subject	activity	Avg_tBodyAccmean	Avg_tBodyAccstd	Avg_tGravityAccr	Avg_tGravityAccstd
1	laying	0.221598244	-0.928056469	-0.248881798	-0.896830018
1	sitting	0.261237565	-0.977229008	0.831509933	-0.968457146
1	standing	0.278917629	-0.995759902	0.942952	-0.993762985
1	walking	0.277330759	-0.283740259	0.935223201	-0.976609643
1	walking do	0.28918832	0.030035338	0.931874419	-0.950559812
1	walking up	0.25546169	-0.354708025	0.893351098	-0.956367028
2	laying	0.281373404	-0.974059465	-0.509754238	-0.959014441
2	sitting	0.277087352	-0.98682228	0.940477273	-0.979988761
2	standing	0.277911472	-0.987271889	0.896928567	-0.986685819
2	walking	0.276426586	-0.423642838	0.913017333	-0.972693201
2	walking do	0.277615348	0.046366681	0.861831346	-0.94036176
2	walking up	0.24716479	-0.304376406	0.790717419	-0.93440774
3	laying	0.275516853	-0.982776639	-0.241758478	-0.982512193
3	sitting	0.257197599	-0.971010121	0.901098985	-0.957324458
3	standing	0.280046513	-0.966742543	0.935030779	-0.982020428
3	walking	0.275567462	-0.360356726	0.936506743	-0.977771591
3	walking do	0.292423485	-0.057410048	0.939057788	-0.95006113
3	walking up	0.260819873	-0.313123438	0.883533436	-0.944040819
4	laying	0.263559215	-0.954193739	-0.420664662	-0.921199966
4	sitting	0.27153828	-0.980309931	0.869303006	-0.981405295
4	standing	0.280499746	-0.97692058	0.956197791	-0.972908356
4	walking	0.278582015	-0.440829971	0.963999697	-0.983826495
4	walking do	0.27996533	0.01119355	0.947731859	-0.955258881
4	walking up	0.270876697	-0.204933043	0.946264314	-0.958495236
5	laying	0.278334326	-0.96593451	-0.483470598	-0.945695336
5	sitting	0.27369414	-0.980945022	0.880731444	-0.983137542
5	standing	0.282544391	-0.968591816	0.960188699	-0.974088206
5	walking	0.277842346	-0.294098534	0.97262496	-0.979348381
5	walking do	0.293543927	0.27504611	0.956649353	-0.950490939
5	walking up	0.26845947	-0.045723778	0.936821835	-0.953579969
6	laying	0.24865652	-0.934049422	-0.476709879	-0.88774631
6	sitting	0.276778487	-0.980164934	0.933692935	-0.988872369
6	standing	0.280346249	-0.98175816	0.945139004	-0.985583067
6	walking	0.283658868	-0.296538717	0.958067455	-0.977779896
6	walking do	0.277045258	0.38368164	0.928531455	-0.954406268
6	walking up	0.268229355	-0.050135019	0.913632242	-0.959399425
7	laying	0.250176694	-0.93651361	-0.502814251	-0.91422127
7	sitting	0.284674637	-0.972668375	0.969147824	-0.957082433
7	standing	0.282723539	-0.97930757	0.958728688	-0.987917504
7	walking	0.275592962	-0.327243241	0.932566472	-0.979851271
7	walking do	0.28030708	0.06608156	0.930623633	-0.964875963
7	walking up	0.248706923	-0.294872974	0.81874656	-0.932823053
8	laying	0.261254283	-0.943041215	-0.405930036	-0.918873192
8	sitting	0.267491473	-0.979026152	0.832453878	-0.966757967
8	standing	0.279620986	-0.988815418	0.957669921	-0.987690217
8	walking	0.27468631	-0.173605736	0.913586348	-0.97475205

8 walking do	0.283484089	0.024139347	0.914023498	-0.945766562
8 walking up	0.258880152	-0.171712175	0.860368719	-0.926673288
9 laying	0.259195537	-0.94233309	-0.580252835	-0.921821063
9 sitting	0.248326744	-0.957227791	0.916324511	-0.955280406
9 standing	0.282310057	-0.975741252	0.961323502	-0.98910316
9 walking	0.278502842	-0.238353563	0.95186708	-0.980971974
9 walking do	0.295923445	0.213392271	0.938417773	-0.952141221
9 walking up	0.262436476	-0.361444378	0.902647778	-0.954383557
10 laying	0.280230574	-0.968283685	-0.453069738	-0.954531942
10 sitting	0.270612056	-0.982901826	0.791887198	-0.973128354
10 standing	0.276650301	-0.978403482	0.954008785	-0.991259485
10 walking	0.278574077	-0.178709734	0.96309215	-0.974435158
10 walking do	0.290401594	0.295733548	0.939807421	-0.939267613
10 walking up	0.267121853	-0.161591924	0.931861027	-0.959216072
11 laying	0.280592971	-0.98477733	-0.134832031	-0.979565602
11 sitting	0.276590197	-0.982796562	0.871963798	-0.988069341
11 standing	0.277715563	-0.994978879	0.956464536	-0.994529398
11 walking	0.271821893	-0.422842072	0.946468451	-0.981101014
11 walking do	0.291605632	0.142456557	0.941746407	-0.954497499
11 walking up	0.263775859	-0.238802959	0.892626156	-0.953463106
12 laying	0.260113433	-0.95531868	-0.378592065	-0.936458309
12 sitting	0.275007225	-0.982568782	0.926228975	-0.985203642
12 standing	0.277405835	-0.981243992	0.957317822	-0.98531421
12 walking	0.277128666	-0.128898533	0.966873515	-0.97911312
12 walking do	0.281521097	0.042408492	0.949861981	-0.959504017
12 walking up	0.272970339	-0.290149192	0.938371473	-0.96024629
13 laying	0.27671636	-0.968891989	-0.156852206	-0.957875245
13 sitting	0.2743285	-0.989546275	0.925576512	-0.981379113
13 standing	0.277758431	-0.991020759	0.942695297	-0.992232402
13 walking	0.27588313	-0.346980394	0.910855709	-0.972544922
13 walking do	0.294907553	-0.068156363	0.94187562	-0.952643084
13 walking up	0.25820394	-0.296284597	0.847634313	-0.946441502
14 laying	0.23327544	-0.917501887	-0.145483632	-0.862136937
14 sitting	0.279990577	-0.976302248	0.93903876	-0.976280399
14 standing	0.280545614	-0.973268905	0.875319569	-0.972005366
14 walking	0.271959599	-0.402639098	0.802973962	-0.974816884
14 walking do	0.293422116	0.01783134	0.81629643	-0.919098794
14 walking up	0.262421066	-0.309396718	0.688256122	-0.928523641
15 laying	0.289475653	-0.972255552	-0.171993055	-0.961509743
15 sitting	0.27290338	-0.987084356	0.890364262	-0.982620884
15 standing	0.278915804	-0.988949247	0.9655289	-0.988432085
15 walking	0.273899208	-0.327961801	0.951524391	-0.978397288
15 walking do	0.280198851	0.406471051	0.9323022	-0.942806478
15 walking up	0.270187596	-0.026097184	0.918544812	-0.952562396
16 laying	0.274227163	-0.973691429	-0.206783742	-0.963761978
16 sitting	0.280768574	-0.986825605	0.942457378	-0.980158243
16 standing	0.283497403	-0.989076812	0.941587749	-0.98535969

16	walking	0.276023565	-0.404692524	0.925981326	-0.982469595
16	walking dov	0.295586802	0.207251998	0.917818427	-0.957785118
16	walking up:	0.255986103	-0.397083832	0.826874283	-0.948413553
17	laying	0.269780086	-0.972960567	-0.19913309	-0.961063222
17	sitting	0.27735702	-0.994443905	0.944883748	-0.990196617
17	standing	0.277942503	-0.99116392	0.904678547	-0.985751366
17	walking	0.272341855	-0.319500173	0.928112369	-0.980983352
17	walking dov	0.293918283	0.18771976	0.928817578	-0.950026242
17	walking up:	0.252604769	-0.062952754	0.853530566	-0.949460372
18	laying	0.274691577	-0.984527649	-0.220600509	-0.982715988
18	sitting	0.277270019	-0.994347989	0.909816469	-0.994043771
18	standing	0.278458806	-0.992019763	0.94757324	-0.994270075
18	walking	0.273887759	-0.376005521	0.923865249	-0.983010883
18	walking dov	0.288439469	-0.302634565	0.932277478	-0.960404875
18	walking up:	0.265401202	-0.380168287	0.883330258	-0.961738807
19	laying	0.272653733	-0.96501958	-0.680043155	-0.958959611
19	sitting	0.273830316	-0.976357663	0.581371509	-0.96935501
19	standing	0.27817226	-0.989910997	0.944045838	-0.992411542
19	walking	0.273931172	-0.048904941	0.935222559	-0.969861463
19	walking dov	0.262688054	0.626917071	0.881940855	-0.899726139
19	walking up:	0.242118809	-0.128742095	0.829428373	-0.916495992
20	laying	0.239507882	-0.962249115	-0.472431416	-0.928674215
20	sitting	0.278045439	-0.983081859	0.924454522	-0.985829034
20	standing	0.278076905	-0.967209961	0.911231752	-0.981916942
20	walking	0.272589336	-0.208342792	0.899965206	-0.970327266
20	walking dov	0.296144421	0.074509879	0.91972663	-0.940458075
20	walking up:	0.252098317	-0.116088676	0.777095717	-0.931405014
21	laying	0.271325472	-0.955019866	-0.174349175	-0.945905271
21	sitting	0.277539617	-0.991777287	0.940031368	-0.992936404
21	standing	0.276952243	-0.981419961	0.881213342	-0.982906669
21	walking	0.279183527	-0.297814844	0.862524801	-0.969576355
21	walking dov	0.30146102	0.224343492	0.872683206	-0.940194828
21	walking up:	0.265194545	-0.240808282	0.781177211	-0.940911636
22	laying	0.279959721	-0.947735252	-0.418494577	-0.928781249
22	sitting	0.273583823	-0.978466824	0.839305929	-0.972009989
22	standing	0.279053862	-0.985000527	0.954064298	-0.992827298
22	walking	0.27886459	-0.008659219	0.93609641	-0.969643448
22	walking dov	0.284458964	0.348618168	0.921820642	-0.941242335
22	walking up:	0.248391535	0.083573864	0.889454383	-0.94063384
23	laying	0.274038008	-0.956756363	-0.391564963	-0.947948758
23	sitting	0.273351252	-0.987607637	0.936509243	-0.984536722
23	standing	0.277899323	-0.98542152	0.919857126	-0.984610385
23	walking	0.273211884	-0.313521773	0.939809689	-0.977230904
23	walking dov	0.289897411	0.044139284	0.923711401	-0.950790837
23	walking up:	0.249995171	-0.243887819	0.84343881	-0.933344482
24	laying	0.272850495	-0.967984021	-0.359292534	-0.960412164
24	sitting	0.27347569	-0.990593767	0.919637604	-0.98966015

