0.984362469	-0.978632857	-0.966796002
-0.99184715	-0.984236462	-0.98865796	-0.973157352	-0.983594245
-0.989287359	-0.986215013	-0.988348905	-0.975892407	-0.976092921
-0.343866129	-0.047037938	-0.543872996	-0.407716709	-0.490166287
-0.287219038	-0.365114264	-0.680325771	-0.416223018	-0.521435415
-0.071876703	-0.298931145	-0.573043711	-0.316412963	-0.451126869
-0.994613162	-0.989915811	-0.990818248	-0.988411068	-0.98879398
-0.992775378	-0.988200349	-0.991450378	-0.980696264	-0.987334041
-0.983213244	-0.978343916	-0.983854159	-0.971949211	-0.973669099
-0.375992795	-0.320264113	-0.664327149	-0.609673434	-0.570898151
-0.575331252	-0.585531433	-0.78472843	-0.59232371	-0.649817267
-0.416050501	-0.464546055	-0.67875108	-0.489232275	-0.641527595
-0.992039061	-0.985694744	-0.990141676	-0.9899615	-0.988702701
-0.990287933	-0.977179032	-0.989275839	-0.964428926	-0.98356116
-0.986641246	-0.986210701	-0.990744753	-0.992436928	-0.985611171
0.090836649	0.085401073	-0.227829842	0.228142362	-0.097354985

-0.217265178	-0.013169588	-0.507716206	-0.19448551	-0.225421817
0.476803887	0.349771285	-0.09839301	0.474962448	0.147083144
-0.988576991	-0.980999858	-0.988151916	-0.981743665	-0.968188676
-0.985913722	-0.973588518	-0.987524588	-0.947865639	-0.975061672
-0.985278007	-0.975964112	-0.988558703	-0.974196218	-0.972061003
-0.122237206	0.255614063	-0.427690452	-0.093624869	0.031014597
-0.187090779	-0.255008282	-0.533201713	-0.372684354	-0.162341386
-0.147278593	0.293119526	-0.405294896	-0.06295726	-0.138097946
-0.983565761	-0.972776577	-0.978458923	-0.969913284	-0.964643069
-0.963098912	-0.940474179	-0.963973098	-0.881019425	-0.910649141
-0.986213883	-0.978451447	-0.985707806	-0.982619404	-0.97312003
-0.107412803	-0.014841517	-0.443563413	-0.246657383	-0.371744087
-0.462972849	-0.261261053	-0.603127367	-0.446974007	-0.446691582
-0.04638679	-0.11316186	-0.293237567	-0.366748753	-0.308879866
-0.990027822	-0.980347169	-0.986845672	-0.98489356	-0.979830938
-0.979530485	-0.966024076	-0.97972334	-0.956989964	-0.960082591
-0.987061377	-0.973164433	-0.984925271	-0.973410473	-0.964968005
0.018004779	0.213423556	-0.343195611	-0.144648652	-0.501176902
-0.067797852	-0.106099614	-0.528567803	-0.195456993	-0.523943752
0.040461846	-0.027029444	-0.535893778	-0.095434934	-0.52500684
-0.984299609	-0.969776055	-0.981272224	-0.977266731	-0.959161754
-0.978773001	-0.956169964	-0.984305238	-0.917018099	-0.97068244
-0.974126068	-0.958960958	-0.976833164	-0.95336692	-0.964698259
-0.23517299	-0.06097531	-0.006236475	-0.337619203	0.195569462
-0.424877553	-0.380894443	-0.468956384	-0.430239229	-0.290447409
0.081958719	-0.177697841	-0.098519563	-0.214730713	0.32881701
-0.98601963	-0.979564697	-0.977936447	-0.977149987	-0.957920289
-0.984531642	-0.977157998	-0.976241316	-0.947510436	-0.952781165
-0.987840853	-0.989995617	-0.985502012	-0.979676078	-0.968469136
-0.507640734	-0.294353546	-0.511115619	-0.468295081	-0.479841433
-0.527104719	-0.535843319	-0.562727123	-0.503188685	-0.546620981
-0.355930598	-0.163626808	-0.328569969	-0.272469212	-0.433475432
-0.989288808	-0.981550133	-0.986008449	-0.985676524	-0.981200181
-0.981721691	-0.970228184	-0.979936741	-0.958540187	-0.970426494
-0.988140518	-0.984124532	-0.983185638	-0.976570564	-0.96611198
-0.624145725	-0.367760098	-0.690413386	-0.41190972	-0.67875035
-0.690213626	-0.63808601	-0.830526637	-0.476144999	-0.618579913
-0.522153341	-0.36571983	-0.734990064	-0.217799724	-0.632916352
-0.99275011	-0.984068025	-0.989156106	-0.988002552	-0.983827801
-0.989339891	-0.974029504	-0.987898048	-0.968078525	-0.978399885
-0.976423985	-0.948414294	-0.97188537	-0.890517539	-0.946259639
-0.351065958	-0.271952157	-0.396530418	-0.368112906	-0.561827766
-0.342075432	-0.420055781	-0.715726894	-0.427686571	-0.61711254
-0.130825898	-0.061537065	-0.396701691	-0.125918155	-0.44312621
-0.993299861	-0.987754589	-0.990693114	-0.990144882	-0.981740793
-0.991275662	-0.977354949	-0.987428086	-0.969364269	-0.98388591
-0.990410107	-0.988238649	-0.989370491	-0.988386325	-0.983127999
-0.346610413	-0.065517903	-0.417957994	-0.498017935	-0.534724231
-0.478923373	-0.450116431	-0.657139421	-0.544369229	-0.59409258
-0.052281134	-0.163243978	-0.474755492	-0.296628612	-0.402132811
-0.991292271	-0.986083114	-0.989282517	-0.987207905	-0.984141119
-0.98860681	-0.977605582	-0.988208262	-0.970149629	-0.983731873