24	standing	0.280348884	-0.987255871	0.96644228	-0.992197592
24	walking	0.276980816	-0.470762366	0.959701081	-0.9831324
24	walking do	0.288631209	-0.082732481	0.950883417	-0.961845327
24	walking up	0.269881107	-0.344399351	0.906369501	-0.962190567
25	laying	0.250791829	-0.909116474	-0.461102531	-0.829554948
25	sitting	0.278541482	-0.991892829	0.865686078	-0.988879981
25	standing	0.278013702	-0.991970127	0.929794733	-0.993148268
25	walking	0.278992759	-0.596007444	0.937483114	-0.979499263
25	walking do	0.291329666	-0.253756934	0.929627532	-0.964470067
25	walking up	0.277995411	-0.459775646	0.92769324	-0.95087845
26	laying	0.271645865	-0.969445445	-0.621309715	-0.944472489
26	sitting	0.25824353	-0.979768988	0.782955612	-0.965082926
26	standing	0.281127035	-0.993069369	0.965460892	-0.992678782
26	walking	0.279264444	-0.340185528	0.960647755	-0.980055651
26	walking do	0.279284583	0.17395385	0.946797272	-0.962721992
26	walking up	0.272691395	-0.169006952	0.942095257	-0.962011392
27	laying	0.274102492	-0.978455153	-0.530434605	-0.971183863
27	sitting	0.273941303	-0.988580108	0.839464714	-0.982445738
27	standing	0.279566922	-0.991951584	0.965351492	-0.994012163
27	walking	0.276849485	-0.348475561	0.944759287	-0.979866137
27	walking do	0.297544188	0.167407531	0.931380179	-0.946975165
27	walking up	0.265770254	-0.295439547	0.868000279	-0.956433875
28	laying	0.275913483	-0.968888296	-0.490334542	-0.970599089
28	sitting	0.276977629	-0.983272807	0.907331309	-0.9891325
28	standing	0.277795069	-0.977748639	0.948514848	-0.990059427
28	walking	0.281228224	-0.293003522	0.942930276	-0.976693903
28	walking do	0.293642077	0.125712888	0.92929168	-0.956921542
28	walking up	0.262005842	-0.24206243	0.854508232	-0.9446978
29	laying	0.287295197	-0.984219556	-0.346789843	-0.97293989
29	sitting	0.277179978	-0.99074502	0.891563755	-0.984679152
29	standing	0.277965066	-0.996068635	0.974508732	-0.996764227
29	walking	0.271999917	-0.17433794	0.962374385	-0.978253539
29	walking do	0.293140441	0.167383602	0.948486215	-0.941736193
29	walking up	0.265423067	-0.086771557	0.929258954	-0.954189013
30	laying	0.281033901	-0.976362515	-0.344737755	-0.979563943
30	sitting	0.268336081	-0.983622744	0.825473837	-0.978364712
30	standing	0.277112699	-0.977559427	0.968556705	-0.996420919
30	walking	0.276406758	-0.346394275	0.965217551	-0.979752467
30	walking do	0.283190647	-0.057770316	0.958000491	-0.958890389
30	walking up	0.271415642	-0.350504475	0.93182983	-0.954033624

Avg_tBodyAccJerk	Avg_tBodyAccJerk	Avg_tBody	Avg_tBodyGyros	Avg_tBodyGyroJerk	Avg_tBodyGyroJerks
0.081086534	-0.958482112	-0.01655	-0.873543868	-0.107270949	-0.918608521
0.07748252	-0.986430711	-0.04535	-0.977211283	-0.093679381	-0.991731592
0.075376654	-0.994604542	-0.02399	-0.987191947	-0.099609213	-0.992945107
0.074041633	-0.113615602	-0.04183	-0.473535486	-0.089997542	-0.207421855
0.054155316	-0.012283861	-0.03508	-0.458030543	-0.073959204	-0.487027342
0.10137273	-0.446843888	0.050549	-0.544871105	-0.122232768	-0.614786508
0.082597251	-0.985872169	-0.01848	-0.988275233	-0.101974134	-0.993235849
0.072256439	-0.988055854	-0.04547	-0.985742028	-0.093632841	-0.989709023
0.07475886	-0.981085716	-0.02386	-0.97299863	-0.105562158	-0.979324001
0.06180807	-0.277530463	-0.05303	-0.561550256	-0.081883343	-0.389549832
0.110040616	0.147249143	-0.11595	-0.32078923	-0.05810385	-0.243940593
0.074450784	-0.276121886	-0.05769	-0.439253059	-0.0828858	-0.464854363
0.076981113	-0.980879315	-0.02082	-0.974545752	-0.100044499	-0.980328645
0.072609842	-0.97446739	-0.03854	-0.965434768	-0.103605889	-0.972546906
0.075090062	-0.957086489	-0.02466	-0.900462228	-0.099460262	-0.940937642
0.081474588	-0.268679644	-0.02564	-0.57186956	-0.095239817	-0.385922986
0.072568929	-0.085801004	-0.13157	-0.261653414	-0.077870165	-0.285683162
0.042688099	-0.458364617	0.072198	-0.456039263	-0.115510569	-0.507270758
0.093449422	-0.978302781	-0.00923	-0.973102422	-0.105019878	-0.975103204
0.078450024	-0.976742196	-0.04944	-0.97013179	-0.096949484	-0.969899731
0.072132838	-0.972586542	-0.03064	-0.909687974	-0.103057894	-0.949633879
0.078352908	-0.297042613	-0.0318	-0.500916659	-0.115321556	-0.492341067
0.097186275	-0.145759709	-0.10284	-0.370244695	-0.092128273	-0.395995494
0.056097191	-0.380488027	0.039383	-0.454431043	-0.131472071	-0.533666804
0.084816482	-0.983307862	-0.02189	-0.979498707	-0.102114125	-0.983422258
0.074957741	-0.97520485	-0.04224	-0.966225485	-0.088974767	-0.966037012
0.072518986	-0.96264708	-0.03227	-0.910395222	-0.092224986	-0.941930044
0.084588883	-0.302891025	-0.04889	-0.490877498	-0.088840836	-0.357681403
0.1096506	0.03224155	-0.06829	-0.460646845	-0.110149008	-0.411302217
0.079544348	-0.223896564	0.039519	-0.443342262	-0.143029686	-0.305245202
0.096348196	-0.966341055	-0.00796	-0.955378225	-0.111267285	-0.939611608
0.075472164	-0.969929476	-0.03724	-0.957367682	-0.093669352	-0.943714805
0.07306996	-0.973132636	-0.02825	-0.947561299	-0.103292534	-0.946423593
0.069958588	-0.132784767	-0.02551	-0.446020953	-0.087889109	-0.182600934
0.103681344	0.165271071	-0.09608	-0.198303853	-0.025645223	0.039338796
0.07210675	-0.180301156	-0.07674	-0.321973724	-0.065202449	-0.186763294
0.096890402	-0.980977756	-0.00283	-0.960126823	-0.105944243	-0.973837233
0.066851979	-0.982158098	-0.04964	-0.941870953	-0.093815563	-0.974369046
0.075191511	-0.976403545	-0.02916	-0.945247687	-0.090153966	-0.965983398
0.090146265	-0.346026226	0.002288	-0.503313517	-0.1236542	-0.211667297
0.096892618	0.028503393	-0.10541	-0.407744096	-0.059727351	-0.510731018
0.072464994	-0.415153116	-0.13878	-0.363853237	-0.085664087	-0.616812659
0.08783269	-0.973253042	0.005354	-0.965204018	-0.106445008	-0.969924077
0.078671376	-0.985188754	-0.05474	-0.984524053	-0.092315025	-0.993264647
0.075373905	-0.98919888	-0.02197	-0.97299038	-0.097757576	-0.981573086
0.070339349	-0.258688628	0.023509	-0.199209718	-0.135886431	-0.24608275

0.118938088	0.250143725	-0.12119	-0.258430886	-0.034928349	-0.267887897
0.081381681	-0.186618895	0.192704	-0.367428367	-0.155445674	-0.405070692
0.088073448	-0.96474047	-0.01363	-0.94224651	-0.10384668	-0.945329035
0.077005006	-0.964535856	-0.04233	-0.959020049	-0.093070811	-0.964532345
0.076003205	-0.969973399	-0.02918	-0.921990612	-0.095897704	-0.949105692
0.070435727	-0.206733788	-0.08084	-0.476163507	-0.080920409	-0.526985309
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0.069226625	-0.335291645	-0.16397	-0.343976631	-0.068468959	-0.660419534
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0.077537251	-0.988946414	-0.04324	-0.988873097	-0.093155503	-0.992326657
0.080978439	-0.96431149	-0.02819	-0.929895058	-0.104753833	-0.950367548
0.085794381	-0.052199101	0.010689	-0.414205475	-0.122709563	-0.366063723
0.100959387	0.223275806	-0.12484	-0.304745377	-0.064376401	-0.416986139
0.06488293	-0.187220176	0.073345	-0.308534708	-0.157212539	-0.427291344
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0.076177732	-0.980335164	-0.04	-0.988164912	-0.094842348	-0.990501518
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0.082970933	-0.428516344	-0.04269	-0.596346931	-0.09182042	-0.541616397
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0.096856168	-0.452961684	-0.08209	-0.50133163	-0.064524541	-0.660431336
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0.045764401	-0.013506611	-0.10451	-0.546263471	-0.062238932	-0.390807238
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0.072866081	-0.359856972	-0.09312	-0.526659296	-0.045563887	-0.549999188
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0.075286588	-0.992827264	-0.03551	-0.985844263	-0.095919849	-0.991371017
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0.101704538	-0.074090805	-0.12267	-0.417014162	-0.064719984	-0.463736674
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0.073793375	-0.978248526	-0.02209	-0.961091762	-0.100718459	-0.969948875
0.072087791	-0.45449702	-0.00348	-0.600388222	-0.110656055	-0.571759912
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0.076751544	-0.981739387	-0.01683	-0.957167681	-0.102266714	-0.973923951
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0.07522807	-0.985459068	-0.02624	-0.947790802	-0.101358786	-0.971514312
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0.071145716	0.134593836	-0.13662	-0.318692526	-0.048253208	-0.455980756
0.072972433	-0.186944665	0.090334	-0.415251318	-0.144485987	-0.52553395
0.078396027	-0.988416724	-0.01615	-0.97701077	-0.102209572	-0.985835459
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0.076252668	-0.52108914	0.071841	-0.508087167	-0.140908294	-0.707264169
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0.075070986	-0.994340603	-0.04255	-0.989638326	-0.094247697	-0.995255937
0.074086496	-0.992094006	-0.02696	-0.981373083	-0.101289169	-0.989257196
0.077318858	-0.355492635	-0.00922	-0.479813513	-0.109959238	-0.431296148
0.118250858	-0.103436471	0.067773	-0.370436869	-0.107770029	-0.526801825
0.076804417	-0.292665827	-0.03043	-0.496562733	-0.142655398	-0.606044344
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0.076622889	-0.991624662	-0.03331	-0.991956959	-0.095472323	-0.994170191
0.075353948	-0.989436674	-0.02659	-0.96225425	-0.098717402	-0.981970966
0.076752428	-0.368056914	-0.03994	-0.704439778	-0.09664353	-0.578133968
0.080904405	-0.387223932	-0.05765	-0.502473034	-0.083656657	-0.676716182
0.081240203	-0.563202135	-0.04707	-0.593841504	-0.089995304	-0.760689029
0.0772318	-0.983605223	-0.03121	-0.981357611	-0.095601827	-0.976105663
0.075374713	-0.987043285	-0.02142	-0.984625307	-0.100986131	-0.988464753
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0.073093031	0.544273037	-0.20578	0.267657219	-0.033742958	0.17914865
0.083154508	-0.174279056	0.038854	-0.406800033	-0.101806304	-0.239376411
0.089271601	-0.984270728	-0.02318	-0.984477414	-0.099503307	-0.989283577
0.074656839	-0.982078229	-0.03641	-0.976309017	-0.095997082	-0.977414911
0.076355616	-0.959528332	-0.02413	-0.886749173	-0.102049133	-0.92164424
0.084123432	-0.090645042	-0.02341	-0.232940614	-0.067999237	-0.253227445
0.069503106	-0.135699627	-0.11137	-0.204939568	-0.045250307	-0.249235099
0.083645126	-0.185695388	0.065919	-0.492701194	-0.148389169	-0.471107678
0.08201502	-0.984826521	-0.03051	-0.975411858	-0.096411838	-0.984643717
0.075710979	-0.989439392	-0.01987	-0.988410501	-0.101114775	-0.989472968
0.075454386	-0.97706335	-0.01917	-0.962514526	-0.103199796	-0.971866495
0.078225182	-0.114888874	-0.04593	-0.432232884	-0.086876771	-0.238908311
0.090145288	0.002146557	-0.12639	-0.442148618	-0.072646185	-0.54964832
0.104034223	-0.424052015	0.062609	-0.531909419	-0.144351493	-0.573541839
0.075220224	-0.970355192	-0.02083	-0.956641906	-0.100203935	-0.972092603
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0.075232289	-0.975639081	-0.02752	-0.917837043	-0.097501347	-0.949716029
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0.087717224	-0.008539927	0.134979	-0.30149171	-0.148450081	-0.396699215
0.083178761	-0.986360447	-0.01134	-0.981849401	-0.102024923	-0.98502785
0.077002235	-0.984561804	-0.04726	-0.980363734	-0.096742219	-0.987084634
0.075020648	-0.983141959	-0.03274	-0.94201124	-0.098148105	-0.972770702
0.098731909	-0.229328122	-0.06312	-0.494322649	-0.057812824	-0.363969435
0.057801061	0.198947062	-0.05782	-0.416133033	-0.117725824	-0.3230157
0.072364998	-0.365398623	0.095794	-0.550664577	-0.109913094	-0.548318882
0.080721233	-0.986365434	-0.01437	-0.98265172	-0.10281381	-0.979865721
0.076331853	-0.988564382	-0.03562	-0.988111649	-0.095178266	-0.991442008

0.074617742	-0.980573837	-0.02786	-0.96073866	-0.099194772	-0.975856809
0.073193898	-0.485863255	-0.05451	-0.580597373	-0.062531168	-0.490773456
0.080261983	-0.337218894	-0.08671	-0.431919068	-0.091414501	-0.35844455
0.08623101	-0.498764672	0.088316	-0.577426409	-0.146800846	-0.640489538
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0.07523373	-0.988312658	-0.02479	-0.971357421	-0.100473698	-0.977909694
0.072172071	-0.607620932	-0.01563	-0.401158754	-0.102377269	-0.507957094
0.110656929	-0.501968388	0.002991	-0.288824755	-0.127952445	-0.430134388
0.074004144	-0.663642746	0.055612	-0.489011795	-0.126481161	-0.693854902
0.086650253	-0.989315825	-0.01707	-0.990328198	-0.100368641	-0.992665155
0.076444323	-0.992258395	-0.03702	-0.991027701	-0.095984817	-0.995882512
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0.065230374	-0.328452881	-0.00334	-0.492885711	-0.099411456	-0.417438636
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0.076626855	-0.986471899	-0.01954	-0.988837212	-0.101147695	-0.993503721
0.077903896	-0.990658098	-0.03718	-0.988492425	-0.095163581	-0.993640318
0.074969981	-0.987628362	-0.02673	-0.969902008	-0.098760508	-0.98264245
0.068433197	-0.316184022	-0.08559	-0.606860249	-0.078616351	-0.523256879
0.093627322	-0.003583389	-0.15983	-0.363722908	-0.051581475	-0.493837613
0.073476353	-0.468066189	-0.09403	-0.562461005	-0.093751871	-0.695774948
0.078077064	-0.980164717	-0.01737	-0.95516228	-0.104511627	-0.960802949
0.076867162	-0.976286679	-0.0339	-0.979671983	-0.095393506	-0.982155663
0.07531316	-0.96860456	-0.02533	-0.884032232	-0.102248409	-0.928343398
0.093112223	-0.335700184	-0.1059	-0.503798624	-0.092974671	-0.399417083
0.097265346	-0.016765223	-0.1411	-0.268106331	-0.026649298	-0.163944897
0.070683187	-0.312671656	-0.12936	-0.518818228	-0.080568055	-0.494282914
0.07188612	-0.992005989	-0.02583	-0.994276591	-0.099533988	-0.996542541
0.07454381	-0.99352556	-0.03793	-0.990178705	-0.0953637	-0.99332203
0.075305253	-0.993652821	-0.02761	-0.97799482	-0.098870151	-0.983293062
0.085374335	-0.221433543	-0.00796	-0.598868671	-0.106888303	-0.395909622
0.063687197	-0.023952574	-0.03741	-0.282077258	-0.074398647	-0.347807557
0.106345193	-0.182365815	0.093199	-0.323904732	-0.130429073	-0.474932606
0.075219667	-0.977463776	-0.02678	-0.973662822	-0.102277359	-0.983775834
0.076005773	-0.988864577	-0.03584	-0.98813267	-0.095270768	-0.993868545
0.075241447	-0.968430745	-0.02761	-0.911408518	-0.099716023	-0.960119074
0.068868997	-0.374400941	-0.04595	-0.387920594	-0.087383992	-0.460345386
0.088393304	-0.226643901	-0.07456	-0.265923161	-0.061595458	-0.542764507
0.057984037	-0.535420203	-0.00356	-0.493837521	-0.108414261	-0.74274953

Avg_tBody	Avg_tBody	Avg_tGravi	Avg_tGravi	Avg_tBody	Avg_tBody	Avg_tBody	Avg_tBody	Avg_tBody
-0.84193	-0.79514	-0.84193	-0.79514	-0.9544	-0.92825	-0.87476	-0.81901	-0.96346
-0.94854	-0.92708	-0.94854	-0.92708	-0.98736	-0.98412	-0.93089	-0.93453	-0.99198
-0.98428	-0.98194	-0.98428	-0.98194	-0.99237	-0.9931	-0.97649	-0.97869	-0.99497
-0.13697	-0.21969	-0.13697	-0.21969	-0.14143	-0.07447	-0.16098	-0.18698	-0.2987
0.027188	0.019884	0.027188	0.019884	-0.08945	-0.02579	-0.07574	-0.22572	-0.29546
-0.12993	-0.32497	-0.12993	-0.32497	-0.4665	-0.47899	-0.12674	-0.14862	-0.59488
-0.97744	-0.97287	-0.97744	-0.97287	-0.98774	-0.98552	-0.95001	-0.96116	-0.99177
-0.96789	-0.95308	-0.96789	-0.95308	-0.98677	-0.98448	-0.94604	-0.96131	-0.99108
-0.96588	-0.95787	-0.96588	-0.95787	-0.98049	-0.97668	-0.96347	-0.95394	-0.98395
-0.29041	-0.42254	-0.29041	-0.42254	-0.28142	-0.16415	-0.44655	-0.55302	-0.54791
0.089951	0.215586	0.089951	0.215586	0.005655	0.229617	-0.16219	-0.27484	-0.41087
-0.10732	-0.20598	-0.10732	-0.20598	-0.32127	-0.21739	-0.21971	-0.37753	-0.57282
-0.97279	-0.96422	-0.97279	-0.96422	-0.97948	-0.97612	-0.95156	-0.95428	-0.98671
-0.89538	-0.8703	-0.89538	-0.8703	-0.96908	-0.96655	-0.91935	-0.92552	-0.978
-0.92543	-0.91514	-0.92543	-0.91514	-0.9593	-0.94877	-0.89209	-0.88213	-0.96234
-0.25469	-0.32843	-0.25469	-0.32843	-0.28001	-0.13992	-0.46641	-0.56151	-0.56614
-0.06281	-0.04113	-0.06281	-0.04113	-0.20524	-0.09263	-0.21529	-0.24579	-0.50857
-0.18401	-0.3336	-0.18401	-0.3336	-0.4369	-0.43902	-0.34732	-0.40889	-0.65886
-0.95456	-0.93129	-0.95456	-0.93129	-0.9701	-0.96079	-0.93024	-0.94703	-0.98507
-0.93569	-0.91441	-0.93569	-0.91441	-0.97013	-0.96255	-0.92606	-0.9289	-0.98049
-0.90648	-0.89098	-0.90648	-0.89098	-0.96337	-0.95816	-0.90098	-0.88514	-0.96761
-0.31205	-0.52768	-0.31205	-0.52768	-0.3667	-0.31692	-0.49779	-0.55312	-0.6813
-0.04916	-0.08196	-0.04916	-0.08196	-0.22885	-0.21686	-0.34661	-0.38057	-0.59284
-0.1537	-0.21201	-0.1537	-0.21201	-0.40092	-0.43726	-0.29978	-0.51097	-0.68698
-0.96678	-0.95861	-0.96678	-0.95861	-0.98014	-0.97748	-0.94694	-0.95829	-0.98642
-0.93798	-0.92094	-0.93798	-0.92094	-0.96932	-0.96576	-0.9343	-0.93141	-0.97385
-0.9061	-0.87977	-0.9061	-0.87977	-0.95686	-0.94296	-0.90067	-0.86704	-0.95841
-0.15834	-0.37718	-0.15834	-0.37718	-0.28833	-0.28224	-0.35593	-0.49218	-0.44453
0.211139	0.205422	0.211139	0.205422	-0.06375	-0.02926	-0.21803	-0.36068	-0.3972
0.043556	-0.13674	0.043556	-0.13674	-0.2474	-0.31019	-0.23552	-0.35469	-0.47349
-0.91888	-0.89733	-0.91888	-0.89733	-0.95475	-0.95034	-0.90898	-0.92091	-0.95565
-0.94954	-0.93157	-0.94954	-0.93157	-0.96273	-0.94818	-0.9327	-0.92126	-0.96293
-0.94502	-0.93931	-0.94502	-0.93931	-0.9671	-0.9561	-0.9394	-0.91589	-0.96341
-0.16684	-0.26673	-0.16684	-0.26673	-0.19512	-0.0706	-0.28121	-0.3656	-0.32129
0.333755	0.373612	0.333755	0.373612	0.103845	0.209502	0.014268	-0.04263	-0.08294
0.017779	-0.07915	0.017779	-0.07915	-0.20738	-0.16997	-0.12912	-0.19989	-0.3429
-0.93639	-0.90704	-0.93639	-0.90704	-0.98013	-0.96731	-0.91579	-0.91866	-0.98301
-0.91843	-0.88196	-0.91843	-0.88196	-0.97656	-0.97024	-0.89787	-0.89806	-0.98167
-0.94272	-0.93359	-0.94272	-0.93359	-0.97338	-0.96857	-0.94343	-0.91844	-0.97738
-0.09781	-0.19855	-0.09781	-0.19855	-0.19295	-0.02756	-0.30596	-0.19828	-0.30002
0.01988	0.214544	0.01988	0.214544	-0.17032	0.090184	-0.18874	-0.25975	-0.39923
-0.19807	-0.33474	-0.19807	-0.33474	-0.4587	-0.47127	-0.2391	-0.41814	-0.66197
-0.93531	-0.91325	-0.93531	-0.91325	-0.97315	-0.96295	-0.92425	-0.93247	-0.97844
-0.95214	-0.92994	-0.95214	-0.92994	-0.98606	-0.98067	-0.93268	-0.953	-0.99181
-0.95376	-0.93719	-0.95376	-0.93719	-0.98492	-0.97993	-0.95285	-0.95322	-0.98758
0.051679	-0.18041	0.051679	-0.18041	-0.06683	-0.18457	-0.0031	-0.23875	-0.33913