-0.987477465	-0.986116009	-0.98990117	-0.987028539	-0.986795837
-0.367116416	-0.191757504	-0.574579749	-0.374681072	-0.50468174
-0.37027368	-0.349026568	-0.687907634	-0.403636284	-0.522066501

-0.098011229	-0.00175392	-0.488488352	-0.029996996	-0.217100158
-0.977786782	-0.963990426	-0.978327769	-0.973724326	-0.963117634
-0.971672797	-0.93699128	-0.973572052	-0.880426103	-0.948160785
-0.982205901	-0.981117467	-0.974530843	-0.946804235	-0.965824456
-0.30733667	-0.155020661	-0.529034897	-0.431490048	-0.362232316
-0.211385398	-0.408648947	-0.710116592	-0.26051929	-0.394045341
-0.098637916	-0.120381521	-0.547320887	-0.189418001	-0.463125032
-0.994220176	-0.985493319	-0.990445862	-0.988393569	-0.990329245
-0.994123424	-0.984782782	-0.991316375	-0.97448545	-0.991586674
-0.992543478	-0.990468083	-0.99310776	-0.993122609	-0.993696337
-0.415135398	-0.289466095	-0.575410267	-0.3744403	-0.175900924
-0.561565207	-0.610826602	-0.78475388	-0.488039003	-0.366058433
-0.289802729	-0.217432019	-0.535515048	-0.263061628	-0.34806512
-0.990017565	-0.981902116	-0.988971212	-0.987034626	-0.982005883
-0.972216729	-0.960442361	-0.973954338	-0.915742855	-0.945628837
-0.980350748	-0.972434197	-0.982281553	-0.971789053	-0.968170332



fBodyGyro.mean...Z	fBodyGyro.std...X	fBodyGyro.std...Y	fBodyGyro.std...Z	fBodyAccMag.mean..
-0.25594094	-0.516691939	-0.03350816	-0.436562227	-0.128623451
-0.453597213	-0.565892491	0.151538906	-0.57170784	-0.352395945
-0.031869427	-0.495422486	-0.181414729	-0.238443565	0.096584534
-0.951315544	-0.977904227	-0.962345043	-0.943917841	-0.947782923
-0.980773123	-0.987497129	-0.987107728	-0.98234533	-0.985356361
-0.909302721	-0.882296451	-0.951232049	-0.916582508	-0.861767648
-0.396659907	-0.604053019	-0.533046953	-0.559856635	-0.324289428
-0.248601122	-0.476358846	-0.459758489	-0.218072471	-0.145318539
-0.087494474	-0.379436674	-0.458732747	-0.422987665	0.293424827
-0.959814822	-0.986808502	-0.977356189	-0.96352266	-0.961273748
-0.960627696	-0.974988125	-0.97103605	-0.969754296	-0.964052166
-0.962671888	-0.988860686	-0.981910616	-0.963174222	-0.975110196
-0.418126217	-0.61512137	-0.568888673	-0.545896388	-0.290031535
-0.431503362	-0.484820991	-0.556045947	-0.56109765	-0.315866079
-0.302866461	-0.308630331	-0.55309454	-0.548164313	0.02894132
-0.934967959	-0.968013063	-0.939609988	-0.930633151	-0.904185726
-0.916172538	-0.901985672	-0.923125941	-0.919743846	-0.926968932
-0.962341961	-0.975986434	-0.977032495	-0.967256854	-0.965524275
-0.601381129	-0.542646759	-0.65465777	-0.716458475	-0.450804558
-0.350765737	-0.483548693	-0.489824279	-0.424533512	-0.276825498
-0.318306481	-0.414919001	-0.691518367	-0.621658471	-0.019074335
-0.933776892	-0.973333107	-0.954120419	-0.932868354	-0.929002095
-0.915280955	-0.912464794	-0.94582584	-0.916651631	-0.917614015
-0.961479263	-0.975094739	-0.9561825	-0.965807467	-0.939389701
-0.213127031	-0.52939279	-0.502683381	-0.420367075	-0.304992489
-0.139801393	-0.50168558	-0.403486393	-0.380378007	-0.169261525
-0.034175028	-0.514940941	-0.431552775	-0.374705187	0.155742169
-0.938003426	-0.969390369	-0.947571472	-0.947346477	-0.936290605
-0.907190837	-0.912780916	-0.931857811	-0.916789356	-0.904641393
-0.963202948	-0.98070577	-0.977257801	-0.963305738	-0.962234984
-0.203575459	-0.515323854	-0.332008707	-0.512209234	-0.201386608
-0.046414211	-0.390248128	-0.313618571	-0.309998085	-0.08194794
0.152845249	-0.286724915	-0.235470976	-0.275667263	0.395958035
-0.934764895	-0.963407047	-0.94490147	-0.947326798	-0.935750391
-0.943239602	-0.952817395	-0.942539174	-0.954455702	-0.945949804
-0.932636613	-0.962164979	-0.945365098	-0.947136774	-0.912351652
-0.366733618	-0.563615257	-0.290859379	-0.463270018	-0.15124365
-0.408150267	-0.368636961	-0.579964615	-0.393062891	-0.378618762
-0.299600268	-0.432730974	-0.351717743	-0.495120053	0.218911066
-0.947419933	-0.942726423	-0.93824472	-0.939826018	-0.908956776
-0.957165056	-0.947891986	-0.945818158	-0.954339406	-0.94561145
-0.956905311	-0.962348254	-0.939727874	-0.958876413	-0.927976881
-0.132902199	-0.234252006	-0.190805722	-0.142974235	-0.095217283
0.165974187	-0.409955581	-0.047880251	0.263202878	-0.130264519
0.027749807	-0.302735103	-0.046135632	-0.268253406	0.301626757
-0.961798677	-0.985339302	-0.968924433	-0.962632254	-0.947981783
-0.975512277	-0.974200998	-0.968055496	-0.975976456	-0.953746071