0.176599	0.131338	0.176599	0.131338	0.262628	0.253408	0.099343	-0.04663	-0.12619
0.121027	-0.2272	0.121027	-0.2272	-0.14149	-0.2283	0.166448	-0.10933	-0.40066
-0.93087	-0.91513	-0.93087	-0.91513	-0.96337	-0.95503	-0.90713	-0.89856	-0.96452
-0.89336	-0.86376	-0.89336	-0.86376	-0.96438	-0.95178	-0.90324	-0.90661	-0.97336
-0.94517	-0.93611	-0.94517	-0.93611	-0.96952	-0.96376	-0.92103	-0.90829	-0.96982
-0.09808	-0.37943	-0.09808	-0.37943	-0.20373	-0.31711	-0.29454	-0.48973	-0.51025
0.145886	0.26512	0.145886	0.26512	-0.16238	0.039908	-0.16892	-0.32233	-0.46903
-0.26073	-0.40022	-0.26073	-0.40022	-0.44067	-0.44549	-0.08332	-0.42584	-0.67284
-0.95678	-0.9403	-0.95678	-0.9403	-0.97623	-0.96756	-0.93759	-0.92747	-0.97083
-0.96076	-0.93967	-0.96076	-0.93967	-0.98805	-0.98521	-0.9442	-0.96306	-0.99371
-0.95199	-0.93726	-0.95199	-0.93726	-0.96516	-0.95206	-0.92979	-0.92049	-0.97164
-0.1274	-0.1856	-0.1274	-0.1856	-0.13262	0.037608	-0.15646	-0.40203	-0.44036
0.250844	0.156998	0.250844	0.156998	0.050701	0.110877	-0.02385	-0.28038	-0.40185
-0.02666	-0.21154	-0.02666	-0.21154	-0.26204	-0.22601	0.043857	-0.11306	-0.52346
-0.98062	-0.97289	-0.98062	-0.97289	-0.98333	-0.9765	-0.95252	-0.95471	-0.99064
-0.96197	-0.94458	-0.96197	-0.94458	-0.97936	-0.97451	-0.95188	-0.95996	-0.98952
-0.98485	-0.98031	-0.98485	-0.98031	-0.98924	-0.98885	-0.97998	-0.97707	-0.99343
-0.28832	-0.48774	-0.28832	-0.48774	-0.40233	-0.40314	-0.4218	-0.55836	-0.63073
0.126228	0.050774	0.126228	0.050774	-0.19821	-0.12702	-0.19788	-0.33935	-0.59929
-0.13259	-0.28959	-0.13259	-0.28959	-0.50959	-0.49049	-0.25505	-0.37791	-0.75731
-0.9482	-0.93654	-0.9482	-0.93654	-0.96984	-0.96258	-0.93084	-0.93573	-0.97107
-0.95218	-0.94752	-0.95218	-0.94752	-0.97473	-0.97275	-0.94191	-0.94677	-0.98039
-0.94146	-0.93523	-0.94146	-0.93523	-0.96879	-0.96268	-0.8881	-0.85227	-0.96929
-0.1022	-0.23697	-0.1022	-0.23697	-0.14406	-0.02029	-0.35593	-0.41321	-0.51749
0.018314	0.097261	0.018314	0.097261	-0.10709	0.065578	-0.21335	-0.32046	-0.44283
-0.22918	-0.28584	-0.22918	-0.28584	-0.43247	-0.32983	-0.31656	-0.52569	-0.67497
-0.96052	-0.94794	-0.96052	-0.94794	-0.98547	-0.98007	-0.9443	-0.94469	-0.98545
-0.95769	-0.93794	-0.95769	-0.93794	-0.9895	-0.98881	-0.95114	-0.96394	-0.9926
-0.97156	-0.96852	-0.97156	-0.96852	-0.9868	-0.98187	-0.95783	-0.94498	-0.98364
-0.13564	-0.29255	-0.13564	-0.29255	-0.13321	-0.13179	-0.21867	-0.25324	-0.30351
-0.02946	-0.01561	-0.02946	-0.01561	-0.12793	-0.0434	-0.10211	-0.23676	-0.32355
-0.10115	-0.32634	-0.10115	-0.32634	-0.45619	-0.45123	-0.23718	-0.41566	-0.63196
-0.90598	-0.85659	-0.90598	-0.85659	-0.97258	-0.96645	-0.90467	-0.91343	-0.97562
-0.9442	-0.9255	-0.9442	-0.9255	-0.97652	-0.97334	-0.94276	-0.94708	-0.98832
-0.94346	-0.93674	-0.94346	-0.93674	-0.97297	-0.97044	-0.94353	-0.93143	-0.97487
-0.1444	-0.36381	-0.1444	-0.36381	-0.37729	-0.43975	-0.13721	-0.2014	-0.5199
0.185538	0.428406	0.185538	0.428406	0.03536	0.194709	0.16634	-0.06651	-0.27512
0.140108	-0.01977	0.140108	-0.01977	-0.28366	-0.33709	0.365779	0.299976	-0.39992
-0.95534	-0.94331	-0.95534	-0.94331	-0.97989	-0.97364	-0.94461	-0.92404	-0.98324
-0.95867	-0.93798	-0.95867	-0.93798	-0.98611	-0.98464	-0.95733	-0.96348	-0.99219
-0.96121	-0.9486	-0.96121	-0.9486	-0.9815	-0.97999	-0.94696	-0.93129	-0.98441
-0.18651	-0.32388	-0.18651	-0.32388	-0.32013	-0.31007	-0.24371	-0.4258	-0.54398
0.320449	0.353204	0.320449	0.353204	-0.03727	0.159632	-0.12169	-0.28425	-0.50947
-0.00097	-0.13655	-0.00097	-0.13655	-0.31605	-0.31336	-0.20122	-0.28843	-0.66364
-0.96183	-0.9579	-0.96183	-0.9579	-0.98835	-0.98789	-0.95178	-0.95902	-0.99084
-0.96188	-0.94105	-0.96188	-0.94105	-0.98747	-0.98362	-0.94642	-0.93794	-0.99244
-0.96995	-0.95729	-0.96995	-0.95729	-0.98921	-0.98676	-0.97253	-0.96411	-0.99285

-0.25877	-0.47181	-0.25877	-0.47181	-0.36314	-0.40339	-0.48593	-0.66508	-0.67154
0.19108	0.119184	0.19108	0.119184	-0.16591	-0.07835	-0.30982	-0.42232	-0.5909
-0.23399	-0.3348	-0.23399	-0.3348	-0.48322	-0.49307	-0.30826	-0.51819	-0.73771
-0.95302	-0.94826	-0.95302	-0.94826	-0.98161	-0.98013	-0.96073	-0.95933	-0.98554
-0.97275	-0.96507	-0.97275	-0.96507	-0.99281	-0.99145	-0.96718	-0.97541	-0.99633
-0.97764	-0.97538	-0.97764	-0.97538	-0.99174	-0.99036	-0.97818	-0.97768	-0.99367
-0.15115	-0.46184	-0.15115	-0.46184	-0.30109	-0.27567	-0.33501	-0.52249	-0.51717
0.148951	0.091408	0.148951	0.091408	-0.22163	-0.20658	-0.23264	-0.35269	-0.54033
-0.01281	-0.10288	-0.01281	-0.10288	-0.35723	-0.39091	-0.23519	-0.44084	-0.63737
-0.98646	-0.98646	-0.98646	-0.98646	-0.98832	-0.98953	-0.98074	-0.98056	-0.9931
-0.98367	-0.9816	-0.98367	-0.9816	-0.98987	-0.99116	-0.97763	-0.98137	-0.99487
-0.97261	-0.97229	-0.97261	-0.97229	-0.98597	-0.98602	-0.96301	-0.9598	-0.98869
-0.28791	-0.46035	-0.28791	-0.46035	-0.37927	-0.42542	-0.50047	-0.60851	-0.63649
-0.29353	-0.22993	-0.29353	-0.22993	-0.46652	-0.38252	-0.38102	-0.508	-0.70166
-0.27915	-0.37184	-0.27915	-0.37184	-0.60146	-0.57933	-0.36911	-0.52806	-0.78165
-0.96626	-0.96319	-0.96626	-0.96319	-0.98478	-0.98067	-0.95326	-0.95591	-0.98534
-0.96207	-0.95176	-0.96207	-0.95176	-0.98642	-0.98421	-0.94223	-0.95049	-0.98945
-0.96051	-0.96255	-0.96051	-0.96255	-0.98307	-0.97964	-0.94175	-0.93795	-0.9858
0.064817	-0.09939	0.064817	-0.09939	0.109451	0.035656	0.100045	-0.02185	-0.1647
0.644604	0.413472	0.644604	0.413472	0.43449	0.450612	0.418005	0.237821	0.087582
0.017381	-0.17767	0.017381	-0.17767	-0.11419	-0.28406	-0.06162	-0.2644	-0.37279
-0.96074	-0.93949	-0.96074	-0.93949	-0.98467	-0.98016	-0.96045	-0.96215	-0.98675
-0.95274	-0.93776	-0.95274	-0.93776	-0.97877	-0.97254	-0.93957	-0.94107	-0.98301
-0.92241	-0.91067	-0.92241	-0.91067	-0.95662	-0.93845	-0.88368	-0.84368	-0.94794
0.039402	-0.15693	0.039402	-0.15693	-0.04294	0.021077	0.068628	-0.03679	-0.19489
0.221852	0.172636	0.221852	0.172636	-0.06127	0.046719	0.093842	-0.03058	-0.26818
0.008725	-0.19827	0.008725	-0.19827	-0.25561	-0.23944	0.02233	-0.25393	-0.37193
-0.9526	-0.94219	-0.9526	-0.94219	-0.9828	-0.97855	-0.94928	-0.94929	-0.98592
-0.97473	-0.97199	-0.97473	-0.97199	-0.98595	-0.98652	-0.96497	-0.97123	-0.99031
-0.95877	-0.95692	-0.95877	-0.95692	-0.97477	-0.97161	-0.94984	-0.94561	-0.97686
-0.12346	-0.29971	-0.12346	-0.29971	-0.14814	-0.08385	-0.28478	-0.4083	-0.42693
0.245772	0.264342	0.245772	0.264342	-0.08022	0.095234	-0.18485	-0.38842	-0.45283
-0.08105	-0.27847	-0.08105	-0.27847	-0.35505	-0.40418	-0.16898	-0.42024	-0.57794
-0.93499	-0.90941	-0.93499	-0.90941	-0.97117	-0.95985	-0.92662	-0.92391	-0.98172
-0.94217	-0.92434	-0.94217	-0.92434	-0.9793	-0.96858	-0.94208	-0.93327	-0.98548
-0.95481	-0.93987	-0.95481	-0.93987	-0.97588	-0.95883	-0.93162	-0.90078	-0.9786
0.072242	-0.16159	0.072242	-0.16159	0.02292	0.111533	-0.21061	-0.39078	-0.462
0.330999	0.133267	0.330999	0.133267	-0.01798	-0.03376	-0.16133	-0.26392	-0.45958
0.210283	-0.15876	0.210283	-0.15876	-0.09578	-0.08765	-0.12803	-0.20256	-0.56811
-0.96296	-0.95787	-0.96296	-0.95787	-0.98701	-0.98669	-0.94942	-0.95723	-0.98456
-0.94408	-0.92496	-0.94408	-0.92496	-0.98238	-0.97367	-0.93659	-0.93701	-0.98651
-0.95721	-0.95167	-0.95721	-0.95167	-0.97867	-0.97481	-0.93843	-0.9238	-0.9764
-0.09888	-0.20999	-0.09888	-0.20999	-0.06708	-0.02682	-0.0121	0.163346	0.011531
0.127211	0.230364	0.127211	0.230364	0.112982	0.292087	0.039092	0.053997	-0.04631
-0.01175	-0.27189	-0.01175	-0.27189	-0.31114	-0.36271	-0.15653	-0.36673	-0.50437
-0.97185	-0.96935	-0.97185	-0.96935	-0.98553	-0.98361	-0.95379	-0.95783	-0.98278
-0.96898	-0.96378	-0.96898	-0.96378	-0.98556	-0.98542	-0.96463	-0.96926	-0.99131

-0.95006	-0.9479	-0.95006	-0.9479	-0.97762	-0.97311	-0.95452	-0.9531	-0.98239
-0.29998	-0.48106	-0.29998	-0.48106	-0.39972	-0.40982	-0.40306	-0.56386	-0.50782
-0.07377	-0.02248	-0.07377	-0.02248	-0.26311	-0.1435	-0.30497	-0.36369	-0.49715
-0.2264	-0.30685	-0.2264	-0.30685	-0.48849	-0.44107	-0.33444	-0.50393	-0.65875
-0.56048	-0.64925	-0.56048	-0.64925	-0.96216	-0.96193	-0.80969	-0.85602	-0.96978
-0.97041	-0.96	-0.97041	-0.96	-0.98955	-0.98831	-0.96657	-0.97064	-0.99286
-0.97266	-0.96808	-0.97266	-0.96808	-0.98465	-0.98264	-0.96708	-0.95988	-0.98509
-0.40529	-0.5656	-0.40529	-0.5656	-0.53829	-0.54287	-0.39436	-0.48981	-0.67847
-0.22011	-0.25947	-0.22011	-0.25947	-0.50048	-0.48298	-0.21608	-0.38216	-0.66471
-0.30577	-0.48001	-0.30577	-0.48001	-0.67916	-0.67451	-0.31863	-0.38775	-0.77711
-0.97679	-0.96436	-0.97679	-0.96436	-0.98997	-0.9891	-0.95186	-0.96568	-0.9922
-0.95308	-0.9336	-0.95308	-0.9336	-0.9909	-0.98999	-0.95405	-0.96474	-0.99447
-0.96851	-0.9627	-0.96851	-0.9627	-0.98699	-0.98263	-0.96867	-0.96265	-0.98854
-0.2234	-0.42185	-0.2234	-0.42185	-0.29076	-0.27935	-0.39209	-0.53833	-0.5124
0.114379	0.147002	0.114379	0.147002	-0.14886	-0.1113	-0.23531	-0.29616	-0.41878
-0.14287	-0.15071	-0.14287	-0.15071	-0.40446	-0.33453	-0.34443	-0.51403	-0.6481
-0.98209	-0.97892	-0.98209	-0.97892	-0.98837	-0.98859	-0.96692	-0.97192	-0.99436
-0.97948	-0.96953	-0.97948	-0.96953	-0.98947	-0.9892	-0.96357	-0.97078	-0.99403
-0.97275	-0.96636	-0.97275	-0.96636	-0.98535	-0.98416	-0.9687	-0.96569	-0.98953
-0.23885	-0.40736	-0.23885	-0.40736	-0.2305	-0.26614	-0.39664	-0.48245	-0.56259
0.108071	0.121176	0.108071	0.121176	-0.11542	-0.03864	-0.16478	-0.30795	-0.44055
-0.16059	-0.37995	-0.16059	-0.37995	-0.47907	-0.46461	-0.28615	-0.50178	-0.6999
-0.95811	-0.95457	-0.95811	-0.95457	-0.97846	-0.97331	-0.93711	-0.92894	-0.97822
-0.95579	-0.94778	-0.95579	-0.94778	-0.97327	-0.9703	-0.95518	-0.95107	-0.98121
-0.92547	-0.91766	-0.92547	-0.91766	-0.95955	-0.95407	-0.89424	-0.87692	-0.95968
-0.18067	-0.39269	-0.18067	-0.39269	-0.29922	-0.39045	-0.31078	-0.46051	-0.54625
0.104359	0.135466	0.104359	0.135466	-0.07076	-0.04189	-0.06825	-0.22448	-0.34042
-0.18624	-0.21193	-0.18624	-0.21193	-0.38809	-0.32536	-0.26342	-0.47692	-0.62028
-0.98649	-0.98157	-0.98649	-0.98157	-0.99273	-0.99465	-0.97192	-0.97704	-0.99732
-0.97802	-0.96929	-0.97802	-0.96929	-0.99072	-0.99053	-0.96238	-0.97158	-0.99539
-0.98475	-0.98175	-0.98475	-0.98175	-0.99079	-0.9905	-0.98066	-0.97536	-0.99214
-0.09552	-0.2627	-0.09552	-0.2627	-0.24023	-0.13304	-0.28057	-0.35881	-0.50624
0.103705	0.134481	0.103705	0.134481	-0.13864	-0.03077	-0.12297	-0.26741	-0.53917
0.008344	-0.04147	0.008344	-0.04147	-0.34432	-0.25449	0.043963	-0.08005	-0.61734
-0.96983	-0.96017	-0.96983	-0.96017	-0.97923	-0.96964	-0.96228	-0.95126	-0.98509
-0.95749	-0.9429	-0.95749	-0.9429	-0.9878	-0.98606	-0.95585	-0.96064	-0.99374
-0.93057	-0.91657	-0.93057	-0.91657	-0.97123	-0.95076	-0.91389	-0.88725	-0.973
-0.19514	-0.35987	-0.19514	-0.35987	-0.35211	-0.35375	-0.02296	-0.26685	-0.47207
-0.03739	-0.01358	-0.03739	-0.01358	-0.29374	-0.12528	-0.09554	-0.20827	-0.57434
-0.13763	-0.32741	-0.13763	-0.32741	-0.5966	-0.56184	-0.11361	-0.16929	-0.71878

Avg_tBody	Avg_fBody	Avg_fBody	Avg_fBody	Avg_fBody	Avg_fBody	Avg_fBody	Avg_fBody	Avg_fBody
-0.93584	-0.9391	-0.92444	-0.95707	-0.96416	-0.85025	-0.8823	-0.86177	-0.7983
-0.98831	-0.97964	-0.97641	-0.9866	-0.98749	-0.97616	-0.9779	-0.94778	-0.92844
-0.99473	-0.99525	-0.99603	-0.99463	-0.99507	-0.98639	-0.9875	-0.98536	-0.98231
-0.32532	-0.20279	-0.31913	-0.17055	-0.13359	-0.33903	-0.51669	-0.12862	-0.39803
-0.30651	0.038229	0.024331	-0.02766	-0.08633	-0.35245	-0.49542	0.096585	-0.18653
-0.64855	-0.40432	-0.33743	-0.47988	-0.46191	-0.49261	-0.56589	-0.3524	-0.41626
-0.98972	-0.97673	-0.97325	-0.98581	-0.98725	-0.98643	-0.98886	-0.97511	-0.97512
-0.98959	-0.9858	-0.98736	-0.98785	-0.98946	-0.98262	-0.98681	-0.96127	-0.95558
-0.9772	-0.98395	-0.98906	-0.98097	-0.98301	-0.96704	-0.97499	-0.96405	-0.96052
-0.5578	-0.34605	-0.45765	-0.30462	-0.31431	-0.42971	-0.60405	-0.32429	-0.57711
-0.34319	0.112841	0.016105	0.138121	0.049959	-0.14578	-0.37944	0.293425	-0.02148
-0.59729	-0.26672	-0.32058	-0.25864	-0.36542	-0.33164	-0.47636	-0.14532	-0.36673
-0.98314	-0.98067	-0.98369	-0.98051	-0.98312	-0.97017	-0.97599	-0.96552	-0.96835
-0.97677	-0.97015	-0.97161	-0.97495	-0.97628	-0.95755	-0.96801	-0.90419	-0.87463
-0.95768	-0.96012	-0.96993	-0.95767	-0.96057	-0.90128	-0.90199	-0.92697	-0.92184
-0.56737	-0.31661	-0.37928	-0.30469	-0.2966	-0.43785	-0.61512	-0.29003	-0.45637
-0.58392	-0.04217	-0.06544	-0.09067	-0.16544	-0.12907	-0.30863	0.028941	-0.23385
-0.71803	-0.392	-0.28533	-0.47843	-0.48645	-0.37822	-0.48482	-0.31587	-0.44799
-0.9827	-0.9588	-0.95246	-0.97854	-0.98008	-0.9672	-0.97509	-0.93939	-0.93719
-0.97581	-0.97746	-0.98191	-0.97685	-0.97878	-0.96059	-0.97333	-0.929	-0.91982
-0.96428	-0.9735	-0.97874	-0.97231	-0.97571	-0.90546	-0.91246	-0.91761	-0.89534
-0.73015	-0.42672	-0.44723	-0.35888	-0.29733	-0.37338	-0.54265	-0.4508	-0.65117
-0.63708	-0.07224	0.03901	-0.16163	-0.20825	-0.2403	-0.41492	-0.01907	-0.26364
-0.75527	-0.29449	-0.17322	-0.4183	-0.39676	-0.37107	-0.48355	-0.27683	-0.30101
-0.98377	-0.96874	-0.96495	-0.98269	-0.98563	-0.9758	-0.98071	-0.96223	-0.96253
-0.97039	-0.97745	-0.98259	-0.97602	-0.97653	-0.95712	-0.96939	-0.93629	-0.92567
-0.94797	-0.9645	-0.97067	-0.96306	-0.96578	-0.90966	-0.91278	-0.90464	-0.88675
-0.4892	-0.28778	-0.29752	-0.34495	-0.32139	-0.37267	-0.52939	-0.30499	-0.51964
-0.4503	0.098432	0.336555	-0.0368	0.011056	-0.29535	-0.51494	0.155742	0.042853
-0.55799	-0.16149	-0.00474	-0.28973	-0.22533	-0.26362	-0.50169	-0.16926	-0.25409
-0.95316	-0.93911	-0.93246	-0.96707	-0.96862	-0.93544	-0.96216	-0.91235	-0.90537
-0.95015	-0.97535	-0.98245	-0.97104	-0.97149	-0.93967	-0.96341	-0.93575	-0.93955
-0.95254	-0.9771	-0.98407	-0.97348	-0.97524	-0.93161	-0.95282	-0.94595	-0.94456
-0.36471	-0.18793	-0.34523	-0.15094	-0.19269	-0.23965	-0.51532	-0.20139	-0.42168
-0.11123	0.328309	0.40337	0.136555	0.088652	0.063372	-0.28672	0.395958	0.144623
-0.44008	-0.13108	-0.02113	-0.24481	-0.18682	-0.11507	-0.39025	-0.08195	-0.22216
-0.97121	-0.95342	-0.93112	-0.98039	-0.98356	-0.95368	-0.96235	-0.92798	-0.91054
-0.97621	-0.9727	-0.97288	-0.98204	-0.98403	-0.94363	-0.94273	-0.90896	-0.88692
-0.97211	-0.97668	-0.98054	-0.97632	-0.97873	-0.93812	-0.94789	-0.94561	-0.93729
-0.09534	-0.34305	-0.32203	-0.38372	-0.36531	-0.3184	-0.56362	-0.15124	-0.35171
-0.29478	0.044343	0.073011	-0.03052	-0.00426	-0.3393	-0.43273	0.218911	0.021444
-0.67643	-0.3362	-0.27987	-0.45465	-0.42697	-0.38389	-0.36864	-0.37862	-0.41531
-0.96903	-0.95354	-0.94013	-0.97311	-0.97596	-0.9579	-0.96785	-0.93228	-0.91726
-0.98676	-0.98114	-0.97826	-0.98498	-0.98691	-0.9822	-0.98534	-0.94798	-0.93172
-0.98246	-0.98822	-0.98918	-0.98903	-0.99041	-0.96968	-0.9742	-0.95375	-0.93863
-0.50296	-0.24739	-0.14839	-0.3112	-0.27145	-0.10206	-0.23425	-0.09522	-0.36082