-0.967461239	-0.967846361	-0.950316471	-0.970671966	-0.932279646
-0.240222512	-0.507404513	-0.490990336	-0.342367223	-0.318801023
-0.327698671	-0.361626377	-0.352033092	-0.165554554	-0.372890349
-0.250686587	-0.423558774	-0.364282566	-0.356561472	0.222203941
-0.940312313	-0.961836016	-0.910583361	-0.934187478	-0.897718197
-0.941510336	-0.924738576	-0.941950577	-0.944942812	-0.946330172
-0.959815009	-0.94638915	-0.923131937	-0.965686312	-0.926604295

-0.10853003	-0.458292933	-0.204392822	-0.273292866	-0.093023742
-0.262763367	-0.34130162	0.171735785	-0.403822083	-0.166866722
0.039136681	-0.339514358	-0.343237004	-0.150391638	0.220115703
-0.96539547	-0.989712361	-0.983579647	-0.96241856	-0.955281011
-0.950915731	-0.932273943	-0.958399858	-0.958901257	-0.940110168
-0.969755777	-0.964544566	-0.953453497	-0.975298797	-0.950848109
-0.398293337	-0.623150269	-0.453663184	-0.498554639	-0.458514063
-0.674671879	-0.517811646	-0.153787851	-0.729928729	-0.336061027
-0.273459112	-0.397722758	-0.481127495	-0.397220471	0.090280758
-0.954453821	-0.989189513	-0.982137919	-0.956802767	-0.953066009
-0.980762968	-0.981009116	-0.994353087	-0.982308781	-0.982255414
-0.961434421	-0.982424585	-0.982660632	-0.963183903	-0.973994005
-0.317282484	-0.593142882	-0.44379833	-0.422256521	-0.153116003
-0.406080936	-0.560462964	-0.483918391	-0.396095719	-0.290005419
-0.212767364	-0.422363238	-0.518923135	-0.44851299	0.148017269
-0.955718184	-0.976339901	-0.959040696	-0.954769878	-0.955944253
-0.952601953	-0.884385204	-0.938529854	-0.954335764	-0.945217803
-0.945673242	-0.969254585	-0.955343676	-0.956424382	-0.94386744
-0.276607955	-0.435714711	-0.318618506	-0.455333901	-0.234600866
-0.255338946	-0.562911003	-0.364283259	-0.272525012	-0.367522801
-0.212906663	-0.452190387	-0.249660329	-0.427008254	0.052879188
-0.968384416	-0.986714694	-0.978270709	-0.969451755	-0.95690156
-0.974394378	-0.955818412	-0.971425151	-0.975533268	-0.972393559
-0.96912688	-0.973446792	-0.959944126	-0.969797215	-0.959535494
-0.212925759	-0.630082076	0.083295055	-0.180232949	-0.373516771
0.196703219	-0.464742934	0.646233637	0.522454216	-0.075985181
0.49241438	-0.378882873	0.074139115	0.182794696	0.471905155
-0.957020859	-0.981573087	-0.958227403	-0.956028808	-0.940589853
-0.950999878	-0.962741033	-0.944306864	-0.950162705	-0.94971506
-0.949107163	-0.959740489	-0.929955407	-0.95779048	-0.899463669
-0.461464066	-0.357633379	-0.365361209	-0.543997594	-0.275156242
-0.485701746	-0.437225328	-0.243612269	-0.523744301	-0.165242148
-0.183194802	-0.35163	-0.360972849	-0.3436733	0.331150229
-0.966731518	-0.988881931	-0.973456092	-0.966228648	-0.949752001
-0.968264855	-0.948275234	-0.969442882	-0.971282184	-0.960337344
-0.9581901	-0.958224495	-0.959991907	-0.960015831	-0.956001034
-0.432885311	-0.673741137	-0.611940877	-0.403219791	-0.410463242
-0.492427494	-0.509896031	-0.559600598	-0.38730949	-0.370649738
-0.375000626	-0.470373499	-0.565214033	-0.521100819	0.114032089
-0.960058264	-0.982057861	-0.954343752	-0.964270052	-0.958335481
-0.98363927	-0.973926885	-0.978402419	-0.983527402	-0.971082558
-0.985957788	-0.977509584	-0.968135252	-0.985730996	-0.968020521
-0.398809218	-0.504849291	-0.439238788	-0.4387687	-0.429380043
-0.324273713	-0.524468392	-0.48115412	-0.27789147	-0.150305643
-0.403380386	-0.393194732	-0.469390428	-0.54094952	0.058068052
-0.981617098	-0.99004126	-0.984813098	-0.980969645	-0.973626755
-0.985954978	-0.981791318	-0.983946585	-0.986725275	-0.980967748
-0.976164852	-0.977203498	-0.970627807	-0.978357126	-0.961046326
-0.538152345	-0.73490139	-0.460890662	-0.548409771	-0.424386734
-0.504364097	-0.600711296	-0.443429837	-0.466022431	-0.436561064
-0.447030699	-0.51394709	-0.607757979	-0.543996111	-0.241973535
-0.983027386	-0.992575399	-0.985710088	-0.982797276	-0.984781467
-0.974294413	-0.962272712	-0.978801848	-0.97482259	-0.976797646
-0.984999292	-0.993019372	-0.983457775	-0.986483048	-0.986788412
-0.010504707	-0.10838881	-0.133010285	-0.220271191	0.03222723

-0.066129352	-0.477514747	-0.14992516	-0.207498124	-0.079628763
0.210673073	0.196613287	-0.028489572	-0.215892227	0.586637551
-0.968235778	-0.985576048	-0.95559861	-0.967869249	-0.962632578
-0.965100636	-0.946607046	-0.966967238	-0.963212792	-0.968910789
-0.973932333	-0.983944795	-0.959831366	-0.975417524	-0.971957401