-0.15748	0.13659	-0.02605	0.214841	0.172659	-0.13074	-0.30274	0.301627	-0.15614
-0.49398	-0.16641	-0.17528	-0.20028	-0.24734	-0.24026	-0.40996	-0.13026	-0.40928
-0.9528	-0.94687	-0.94098	-0.9643	-0.9686	-0.9303	-0.94639	-0.9266	-0.92193
-0.96636	-0.95941	-0.9569	-0.9656	-0.96666	-0.95032	-0.96184	-0.89772	-0.86917
-0.96529	-0.97166	-0.97758	-0.97131	-0.97128	-0.91697	-0.92474	-0.94633	-0.94027
-0.59987	-0.29471	-0.21802	-0.31427	-0.17023	-0.38368	-0.5074	-0.3188	-0.51389
-0.45586	0.103129	0.250489	-0.06454	0.009382	-0.32504	-0.42356	0.222204	0.088867
-0.74865	-0.34274	-0.36982	-0.40204	-0.32742	-0.31394	-0.36163	-0.37289	-0.50993
-0.95963	-0.96918	-0.96797	-0.97901	-0.9789	-0.95379	-0.96454	-0.95085	-0.9443
-0.9917	-0.98494	-0.98224	-0.98937	-0.98955	-0.98648	-0.98971	-0.95528	-0.94151
-0.96441	-0.9701	-0.98295	-0.96357	-0.96861	-0.92401	-0.93227	-0.94011	-0.94505
-0.50103	-0.11419	-0.20637	-0.10794	-0.07915	-0.27791	-0.45829	-0.09302	-0.37047
-0.49411	0.215665	0.324958	0.181419	0.156913	-0.21435	-0.33951	0.220116	-0.06167
-0.61827	-0.13941	-0.17196	-0.20121	-0.2476	-0.21852	-0.3413	-0.16687	-0.36144
-0.98448	-0.9838	-0.98532	-0.98488	-0.98712	-0.97619	-0.98242	-0.97399	-0.97604
-0.98626	-0.98148	-0.98339	-0.98083	-0.98161	-0.98511	-0.98919	-0.95307	-0.94852
-0.99258	-0.99381	-0.99557	-0.99239	-0.99341	-0.9783	-0.98101	-0.98226	-0.9815
-0.75367	-0.39653	-0.4337	-0.45327	-0.45394	-0.51475	-0.62315	-0.45851	-0.58446
-0.67775	0.035194	0.179907	-0.12046	-0.12834	-0.31878	-0.39772	0.090281	-0.13712
-0.80113	-0.35535	-0.19873	-0.49593	-0.45826	-0.47178	-0.51781	-0.33606	-0.37603
-0.96201	-0.95625	-0.95521	-0.96874	-0.97282	-0.95665	-0.96925	-0.94387	-0.94213
-0.97826	-0.97967	-0.984	-0.97711	-0.97798	-0.96853	-0.97634	-0.95594	-0.95065
-0.96192	-0.97647	-0.98365	-0.97197	-0.97558	-0.89029	-0.88439	-0.94522	-0.93974
-0.54889	-0.05436	-0.16071	-0.08162	-0.03106	-0.40198	-0.59314	-0.15312	-0.4089
-0.45245	0.023505	0.048335	-0.00701	-0.07231	-0.17886	-0.42236	0.148017	-0.10512
-0.71341	-0.32145	-0.27893	-0.38584	-0.3906	-0.42636	-0.56046	-0.29001	-0.39529
-0.97511	-0.97472	-0.96696	-0.9852	-0.98708	-0.96946	-0.97345	-0.95954	-0.94943
-0.99141	-0.99014	-0.98941	-0.99268	-0.99368	-0.98322	-0.98671	-0.9569	-0.93853
-0.9762	-0.98943	-0.99182	-0.9882	-0.98819	-0.95715	-0.95582	-0.97239	-0.97045
-0.32212	-0.33503	-0.3533	-0.29046	-0.21972	-0.19286	-0.43571	-0.2346	-0.43839
-0.27649	-0.07266	-0.06804	-0.11485	-0.11474	-0.31968	-0.45219	0.052879	-0.21091
-0.66922	-0.38246	-0.26608	-0.50621	-0.51434	-0.48211	-0.56291	-0.36752	-0.40907
-0.96401	-0.93394	-0.91197	-0.97201	-0.97349	-0.94996	-0.95974	-0.89946	-0.85961
-0.98696	-0.97646	-0.9763	-0.98157	-0.98192	-0.97858	-0.98157	-0.94059	-0.92919
-0.96683	-0.9727	-0.97361	-0.97818	-0.9804	-0.95711	-0.96274	-0.94972	-0.9398
-0.6061	-0.4215	-0.39586	-0.47236	-0.4848	-0.5086	-0.63008	-0.37352	-0.45749
-0.27474	0.021254	0.014083	-0.03378	-0.03024	-0.29532	-0.37888	0.471905	0.178685
-0.48582	-0.32351	-0.30498	-0.3835	-0.41097	-0.44105	-0.46474	-0.07599	-0.14325
-0.97365	-0.97402	-0.97172	-0.98133	-0.98395	-0.95541	-0.95822	-0.956	-0.94551
-0.98972	-0.98662	-0.98738	-0.98811	-0.98931	-0.98615	-0.98888	-0.94975	-0.9412
-0.98143	-0.98672	-0.99006	-0.98535	-0.98693	-0.95038	-0.94828	-0.96034	-0.9502
-0.63779	-0.31744	-0.33252	-0.39082	-0.4115	-0.2534	-0.35763	-0.27516	-0.45834
-0.56364	0.23531	0.466326	0.061969	0.108063	-0.22736	-0.35163	0.33115	0.153124
-0.74895	-0.07463	-0.00838	-0.23705	-0.20723	-0.3611	-0.43723	-0.16524	-0.25566
-0.98821	-0.98021	-0.97141	-0.98858	-0.98929	-0.97589	-0.97751	-0.96802	-0.95811
-0.98826	-0.98704	-0.98689	-0.99096	-0.99157	-0.97863	-0.98206	-0.95834	-0.94259
-0.99081	-0.98943	-0.9891	-0.99104	-0.99185	-0.97316	-0.97393	-0.97108	-0.95717

-0.72281	-0.39479	-0.40907	-0.44141	-0.40288	-0.59575	-0.67374	-0.41046	-0.59215
-0.59582	0.036826	0.266115	-0.15544	-0.12568	-0.42084	-0.47037	0.114032	-0.05341
-0.79729	-0.47498	-0.36964	-0.54609	-0.53807	-0.5324	-0.5099	-0.37065	-0.41892
-0.98204	-0.97436	-0.97244	-0.98147	-0.98321	-0.97195	-0.9772	-0.96105	-0.94904
-0.99445	-0.99397	-0.99466	-0.99454	-0.99461	-0.98841	-0.99004	-0.97363	-0.9654
-0.99237	-0.99093	-0.99132	-0.99213	-0.99278	-0.9807	-0.98179	-0.98097	-0.9755
-0.53971	-0.36099	-0.30481	-0.42345	-0.34387	-0.40772	-0.50485	-0.42938	-0.56516
-0.59232	-0.02262	0.258942	-0.21509	-0.07188	-0.31641	-0.39319	0.058068	-0.06189
-0.68231	-0.13975	-0.03554	-0.36027	-0.28722	-0.41622	-0.52447	-0.15031	-0.21739
-0.99215	-0.98518	-0.98432	-0.9864	-0.98664	-0.99244	-0.99302	-0.98679	-0.98765
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-0.98852	-0.99041	-0.99279	-0.98954	-0.99029	-0.96443	-0.96227	-0.9768	-0.97326
-0.72659	-0.37148	-0.37807	-0.4148	-0.37599	-0.60967	-0.7349	-0.42439	-0.56556
-0.74416	-0.35009	-0.28554	-0.41273	-0.41605	-0.48923	-0.51395	-0.24197	-0.3443
-0.83553	-0.4651	-0.35064	-0.58941	-0.57533	-0.59232	-0.60071	-0.43656	-0.43622
-0.98025	-0.97453	-0.96209	-0.98348	-0.98528	-0.9742	-0.98394	-0.97196	-0.96406
-0.98583	-0.97924	-0.9752	-0.98678	-0.98858	-0.98174	-0.98558	-0.96263	-0.9528
-0.98307	-0.98735	-0.99116	-0.98504	-0.98591	-0.94787	-0.94661	-0.96891	-0.96426
-0.27149	-0.02998	-0.05788	0.033638	0.090837	0.228142	-0.10839	0.032227	-0.32479
-0.0439	0.537012	0.658507	0.474317	0.476804	0.474962	0.196613	0.586638	0.082863
-0.5074	-0.15688	-0.11993	-0.20532	-0.21727	-0.19449	-0.47751	-0.07963	-0.36825
-0.98108	-0.96573	-0.961	-0.98389	-0.98621	-0.98262	-0.98515	-0.95283	-0.94189
-0.97508	-0.9812	-0.98398	-0.98224	-0.98357	-0.96991	-0.97843	-0.94691	-0.94215
-0.92633	-0.96193	-0.96981	-0.95971	-0.9631	-0.88102	-0.89053	-0.92123	-0.91865
-0.14986	-0.1474	-0.23499	-0.13872	-0.12224	-0.09362	-0.27993	-0.00353	-0.38993
-0.27559	-0.03433	0.113033	-0.19936	-0.14728	-0.06296	-0.25337	0.151888	0.000242
-0.4554	-0.14044	-0.10844	-0.25616	-0.18709	-0.37268	-0.53202	-0.20501	-0.32024
-0.98225	-0.96823	-0.95093	-0.98419	-0.98706	-0.97341	-0.97623	-0.95377	-0.94445
-0.9903	-0.99061	-0.99238	-0.98976	-0.99003	-0.98489	-0.98956	-0.97483	-0.97445
-0.97615	-0.97833	-0.98289	-0.9768	-0.97953	-0.95699	-0.96453	-0.96229	-0.96004
-0.45037	-0.2735	-0.30855	-0.20044	-0.10741	-0.24666	-0.49186	-0.25127	-0.43815
-0.50913	0.104324	0.266988	-0.03779	-0.04639	-0.36675	-0.46979	0.239896	0.079127
-0.64772	-0.31917	-0.21318	-0.43684	-0.46297	-0.44697	-0.56097	-0.25789	-0.40336
-0.9742	-0.95376	-0.94566	-0.96957	-0.97413	-0.95337	-0.95803	-0.92982	-0.91327
-0.9765	-0.97851	-0.97862	-0.98094	-0.9843	-0.97727	-0.98237	-0.94308	-0.9268
-0.96609	-0.98037	-0.9874	-0.97497	-0.97877	-0.91702	-0.91985	-0.94904	-0.94374
-0.50311	-0.09949	0.024396	-0.0367	0.018005	-0.14465	-0.3745	-0.02416	-0.3814
-0.61766	0.195348	0.402892	0.038336	0.040462	-0.09543	-0.28453	0.155527	-0.05752
-0.67563	-0.0554	0.132049	-0.03824	-0.0678	-0.19546	-0.33814	-0.08669	-0.33413
-0.98131	-0.97004	-0.95241	-0.9862	-0.98784	-0.97968	-0.98267	-0.96775	-0.95847
-0.97923	-0.98633	-0.98835	-0.98455	-0.98602	-0.97715	-0.98152	-0.94584	-0.92709
-0.97239	-0.98363	-0.98633	-0.98328	-0.98453	-0.94751	-0.9417	-0.95799	-0.95529
0.250173	-0.2754	-0.32981	-0.29041	-0.23517	-0.33762	-0.54505	-0.09426	-0.40758
0.059491	0.205428	-0.0283	0.201543	0.081959	-0.21473	-0.4826	0.36483	-0.04539
-0.55128	-0.27261	-0.23431	-0.36564	-0.42488	-0.43024	-0.59043	-0.23138	-0.41005
-0.97866	-0.97589	-0.96517	-0.986	-0.98814	-0.97657	-0.98471	-0.97317	-0.97106
-0.99072	-0.98953	-0.9911	-0.98886	-0.98929	-0.98568	-0.98889	-0.96891	-0.96585