-0.108892496	-0.279931528	0.107704805	-0.264957206	-0.003533418
0.115076641	-0.532021734	-0.079046721	0.095476833	-0.205009295
0.257037841	-0.253365631	-0.159961424	0.018305085	0.151887747
-0.950963364	-0.978433538	-0.958015696	-0.949176822	-0.946913452
-0.911409912	-0.890525705	-0.9012375	-0.914872014	-0.921225595
-0.972278604	-0.985154589	-0.973092518	-0.974995267	-0.952827071
-0.283262475	-0.491859244	-0.419400879	-0.385505359	-0.251266389
-0.155762355	-0.560968049	-0.478299637	0.013091635	-0.257894449
-0.238221683	-0.469790144	-0.388418747	-0.450772139	0.239895894
-0.976839729	-0.98955931	-0.974723218	-0.979130678	-0.974829227
-0.959432562	-0.964530316	-0.954080914	-0.963124572	-0.962291334
-0.980811216	-0.97622692	-0.946599855	-0.983270707	-0.953769071
-0.083501182	-0.374496319	-0.481624411	-0.253173877	-0.024158496
-0.199313066	-0.338139777	-0.473882072	-0.222431795	-0.086690512
-0.194915699	-0.284532358	-0.570339899	-0.377319034	0.155526859
-0.948367052	-0.982373346	-0.946107944	-0.951045695	-0.943078237
-0.962327765	-0.919851782	-0.962172737	-0.963652779	-0.949044483
-0.94257024	-0.958030987	-0.960711255	-0.936965639	-0.929818991
-0.194970369	-0.545051692	0.286581518	-0.287820868	-0.094260631
-0.163001294	-0.590430784	-0.301619977	-0.082252112	-0.231382662
-0.141266888	-0.482598325	0.126052318	-0.305896699	0.364829993
-0.965428834	-0.981523241	-0.943733421	-0.961914054	-0.94583783
-0.967939565	-0.941698516	-0.945871186	-0.964249923	-0.957986177
-0.984238808	-0.982665213	-0.95499731	-0.985317841	-0.967747053
-0.391447921	-0.616915839	-0.495896272	-0.453337858	-0.434618912
-0.372182912	-0.602945481	-0.586177824	-0.311996409	-0.322300989
-0.396286646	-0.484894684	-0.523412702	-0.573281905	-0.023170163
-0.974686891	-0.988891552	-0.976252428	-0.972851788	-0.968905031
-0.970133388	-0.961885695	-0.965798056	-0.972688652	-0.960066088
-0.981093036	-0.984713284	-0.957792949	-0.983602746	-0.973171068
-0.561322951	-0.406678108	-0.567201282	-0.603544209	-0.566060023
-0.575169716	-0.500119831	-0.349362688	-0.601112612	-0.527907562
-0.410311448	-0.316252108	-0.470641125	-0.506738307	-0.288154788
-0.97580589	-0.990550003	-0.979828883	-0.974172871	-0.967017993
-0.970456863	-0.97266417	-0.975960666	-0.974982088	-0.972355393
-0.924536861	-0.891308069	-0.932293335	-0.915467504	-0.774481944
-0.318516813	-0.532999609	-0.587939605	-0.426232091	-0.379836743
-0.342703926	-0.590812298	-0.59823664	-0.362052183	-0.167566383
-0.221388825	-0.398199864	-0.497506339	-0.434482187	0.075101685
-0.970423694	-0.991318436	-0.969488189	-0.968266667	-0.952411044
-0.974459324	-0.975321646	-0.981740873	-0.977351005	-0.97060525
-0.97017122	-0.99097012	-0.977491843	-0.971789047	-0.969269114
-0.31818238	-0.642349126	-0.530943838	-0.297847512	-0.327229406
-0.400528455	-0.574254282	-0.587869474	-0.183508697	-0.393928937
-0.144904904	-0.390968436	-0.543033247	-0.367816047	0.149816459
-0.976848134	-0.988984618	-0.98103769	-0.977595519	-0.974766467
-0.980862493	-0.970221836	-0.981857757	-0.983105049	-0.973186182
-0.979202019	-0.989382329	-0.983052319	-0.980096438	-0.981389018
-0.255029045	-0.545480218	-0.497470739	-0.30824339	-0.352156842
-0.318211	-0.556383411	-0.459989316	-0.226243375	-0.213519365

-0.184392337	-0.345453346	-0.293108365	-0.416505886	0.188840008
-0.954180279	-0.981615141	-0.953207017	-0.961561036	-0.953928124
-0.926655192	-0.886706768	-0.936101609	-0.932039083	-0.929146479
-0.961164845	-0.958092114	-0.957552988	-0.966312024	-0.961035588
-0.397277495	-0.654313559	-0.09413597	-0.494117483	-0.235683306
-0.341700132	-0.350338205	0.234346784	-0.444153057	-0.108306403
-0.199225894	-0.319123138	-0.35487269	-0.416165846	0.115973968
-0.973933595	-0.990727755	-0.987259809	-0.972912517	-0.973346532
-0.983654714	-0.979162565	-0.989643721	-0.984714226	-0.984548095
-0.976184323	-0.994652185	-0.992240786	-0.976858964	-0.986800645
-0.247350344	-0.399032346	0.095545605	-0.237941474	-0.342363773
-0.318937002	-0.503484237	0.044954554	-0.253427075	-0.400588354
-0.263720764	-0.278386596	-0.255732055	-0.371541476	0.00410151
-0.96117711	-0.988484803	-0.973804951	-0.957308685	-0.959923388
-0.937798125	-0.911718163	-0.939469774	-0.935176885	-0.932047451
-0.967577361	-0.974488401	-0.965134152	-0.972199238	-0.96284082

fBodyAccMag.std..	fBodyBodyAccJerkMag.mean..	fBodyBodyAccJerkMag.std..	fBodyBodyGyroMag.mean..