-0.98	-0.98418	-0.98885	-0.98116	-0.98172	-0.95854	-0.96189	-0.96007	-0.94952
-0.55602	-0.49242	-0.46273	-0.50963	-0.50764	-0.4683	-0.61692	-0.43462	-0.59027
-0.45916	-0.22232	-0.03491	-0.37618	-0.35593	-0.27247	-0.48489	-0.02317	-0.17529
-0.63818	-0.39579	-0.32617	-0.51564	-0.5271	-0.50319	-0.60295	-0.3223	-0.40628
-0.96831	-0.92915	-0.90255	-0.97286	-0.97642	-0.89052	-0.89131	-0.77448	-0.65135
-0.99177	-0.99141	-0.99212	-0.99248	-0.99275	-0.988	-0.99055	-0.96702	-0.962
-0.98323	-0.99009	-0.99285	-0.9884	-0.98934	-0.96808	-0.97266	-0.97236	-0.9702
-0.75703	-0.60904	-0.59145	-0.6256	-0.62415	-0.41191	-0.40668	-0.56606	-0.63293
-0.67961	-0.37225	-0.21303	-0.52579	-0.52215	-0.2178	-0.31625	-0.28815	-0.35944
-0.82488	-0.52165	-0.43798	-0.66821	-0.69021	-0.47614	-0.50012	-0.52791	-0.53612
-0.98992	-0.97326	-0.96797	-0.98922	-0.99041	-0.98839	-0.99097	-0.96927	-0.96658
-0.99403	-0.98258	-0.97876	-0.99203	-0.9933	-0.99014	-0.99132	-0.95241	-0.93459
-0.98425	-0.99199	-0.9937	-0.99059	-0.99128	-0.96936	-0.97532	-0.97061	-0.96391
-0.60347	-0.32196	-0.348	-0.36423	-0.35107	-0.36811	-0.533	-0.37984	-0.53718
-0.46314	0.0228	0.226784	-0.20137	-0.13083	-0.12592	-0.3982	0.075102	0.005749
-0.66183	-0.24282	-0.14284	-0.30454	-0.34208	-0.42769	-0.59081	-0.16757	-0.27423
-0.99348	-0.98063	-0.97762	-0.98668	-0.98748	-0.98703	-0.98938	-0.98139	-0.9803
-0.99211	-0.98868	-0.98866	-0.99084	-0.99129	-0.98721	-0.98898	-0.97477	-0.97089
-0.98882	-0.99012	-0.99288	-0.98777	-0.98861	-0.97015	-0.97022	-0.97319	-0.96753
-0.61872	-0.3087	-0.36526	-0.34548	-0.34661	-0.49802	-0.64235	-0.32723	-0.55039
-0.46581	0.082983	0.194913	-0.04378	-0.05228	-0.29663	-0.39097	0.149816	-0.07121
-0.72467	-0.41761	-0.2535	-0.50311	-0.47892	-0.54437	-0.57425	-0.39393	-0.46871
-0.96977	-0.97393	-0.96732	-0.98001	-0.98221	-0.9468	-0.95809	-0.96104	-0.95756
-0.97844	-0.97982	-0.98496	-0.97689	-0.97779	-0.97372	-0.98162	-0.95393	-0.95228
-0.95627	-0.97252	-0.98027	-0.96851	-0.97167	-0.88043	-0.88671	-0.92915	-0.92386
-0.57986	-0.28006	-0.29883	-0.3626	-0.36712	-0.37468	-0.54548	-0.35216	-0.51157
-0.40713	0.089072	0.137797	-0.02687	-0.09801	-0.03	-0.34545	0.18884	-0.07406
-0.67013	-0.2661	-0.23373	-0.31887	-0.37027	-0.40364	-0.55638	-0.21352	-0.33463
-0.99767	-0.98663	-0.98343	-0.99215	-0.99254	-0.99312	-0.99465	-0.9868	-0.9816
-0.99491	-0.99109	-0.99062	-0.99345	-0.99422	-0.98839	-0.99073	-0.97335	-0.97122
-0.99145	-0.99502	-0.9966	-0.99374	-0.99412	-0.97449	-0.97916	-0.98455	-0.98225
-0.61222	-0.13582	-0.19036	-0.21047	-0.30734	-0.43149	-0.65431	-0.23568	-0.39326
-0.59706	0.110663	0.187439	-0.03825	-0.09864	-0.18942	-0.31912	0.115974	-0.03309
-0.71285	-0.10979	-0.07906	-0.22507	-0.21139	-0.26052	-0.35034	-0.10831	-0.15599
-0.97618	-0.97479	-0.97705	-0.97689	-0.98035	-0.97179	-0.97449	-0.96284	-0.96405
-0.99128	-0.98501	-0.98323	-0.98878	-0.99002	-0.98703	-0.98848	-0.95992	-0.94354
-0.956	-0.97201	-0.98043	-0.96786	-0.97222	-0.91574	-0.91172	-0.93205	-0.92173
-0.54698	-0.3514	-0.34493	-0.3896	-0.41514	-0.37444	-0.39903	-0.34236	-0.46985
-0.61766	-0.10697	-0.04053	-0.23492	-0.2898	-0.26306	-0.27839	0.004102	-0.17854
-0.77444	-0.4204	-0.32626	-0.55068	-0.56157	-0.48804	-0.50348	-0.40059	-0.39451

Avg_fBody	Avg_fBody	Avg_fBody	Avg_fBody	Avg_fBody	Avg_fBodyBodyGyroJerkMagstd
-0.9333	-0.9218	-0.86219	-0.82432	-0.94237	-0.93266
-0.98526	-0.98161	-0.95844	-0.9322	-0.9898	-0.98705
-0.99254	-0.99254	-0.98462	-0.97847	-0.99482	-0.99467
-0.05712	-0.10349	-0.19925	-0.32102	-0.31931	-0.3816
0.026218	-0.10405	-0.18572	-0.39835	-0.28196	-0.39192
-0.44265	-0.53306	-0.32596	-0.18299	-0.63467	-0.69393
-0.98537	-0.98457	-0.97211	-0.9611	-0.99025	-0.98949
-0.98387	-0.98412	-0.97184	-0.96139	-0.98986	-0.98963
-0.97707	-0.97516	-0.96178	-0.95679	-0.97785	-0.97775
-0.16906	-0.16409	-0.5307	-0.65179	-0.58325	-0.5581
0.222247	0.227481	-0.32084	-0.37258	-0.38018	-0.3437
-0.18951	-0.26042	-0.45061	-0.43862	-0.6008	-0.62182
-0.97595	-0.97531	-0.96459	-0.95544	-0.98428	-0.98257
-0.96589	-0.96657	-0.94666	-0.92545	-0.9779	-0.97669
-0.94863	-0.94821	-0.91368	-0.88344	-0.96033	-0.95712
-0.18676	-0.08985	-0.56976	-0.63264	-0.60775	-0.54909
-0.04948	-0.1591	-0.33238	-0.32244	-0.57628	-0.62491
-0.41292	-0.48061	-0.51421	-0.44518	-0.71688	-0.74003
-0.96229	-0.95804	-0.96156	-0.9471	-0.98361	-0.98254
-0.9625	-0.96158	-0.94877	-0.92885	-0.97655	-0.97626
-0.95614	-0.96003	-0.91421	-0.88719	-0.96447	-0.96643
-0.31859	-0.32046	-0.60929	-0.59394	-0.72433	-0.75777
-0.1753	-0.28043	-0.42921	-0.45767	-0.62175	-0.68547
-0.39741	-0.49732	-0.57579	-0.55249	-0.74075	-0.79421
-0.97736	-0.97638	-0.96826	-0.95926	-0.98462	-0.98343
-0.96444	-0.96655	-0.94476	-0.93475	-0.9716	-0.97068
-0.94183	-0.9436	-0.90454	-0.86891	-0.95229	-0.9462
-0.26948	-0.30569	-0.48426	-0.58974	-0.54805	-0.45567
0.009184	-0.08974	-0.34934	-0.48414	-0.4537	-0.48713
-0.26467	-0.37862	-0.39256	-0.44045	-0.57134	-0.57249
-0.94866	-0.95155	-0.93015	-0.92869	-0.9537	-0.9555
-0.94835	-0.9473	-0.92973	-0.92955	-0.95203	-0.9512
-0.95591	-0.95538	-0.92666	-0.92311	-0.95543	-0.95209
-0.0554	-0.0965	-0.32968	-0.51065	-0.3665	-0.40808
0.243834	0.154809	-0.01437	-0.24235	-0.13271	-0.14573
-0.16987	-0.17773	-0.23063	-0.31817	-0.45924	-0.45594
-0.96807	-0.96536	-0.94113	-0.91889	-0.97412	-0.9694
-0.97095	-0.96849	-0.93308	-0.8958	-0.97863	-0.97497
-0.96742	-0.96909	-0.9387	-0.91985	-0.97367	-0.9719
-0.03842	-0.02214	-0.19291	-0.34389	-0.15534	-0.08417
0.06739	0.107857	-0.25505	-0.39691	-0.2891	-0.35354
-0.45478	-0.49744	-0.53398	-0.44499	-0.67333	-0.70409
-0.96179	-0.96379	-0.94453	-0.93679	-0.9684	-0.97179
-0.98093	-0.97932	-0.96581	-0.95325	-0.98773	-0.98615
-0.97975	-0.97914	-0.96456	-0.95412	-0.98371	-0.98183
-0.12383	-0.27644	-0.30124	-0.32746	-0.47303	-0.58124