-0.398032587	-0.0571194	-0.103492403	-0.199252569
-0.416260102	-0.442652162	-0.533059854	-0.325961457
-0.186530301	0.026218495	-0.104052261	-0.185720286
-0.928444802	-0.985262127	-0.981606177	-0.958435589
-0.982313805	-0.992542478	-0.992536003	-0.984617623
-0.79830094	-0.933300361	-0.921803976	-0.862190185
-0.577105212	-0.169064353	-0.164091969	-0.530704815
-0.366728244	-0.189511137	-0.260423839	-0.450612185
-0.021478788	0.22224741	0.227480733	-0.320838544
-0.955575602	-0.983874699	-0.984124186	-0.971840596
-0.960519381	-0.977065296	-0.97516046	-0.961775905
-0.975121388	-0.985374115	-0.984568489	-0.972112973
-0.456373081	-0.186764517	-0.08985199	-0.569755772
-0.447994369	-0.412920898	-0.480609202	-0.514211584
-0.233849422	-0.049477977	-0.159102288	-0.332376629
-0.874626592	-0.965888892	-0.966568853	-0.946664944
-0.921836077	-0.948627468	-0.948206814	-0.913682363
-0.968350217	-0.975949598	-0.975305378	-0.964586725
-0.651172628	-0.318587811	-0.320458701	-0.609285588
-0.301005898	-0.397406285	-0.497324087	-0.575794072
-0.26364403	-0.175295287	-0.280426777	-0.42921337
-0.91981571	-0.962500734	-0.961584519	-0.948769752
-0.895340042	-0.956139284	-0.960032499	-0.914209166
-0.937187976	-0.962287125	-0.958037119	-0.96155666
-0.519636926	-0.269481661	-0.305685376	-0.484262829
-0.254091927	-0.264674939	-0.378616676	-0.392564531
0.042853362	0.009183943	-0.0897357	-0.349338415
-0.925669291	-0.964440302	-0.966545323	-0.944760322
-0.886745171	-0.941825903	-0.94360196	-0.904543922
-0.962525369	-0.97735638	-0.976381935	-0.968257069
-0.421683094	-0.055401423	-0.09649997	-0.329681123
-0.222161434	-0.169868234	-0.177734841	-0.230627015
0.144622757	0.243834259	0.154808861	-0.014373543
-0.939547203	-0.948348654	-0.9473047	-0.929725679
-0.944564108	-0.955914005	-0.955381579	-0.926664297
-0.905373398	-0.948655471	-0.951552664	-0.930153639
-0.351706781	-0.03841873	-0.022138358	-0.192909765
-0.415307107	-0.454783247	-0.497441363	-0.533982946
0.021444098	0.067389886	0.10785684	-0.255045057
-0.886915638	-0.970954184	-0.968494868	-0.933081955
-0.937287965	-0.967417888	-0.969092162	-0.938704985
-0.910542463	-0.968066259	-0.965359228	-0.941130719
-0.360818979	-0.12383441	-0.27643613	-0.301241849
-0.409282852	-0.131850567	-0.3792665	-0.229610953
-0.156141094	0.33152846	0.134734731	-0.00036273
-0.93172124	-0.980932292	-0.979320212	-0.965806789
-0.938628186	-0.979745872	-0.979135441	-0.964564224
-0.917257979	-0.961792852	-0.963791094	-0.944528951
-0.513891953	-0.316870716	-0.322337537	-0.51379748
-0.509929461	-0.419533109	-0.484935752	-0.531482694
0.088867167	0.007168779	0.070552614	-0.347540227
-0.869172511	-0.953050441	-0.949394981	-0.934437738
-0.940265546	-0.963242884	-0.96359316	-0.929769068
-0.921929738	-0.954320586	-0.955094712	-0.918605336

-0.370471944	0.020518952	0.050208763	-0.41261691
-0.361437535	-0.153553147	-0.334365044	-0.265371689
-0.061674284	0.156978047	0.03802667	-0.31234751
-0.941511953	-0.985900801	-0.983266741	-0.974459733
-0.945048243	-0.95163369	-0.952105965	-0.937786743
-0.944304975	-0.968561122	-0.965377553	-0.937692643
-0.584455992	-0.395116134	-0.417446816	-0.610222629
-0.376027879	-0.475928502	-0.513703461	-0.55009966
-0.13712306	-0.097454997	-0.173661754	-0.456170109
-0.948521986	-0.975315332	-0.972289134	-0.969799951
-0.98150397	-0.988636595	-0.988021231	-0.98257652
-0.976037696	-0.976940775	-0.975126531	-0.967093356
-0.408896299	-0.029912425	-0.013953909	-0.442503784
-0.395285131	-0.320884463	-0.346565142	-0.594032515
-0.105124972	0.076996837	0.042063125	-0.34493842
-0.950647189	-0.971715269	-0.972951443	-0.958511867
-0.939741929	-0.96085901	-0.964145595	-0.902356766
-0.942133255	-0.962448419	-0.961653004	-0.945497023
-0.438388953	-0.152111501	-0.113591924	-0.267472374
-0.409065516	-0.425100007	-0.491090809	-0.485477309
-0.210912766	-0.028215666	-0.070989384	-0.206121707
-0.938529931	-0.988348535	-0.988332303	-0.973258278
-0.970445379	-0.981977536	-0.980621263	-0.957488799
-0.949431319	-0.980754386	-0.97804435	-0.957681621
-0.457490009	-0.431591453	-0.453426009	-0.31138645