0.331528	0.134735	-0.00036	-0.25559	-0.12518	-0.26298
-0.13185	-0.37927	-0.22961	-0.18333	-0.46327	-0.57573
-0.95432	-0.95509	-0.91861	-0.9034	-0.95581	-0.95229
-0.95305	-0.94939	-0.93444	-0.90647	-0.96832	-0.966
-0.96324	-0.96359	-0.92977	-0.91091	-0.96749	-0.96477
-0.31687	-0.32234	-0.5138	-0.56271	-0.60258	-0.62435
0.007169	0.070553	-0.34754	-0.42417	-0.46317	-0.48516
-0.41953	-0.48494	-0.53148	-0.45684	-0.73416	-0.78778
-0.96856	-0.96538	-0.93769	-0.9337	-0.96098	-0.96077
-0.9859	-0.98327	-0.97446	-0.96246	-0.99219	-0.99141
-0.95163	-0.95211	-0.93779	-0.92296	-0.96561	-0.96506
0.020519	0.050209	-0.41262	-0.49976	-0.51507	-0.51768
0.156978	0.038027	-0.31235	-0.38778	-0.4842	-0.54499
-0.15355	-0.33437	-0.26537	-0.16697	-0.60058	-0.67129
-0.97694	-0.97513	-0.96709	-0.95485	-0.98598	-0.98357
-0.97532	-0.97229	-0.9698	-0.96071	-0.98726	-0.98561
-0.98864	-0.98802	-0.98258	-0.97744	-0.99298	-0.99228
-0.39512	-0.41745	-0.61022	-0.59975	-0.75191	-0.77357
-0.09745	-0.17366	-0.45617	-0.38056	-0.66834	-0.71423
-0.47593	-0.5137	-0.5501	-0.38122	-0.79599	-0.82243
-0.96245	-0.96165	-0.9455	-0.94037	-0.96395	-0.96191
-0.97172	-0.97295	-0.95851	-0.94846	-0.97848	-0.97926
-0.96086	-0.96415	-0.90236	-0.85003	-0.96306	-0.96291
-0.02991	-0.01395	-0.4425	-0.4948	-0.56118	-0.56493
0.076997	0.042063	-0.34494	-0.42355	-0.45823	-0.48678
-0.32088	-0.34657	-0.59403	-0.56444	-0.71433	-0.73313
-0.98075	-0.97804	-0.95768	-0.94613	-0.97815	-0.9728
-0.98835	-0.98833	-0.97326	-0.96427	-0.99172	-0.99122
-0.98198	-0.98062	-0.95749	-0.94686	-0.9772	-0.97647
-0.15211	-0.11359	-0.26747	-0.37995	-0.33853	-0.34929
-0.02822	-0.07099	-0.20612	-0.40056	-0.2664	-0.34309
-0.4251	-0.49109	-0.48548	-0.47077	-0.65609	-0.71226
-0.96799	-0.96361	-0.93015	-0.91776	-0.96646	-0.96367
-0.97299	-0.97296	-0.96332	-0.94652	-0.98732	-0.98707
-0.97021	-0.96968	-0.94441	-0.93482	-0.96918	-0.96602
-0.43159	-0.45343	-0.31139	-0.2655	-0.59104	-0.65568
0.186223	0.194263	-0.07876	-0.22393	-0.25475	-0.35685
-0.28874	-0.40985	0.048859	0.23666	-0.45725	-0.56496
-0.97368	-0.97253	-0.94681	-0.92368	-0.97573	-0.97265
-0.98469	-0.98328	-0.97376	-0.96338	-0.99018	-0.9895
-0.97908	-0.98018	-0.95673	-0.92884	-0.98319	-0.98033
-0.28975	-0.34241	-0.48917	-0.48175	-0.64508	-0.65401
0.158413	0.150508	-0.3739	-0.34939	-0.5654	-0.59347
-0.26196	-0.39131	-0.45369	-0.30859	-0.73142	-0.7931
-0.98751	-0.98725	-0.97025	-0.95898	-0.9887	-0.98806
-0.98397	-0.98219	-0.95406	-0.93886	-0.98936	-0.98751
-0.9865	-0.98591	-0.97545	-0.96357	-0.99117	-0.99067

-0.37828	-0.44145	-0.66923	-0.72114	-0.72068	-0.74573
-0.07457	-0.09196	-0.48825	-0.47994	-0.58966	-0.63348
-0.4756	-0.51993	-0.63055	-0.53249	-0.78783	-0.82531
-0.97969	-0.97966	-0.96901	-0.96002	-0.98277	-0.98198
-0.99143	-0.99032	-0.98337	-0.97471	-0.9952	-0.99362
-0.99016	-0.98947	-0.98429	-0.97726	-0.99272	-0.99218
-0.33594	-0.21123	-0.51862	-0.61532	-0.58271	-0.52039
-0.18868	-0.23654	-0.40944	-0.42887	-0.57735	-0.6434
-0.3603	-0.43738	-0.50407	-0.49644	-0.66901	-0.72416
-0.98855	-0.98971	-0.98433	-0.98147	-0.9919	-0.99274
-0.99041	-0.99104	-0.98654	-0.98125	-0.99481	-0.99497
-0.98499	-0.98628	-0.97235	-0.95911	-0.98896	-0.98841
-0.41404	-0.44445	-0.62033	-0.66891	-0.7106	-0.76941
-0.3834	-0.38657	-0.60474	-0.53384	-0.74424	-0.76343
-0.57448	-0.58793	-0.65403	-0.53304	-0.82619	-0.86091
-0.98062	-0.97945	-0.96562	-0.9575	-0.98189	-0.97933
-0.98375	-0.98369	-0.96424	-0.95048	-0.98673	-0.98542
-0.97914	-0.97918	-0.95858	-0.93672	-0.98454	-0.98223
0.073018	-0.02229	-0.09525	-0.1416	-0.26244	-0.33615
0.538405	0.316346	0.20398	0.032037	-0.0229	-0.14325
-0.18739	-0.43467	-0.28884	-0.37713	-0.47718	-0.58829
-0.9797	-0.97957	-0.96983	-0.96421	-0.98112	-0.98199
-0.97173	-0.9726	-0.9534	-0.94373	-0.97611	-0.97523
-0.94001	-0.93603	-0.87944	-0.84913	-0.9296	-0.92723
0.054527	-0.03107	-0.05201	-0.19621	-0.18037	-0.17198
0.013792	0.079038	-0.10057	-0.15168	-0.31167	-0.28166
-0.21501	-0.28045	-0.28663	-0.36095	-0.45039	-0.50282
-0.97844	-0.9776	-0.96235	-0.94974	-0.98299	-0.98231
-0.98534	-0.98699	-0.97784	-0.97203	-0.99001	-0.99106
-0.97063	-0.97193	-0.95672	-0.94776	-0.97613	-0.97771
-0.14401	-0.01867	-0.40952	-0.51225	-0.4996	-0.42932
0.112443	0.063205	-0.40639	-0.48449	-0.4908	-0.57167
-0.35544	-0.47772	-0.47537	-0.48341	-0.62892	-0.70098
-0.96265	-0.95564	-0.94606	-0.92355	-0.97664	-0.97279
-0.96891	-0.96703	-0.95195	-0.93356	-0.97778	-0.97632
-0.95974	-0.95665	-0.93207	-0.90022	-0.96838	-0.96534
0.065973	0.158287	-0.43838	-0.46402	-0.55395	-0.47641
0.022478	-0.11853	-0.33842	-0.34186	-0.58351	-0.69745
-0.0458	-0.1513	-0.3699	-0.23402	-0.668	-0.70987
-0.98591	-0.98654	-0.96624	-0.95903	-0.98185	-0.98159
-0.97412	-0.97212	-0.95229	-0.93868	-0.98071	-0.9785
-0.9738	-0.97505	-0.94458	-0.92481	-0.9726	-0.97385
-0.01807	-0.04574	0.185078	-0.06148	0.146619	0.287835
0.33501	0.224481	0.150826	-0.21893	0.074675	-0.03986
-0.30297	-0.45432	-0.38039	-0.47049	-0.51872	-0.63266
-0.98311	-0.98329	-0.964	-0.96137	-0.9786	-0.9801
-0.98447	-0.98561	-0.97797	-0.96911	-0.99085	-0.99093

-0.97225	-0.9732	-0.96392	-0.95441	-0.98112	-0.97976
-0.41864	-0.40298	-0.53451	-0.66803	-0.57159	-0.56745
-0.20083	-0.08276	-0.3743	-0.47015	-0.47445	-0.47803
-0.4298	-0.45965	-0.56466	-0.54907	-0.64611	-0.65388
-0.96008	-0.9636	-0.91013	-0.85066	-0.96825	-0.97046
-0.98794	-0.98762	-0.97935	-0.97032	-0.99178	-0.99202
-0.98229	-0.98208	-0.96897	-0.96109	-0.98402	-0.9831
-0.56459	-0.519	-0.56273	-0.52926	-0.7703	-0.75739
-0.47164	-0.50222	-0.48576	-0.42371	-0.68703	-0.69303
-0.6548	-0.70343	-0.56715	-0.38661	-0.8224	-0.84106
-0.98914	-0.9879	-0.97431	-0.96614	-0.99043	-0.98963
-0.98948	-0.98952	-0.97646	-0.96365	-0.99399	-0.99421
-0.98288	-0.98113	-0.97233	-0.96297	-0.98576	-0.98331
-0.29336	-0.26895	-0.55193	-0.60947	-0.61946	-0.61293
-0.15317	-0.06794	-0.33451	-0.39299	-0.4722	-0.4895
-0.29497	-0.39372	-0.55608	-0.56963	-0.67358	-0.66985
-0.9881	-0.98817	-0.97989	-0.97181	-0.99356	-0.99355
-0.98877	-0.98853	-0.97948	-0.97053	-0.99239	-0.99197
-0.98415	-0.98302	-0.97553	-0.9654	-0.98942	-0.98858
-0.25993	-0.27973	-0.51945	-0.54689	-0.62329	-0.63924
0.010858	-0.11363	-0.35911	-0.39798	-0.46778	-0.50283
-0.46077	-0.47301	-0.60767	-0.52334	-0.71918	-0.75171
-0.97344	-0.97234	-0.94422	-0.93168	-0.97183	-0.96932
-0.96918	-0.97082	-0.9603	-0.95353	-0.97947	-0.9784
-0.95273	-0.95496	-0.90965	-0.87846	-0.95876	-0.95598
-0.36081	-0.43627	-0.5146	-0.51681	-0.59597	-0.58907
-0.01288	-0.08836	-0.22335	-0.3629	-0.39672	-0.46472
-0.29443	-0.3745	-0.53484	-0.52819	-0.66251	-0.70485
-0.994	-0.99437	-0.984	-0.97668	-0.99762	-0.99759
-0.99009	-0.98982	-0.98027	-0.97101	-0.99506	-0.99474
-0.98979	-0.99033	-0.98088	-0.97594	-0.99167	-0.99152
-0.10898	-0.16951	-0.41682	-0.42916	-0.6285	-0.61867
0.000449	-0.07977	-0.38146	-0.32302	-0.59658	-0.62668
-0.23911	-0.28058	-0.35721	-0.07433	-0.69745	-0.75646
-0.96995	-0.96809	-0.962	-0.95264	-0.97782	-0.97548
-0.98583	-0.98529	-0.97388	-0.95951	-0.99175	-0.99095
-0.95336	-0.94664	-0.91745	-0.88887	-0.95924	-0.95501
-0.34718	-0.36654	-0.35834	-0.33154	-0.54762	-0.57858
-0.12596	-0.13312	-0.35677	-0.25236	-0.61758	-0.6455
-0.54978	-0.58088	-0.44915	-0.15147	-0.77397	-0.79135