-0.143253889	-0.288744334	-0.409847649	0.048858867
0.178684581	0.186223478	0.194263424	-0.078756841
-0.929193937	-0.972985343	-0.972959409	-0.963320541
-0.93979987	-0.970214126	-0.969677516	-0.944405564
-0.859606047	-0.967988596	-0.963607434	-0.930151731
-0.458344792	-0.289753952	-0.342411928	-0.489166384
-0.255659341	-0.26195668	-0.391313399	-0.453693566
0.153124178	0.158413335	0.150507751	-0.373898631
-0.941195938	-0.984689437	-0.983276252	-0.97376218
-0.950204046	-0.979078786	-0.980184087	-0.9567339
-0.94550856	-0.973681223	-0.972530078	-0.946812642
-0.592150985	-0.378278491	-0.441447755	-0.669228541
-0.418924256	-0.475597718	-0.51993124	-0.630546675
-0.053413718	-0.074565908	-0.091962337	-0.48825394
-0.94258825	-0.983968636	-0.982190555	-0.954060994
-0.957173572	-0.986502688	-0.985912717	-0.975448632
-0.958111896	-0.987514525	-0.98724716	-0.970249639
-0.565162508	-0.335938892	-0.21123186	-0.518618059
-0.217393171	-0.360299853	-0.437383108	-0.504066957
-0.061887677	-0.1886804	-0.236538516	-0.409438758
-0.96539968	-0.99142725	-0.990319626	-0.983369292
-0.975504841	-0.990162799	-0.989472087	-0.984291132
-0.949042532	-0.979687319	-0.979657231	-0.969014445
-0.565563057	-0.414037751	-0.444453486	-0.620331394
-0.436218933	-0.574481397	-0.587926077	-0.654029089
-0.344299434	-0.383398713	-0.386565072	-0.604735414
-0.982226152	-0.990407076	-0.991044298	-0.986535242
-0.973264854	-0.984987073	-0.986277357	-0.972352593
-0.987648484	-0.988548418	-0.989710657	-0.984329092
-0.324793406	0.073017993	-0.022286959	-0.095246045

-0.368253499	-0.187391317	-0.43467125	-0.288840268
0.082863062	0.538404846	0.316346415	0.203979765
-0.952802278	-0.983751647	-0.983687273	-0.964238768
-0.964259111	-0.979135413	-0.979179149	-0.95857813
-0.964056774	-0.980621564	-0.979452188	-0.965624724
-0.389934004	0.054526949	-0.031065027	-0.05200656
-0.320241012	-0.215014032	-0.280450027	-0.286627717
0.000242175	0.013791715	0.07903798	-0.100566104
-0.942151232	-0.971730463	-0.972597744	-0.953399068
-0.91865188	-0.940007897	-0.936025033	-0.879437675
-0.941894086	-0.979695458	-0.979565197	-0.969832241
-0.438149791	-0.14400989	-0.018673441	-0.409516081
-0.403357612	-0.355443707	-0.47772185	-0.475369887
0.079127139	0.11244262	0.063205315	-0.406392284
-0.974447593	-0.985342359	-0.98699155	-0.977839702
-0.960041844	-0.970634296	-0.971926117	-0.956723022
-0.944449071	-0.978444124	-0.977604879	-0.962349013
-0.381399308	0.065972729	0.158286745	-0.438378723
-0.334126221	-0.045802036	-0.151299836	-0.369902
-0.057520261	0.022478354	-0.118530349	-0.338417326
-0.92679803	-0.968908297	-0.967026276	-0.951952767
-0.943739135	-0.959743878	-0.95665396	-0.932065271
-0.913267251	-0.962654792	-0.955635614	-0.946055841
-0.407577516	-0.01807057	-0.045737233	0.185078207
-0.410047643	-0.302968065	-0.454324845	-0.380388292
-0.045393035	0.335009724	0.224480504	0.150825735
-0.927090118	-0.974121467	-0.972117017	-0.952293277
-0.955291356	-0.973798156	-0.975053688	-0.94458383
-0.958465695	-0.985905704	-0.986540201	-0.966239348
-0.590265846	-0.418641047	-0.402979984	-0.534509164
-0.406283378	-0.429800779	-0.459647798	-0.564664995
-0.175291709	-0.200830137	-0.082755491	-0.374298687
-0.965852262	-0.984469963	-0.98561372	-0.977973721
-0.949522556	-0.972251355	-0.97319551	-0.963922314
-0.971063024	-0.983108084	-0.983285116	-0.964001383
-0.632927476	-0.564591342	-0.51900425	-0.562733253
-0.536120293	-0.654795111	-0.703433693	-0.56715347
-0.35943708	-0.471642112	-0.502224768	-0.485763582
-0.961997268	-0.987941826	-0.987618801	-0.979350914
-0.97020366	-0.982294171	-0.982083315	-0.9689725
-0.651353242	-0.960083147	-0.963601213	-0.910126994
-0.537183967	-0.293358341	-0.268948465	-0.551927613
-0.274226227	-0.294970471	-0.393715352	-0.556084778
0.005749437	-0.153172029	-0.067941076	-0.334509947
-0.934587699	-0.989481943	-0.989521273	-0.97646387
-0.963909299	-0.982876889	-0.981129313	-0.972333109
-0.966576632	-0.989138184	-0.987901463	-0.97430518
-0.550392605	-0.259934013	-0.279732022	-0.519451704
-0.468707735	-0.460770278	-0.473011559	-0.60766773
-0.071212004	0.010857564	-0.113625945	-0.359113725
-0.970885297	-0.988773269	-0.988531651	-0.979482821
-0.967529105	-0.984151646	-0.983022278	-0.975525566
-0.980296339	-0.988098903	-0.98817486	-0.979890668
-0.511573671	-0.360811456	-0.43627301	-0.514602425
-0.334626169	-0.294433416	-0.374495908	-0.53483541

-0.074058598	-0.012882383	-0.088359852	-0.223354794
-0.952281424	-0.969178687	-0.970823336	-0.960297525
-0.923857158	-0.952727765	-0.954963155	-0.909652436
-0.957564019	-0.973436249	-0.972336129	-0.944218369
-0.393257505	-0.108978206	-0.169506499	-0.416817853
-0.155993756	-0.239108047	-0.280583557	-0.357213897
-0.033086811	0.000448896	-0.079771432	-0.381459882
-0.97121802	-0.990093704	-0.989822909	-0.980269426
-0.982247716	-0.989793893	-0.990327935	-0.980879723
-0.981599784	-0.993998276	-0.994366668	-0.984001342
-0.469852795	-0.347180135	-0.366537417	-0.358344356
-0.394508081	-0.549784891	-0.580878133	-0.449150735
-0.178535173	-0.1259614	-0.133124305	-0.356772347
-0.943543733	-0.985826331	-0.985294959	-0.973876283
-0.921733233	-0.953357616	-0.946639847	-0.917449417
-0.964051811	-0.96994927	-0.968087778	-0.962001199



fBodyBodyGyroMag.std..	fBodyBodyGyroJerkMag.mean..	fBodyBodyGyroJerkMag.std..
-0.321017954	-0.319308594	-0.381601912
-0.182985518	-0.634665082	-0.693930522
-0.39835039	-0.281963359	-0.391919877
-0.932198375	-0.989797547	-0.987049617
-0.978466072	-0.994815377	-0.994671123
-0.82431944	-0.942366947	-0.932660668
-0.65179284	-0.583249293	-0.558104555
-0.438620402	-0.600798496	-0.621820203
-0.372576755	-0.380175306	-0.343698985
-0.961385745	-0.989861951	-0.989632909
-0.956788726	-0.977849827	-0.977754298
-0.961098379	-0.990248702	-0.98949266
-0.632643293	-0.607751646	-0.549087008
-0.445181802	-0.716877779	-0.740033436
-0.322440827	-0.576277199	-0.624910821
-0.925449629	-0.977898106	-0.976689803
-0.883439718	-0.960331718	-0.95712151
-0.955441856	-0.984278251	-0.982568158
-0.593937201	-0.724327421	-0.757768081
-0.552489629	-0.740749226	-0.794209483
-0.457674088	-0.621752456	-0.685470932
-0.928850554	-0.976547763	-0.976261754
-0.887194404	-0.964471139	-0.966430218
-0.947100325	-0.983609073	-0.982543632
-0.589741507	-0.548053575	-0.455665301
-0.440445052	-0.571344139	-0.57248502
-0.484141274	-0.453697247	-0.487128423
-0.934746865	-0.97159837	-0.970675403
-0.868913994	-0.952286438	-0.946196463
-0.959263063	-0.984618026	-0.983434493
-0.510648323	-0.366500534	-0.408078906
-0.318173893	-0.459236334	-0.455937719
-0.242353857	-0.132705384	-0.145733545
-0.929549142	-0.952034566	-0.951196693
-0.923108762	-0.955425138	-0.952088499
-0.92869489	-0.953695957	-0.955504655
-0.343894915	-0.155339856	-0.084166377
-0.444994482	-0.673327282	-0.704090968
-0.396909652	-0.289096677	-0.353544696
-0.895804978	-0.978634991	-0.974965939
-0.919848139	-0.973671169	-0.971899418
-0.918892519	-0.974117912	-0.969403035
-0.327459578	-0.473026231	-0.581240191
-0.183325647	-0.463270578	-0.575733291
-0.255590314	-0.125179587	-0.26298447
-0.953251157	-0.987730604	-0.986147263
-0.954119826	-0.983709233	-0.981832336
-0.93678697	-0.968403946	-0.97179328
-0.562714529	-0.602581618	-0.624351924
-0.456841325	-0.734159449	-0.787781591
-0.424170737	-0.463172054	-0.485158907
-0.906471229	-0.968315588	-0.965997015
-0.91090966	-0.967491628	-0.964770799
-0.903400581	-0.955806255	-0.95229047

-0.499759797	-0.515065336	-0.517675799
-0.166969378	-0.600582998	-0.671290562
-0.387780104	-0.484196485	-0.544988519
-0.962459956	-0.992191529	-0.991409101
-0.92296155	-0.965614081	-0.965055815
-0.933701315	-0.960976822	-0.960772876
-0.599745438	-0.751914457	-0.773574065
-0.381223383	-0.795986114	-0.822428719
-0.380559427	-0.668340528	-0.714229669
-0.960711242	-0.987255973	-0.985607229
-0.977437711	-0.99298102	-0.992277469
-0.954849054	-0.985978837	-0.983569468
-0.494802215	-0.561176441	-0.564934013
-0.564435087	-0.714332592	-0.733130764
-0.423553972	-0.458227491	-0.486780424
-0.948460979	-0.978484454	-0.979256387
-0.850033172	-0.963059792	-0.962909739
-0.940373828	-0.963949607	-0.961911612
-0.379951835	-0.338527134	-0.349285611
-0.4707708	-0.656088544	-0.7122615
-0.400560061	-0.266399903	-0.343094861
-0.964268098	-0.991723742	-0.991219446
-0.946857485	-0.977197404	-0.97646733
-0.946133432	-0.978150814	-0.972798632
-0.265504552	-0.591036936	-0.655677662
0.236659662	-0.457250612	-0.564964076
-0.223927431	-0.254747132	-0.356849425
-0.946517964	-0.987324239	-0.987065178
-0.934815561	-0.969175637	-0.966019259
-0.917760105	-0.966455343	-0.963666018
-0.481750219	-0.645075178	-0.654010147
-0.30858587	-0.731422358	-0.793104483
-0.349387206	-0.565396131	-0.593472444
-0.963378228	-0.990180959	-0.989503942
-0.928838304	-0.983188092	-0.980329709
-0.923682245	-0.975727854	-0.972645711
-0.721137002	-0.72068229	-0.745726854
-0.532486722	-0.787833632	-0.825314327
-0.479939846	-0.58966315	-0.633479805
-0.938863215	-0.989363136	-0.987506349
-0.963574736	-0.99117243	-0.990672801
-0.958975084	-0.988695278	-0.988058401
-0.615320078	-0.58271186	-0.520385479
-0.49644458	-0.669008764	-0.724155743
-0.428868688	-0.57734888	-0.643399204
-0.974710853	-0.995204564	-0.993624524
-0.977263419	-0.992723939	-0.992177304
-0.960023839	-0.982765526	-0.981983438
-0.668908147	-0.710596311	-0.769408386
-0.533044636	-0.826193161	-0.860910992
-0.533844932	-0.744236045	-0.763430802
-0.981252633	-0.994808188	-0.994967622
-0.959113457	-0.988960669	-0.988407465
-0.981468842	-0.991901008	-0.992737962
-0.141598402	-0.262442823	-0.336148733

-0.377132753	-0.477183915	-0.588289661
0.032036667	-0.02290453	-0.143254548
-0.950484417	-0.986727418	-0.985416445
-0.936723548	-0.98453661	-0.982228582
-0.957496024	-0.98189047	-0.979327847
-0.196210236	-0.180365335	-0.171975765
-0.360948342	-0.450393446	-0.502821544
-0.151681987	-0.311668473	-0.281657286
-0.943725756	-0.976108354	-0.975226588
-0.849127347	-0.929600007	-0.92722572
-0.964205915	-0.981119821	-0.981986153
-0.512249343	-0.499597203	-0.429323466
-0.483407096	-0.628915749	-0.70098041
-0.484489974	-0.490804948	-0.571666834
-0.972027251	-0.990014273	-0.991062205
-0.947763173	-0.976126761	-0.97770662
-0.949736575	-0.982993315	-0.982305117
-0.464019127	-0.553946122	-0.47640527
-0.234023032	-0.667996003	-0.709870535
-0.341863672	-0.583510518	-0.697451439
-0.93356301	-0.977775448	-0.976318115
-0.900222411	-0.968377798	-0.965344727
-0.923552358	-0.976638981	-0.972789021
-0.061476585	0.146618569	0.287834616
-0.470491576	-0.51871565	-0.632659462
-0.218930426	0.074675464	-0.039857378
-0.938680777	-0.980707211	-0.978499038
-0.924805421	-0.972598811	-0.973849691
-0.959025538	-0.981846854	-0.981585141
-0.668032802	-0.571594392	-0.567447732
-0.54907099	-0.64611467	-0.653876951
-0.47014727	-0.474449926	-0.478030486
-0.969105899	-0.990854751	-0.990933058
-0.954407177	-0.981119238	-0.9797551
-0.961369085	-0.978596741	-0.980096981
-0.529262243	-0.770300896	-0.75738578
-0.386612993	-0.822403906	-0.841061012
-0.42370733	-0.687034281	-0.693032409
-0.970321897	-0.991781702	-0.99201956
-0.961090397	-0.98401783	-0.983098936
-0.850661341	-0.968251609	-0.970457948
-0.609466217	-0.619461036	-0.612930343
-0.569632	-0.673580663	-0.669846295
-0.392990653	-0.472200753	-0.489497379
-0.963650652	-0.993985448	-0.99420977
-0.962967606	-0.985762256	-0.983313996
-0.966139219	-0.990430914	-0.989628012
-0.546888146	-0.6232882	-0.639242384
-0.523335975	-0.719179804	-0.751714313
-0.397984196	-0.467777769	-0.502831373
-0.970528266	-0.992390264	-0.991967776
-0.96540017	-0.989418483	-0.988579092
-0.971806237	-0.993563779	-0.993552299
-0.516811574	-0.595965104	-0.589071731
-0.528187017	-0.662505819	-0.704852757

-0.362903837	-0.396720714	-0.464722244
-0.953534293	-0.979465869	-0.97839537
-0.878459662	-0.958758577	-0.955983425
-0.931675004	-0.971830582	-0.969319821
-0.429156831	-0.628501116	-0.618667723
-0.07433147	-0.697454553	-0.756464186
-0.323024575	-0.596578626	-0.626675982
-0.971011373	-0.995063049	-0.994742028
-0.975938729	-0.991672052	-0.991516778
-0.976679046	-0.997617389	-0.997585231
-0.331541741	-0.547621753	-0.578580045
-0.151472278	-0.773974452	-0.791349425
-0.252361883	-0.617578814	-0.645503942
-0.959513937	-0.991750682	-0.990946425
-0.888872228	-0.959242165	-0.955008564
-0.952644449	-0.977821336	-0.975481549