

APPENDIX A

Generated seismic record, A_{gl} , using Kanai-Tajimi model

Table A Generated seismic record, A_{gl} , using Kanai-Tajimi model 1600 data points at equal spacing of 0.01sec(read column by column from left to right). The unit is g.

0.0000000	0.0052756	0.0086174	0.0139818	-0.0909200	-0.2118800	-0.1479160
-0.0000007	-0.0001502	-0.0049508	0.0692120	-0.0211980	-0.0166660	0.0887640
-0.0000079	-0.0006178	-0.0132070	0.0299860	-0.0855080	-0.0302980	0.0245520
0.0000051	0.0004978	-0.0278960	0.0094134	-0.1000920	-0.2105800	-0.2036600
0.0000133	-0.0012603	-0.0029154	-0.0233160	-0.0472100	-0.0970640	-0.0449580
-0.0000055	0.0054488	0.0228700	-0.0103868	0.0356460	-0.0642020	0.1464040
0.0000386	0.0071518	0.0092950	0.0377580	-0.0577480	-0.0448240	-0.0611440
0.0000444	0.0073362	-0.0043946	0.0121584	0.0516800	0.0505800	-0.1191620
-0.0000486	-0.0044390	-0.0006455	-0.0038498	-0.0081746	-0.2562200	-0.0813760
0.0000494	-0.0028180	-0.0187714	-0.0049442	-0.0166190	0.1010940	0.1945180
-0.0001348	0.0000652	-0.0050068	-0.0100660	0.0670340	-0.0619220	0.1007300
-0.0001488	-0.0031428	-0.0082128	-0.0340400	0.0137074	-0.0669420	0.1354000
-0.0001932	-0.0082344	0.0027652	0.0103614	-0.0281080	0.0365800	-0.1603200
0.0000530	0.0038446	-0.0081644	-0.0386280	0.0238160	0.0558500	0.0646600
-0.0004003	0.0013242	0.0133492	0.0000678	0.1301480	0.0459660	-0.1825860
0.0004176	0.0124418	0.0104094	-0.0341880	-0.0764700	-0.0413840	0.0570080
0.0004043	0.0046270	0.0205160	0.0094788	0.0198522	-0.0057004	0.0240700
-0.0006032	-0.0044874	0.0166464	-0.0292160	-0.0704200	-0.0617700	0.0816060
-0.0006231	0.0066816	0.0353900	-0.0067686	-0.0530720	0.1269480	0.0090916
0.0003699	0.0000116	0.0072526	-0.0089064	-0.1249640	0.1609880	-0.0275980
-0.0001890	-0.0016375	0.0169362	-0.0208300	-0.0072078	0.0328820	-0.0378440
-0.0000860	-0.0078950	-0.0163382	-0.0072198	0.0263320	-0.0868680	-0.2129200
0.0008630	0.0054142	0.0404100	0.0502100	-0.0193236	-0.0466880	0.1010000
0.0003423	-0.0113322	0.0293180	-0.0248180	-0.0103860	-0.0200660	-0.0604280
0.0002571	0.0010439	-0.0012193	0.0067432	-0.1790000	0.1834160	-0.1149920
-0.0002948	0.0036408	-0.0201720	-0.0189498	-0.1017080	0.1114780	0.0788300
-0.0012485	0.0000810	-0.0085416	0.0262420	-0.0231640	-0.1260180	-0.0949680
0.0009205	0.0070926	0.0049082	-0.0359100	0.0473440	-0.0296120	0.0001884
0.0002883	0.0000458	0.0231780	-0.0272760	0.0197068	0.0216820	0.0359160
0.0001590	0.0010779	-0.0282220	-0.0392340	-0.0391380	-0.0212320	-0.0032114
0.0009588	-0.0009529	-0.0099964	0.0840260	-0.0291620	-0.0597800	-0.0605540
-0.0000940	0.0254280	0.0096072	-0.0583180	0.0479900	-0.0230140	-0.1442280
0.0002667	-0.0058922	-0.0257040	0.1086520	-0.0470400	-0.1484060	0.0031668
-0.0005228	0.0004038	0.0315060	-0.0242520	0.0610560	-0.1221960	0.1063200
0.0004008	0.0070324	-0.0116078	0.0378760	-0.0068144	0.0273040	-0.1244780
0.0003709	-0.0086934	0.0291720	0.0265100	-0.0293960	0.0480940	0.1468380
0.0027236	0.0109934	-0.0014063	-0.0233540	0.1222940	0.1469000	-0.1828000
0.0003609	-0.0098262	-0.0363580	-0.0161572	-0.0335100	0.0139876	0.0107496
-0.0049296	-0.0117848	0.0319980	0.0353320	0.1700960	-0.0295480	-0.0806420
-0.0022222	-0.0023032	0.0084736	0.0167784	-0.0267660	0.0381040	-0.0973640
-0.0010972	-0.0096050	-0.0505500	-0.0627800	0.0612720	0.0350040	0.0090758
0.0000084	-0.0089864	-0.0361080	-0.0274320	0.0816340	0.1396160	0.0331940
-0.0007778	0.0020344	-0.0276780	-0.0830780	0.1914220	-0.0083312	0.0599940
-0.0010681	-0.0066816	0.0275880	-0.0207740	-0.0149088	-0.1098460	0.2374800
-0.0012358	-0.0099574	0.0374940	0.0110856	-0.1802800	0.0885040	0.0142068
0.0000051	0.0095662	-0.0379480	-0.1086680	0.0349900	-0.0201140	0.2620600
-0.0045458	0.0049974	-0.0131610	-0.0635280	-0.1209980	-0.1327480	-0.0536680
-0.0045750	0.0030204	-0.0276960	-0.0713740	-0.0091004	0.0381540	-0.0838400
0.0021342	0.0136818	-0.0168894	0.0445940	-0.0465320	0.0868600	0.1133360
-0.0028830	0.0016549	0.0470480	-0.0439700	0.0675120	0.0905740	0.1133220
-0.0011246	-0.0062292	0.0510560	-0.0129504	-0.0251460	0.0459540	-0.0225100
0.0017032	-0.0092614	-0.0235400	-0.0059808	-0.0191780	-0.0608400	-0.0455340
-0.0067044	0.0022002	-0.0352820	0.0393620	0.0045846	0.2833600	-0.1284520
-0.0029858	-0.0124356	-0.0247820	-0.0222320	-0.0236120	0.0074756	0.0434960

Table A (Continued)

-0.1185080	0.3953800	0.7817200	0.0896960	0.0494320	0.1357260	0.2455000
0.3320400	0.1244340	-0.1173500	-0.2714000	0.3205400	0.6649200	-0.5360200
-0.1633320	0.0492520	0.2484000	-0.4980200	0.0156354	-0.1968420	0.0335800
0.2639000	-0.5207400	0.2277400	-0.4428000	-0.0755720	-0.0854640	-0.7971600
-0.1474960	0.0505240	0.0453460	-0.1665960	-0.0372880	-0.1087140	0.3122800
-0.0203000	0.1373260	0.1879880	-0.0087476	-0.0665680	0.2984800	-0.0898640
-0.0334660	-0.0714800	0.0576960	-0.4738600	-0.5859600	0.2475600	0.0069030
-0.0515720	-0.4540200	0.0057794	-0.0293740	-0.0349520	0.0046904	0.1049700
0.1084500	0.0982580	0.4690400	0.3343400	-0.1557520	-0.0342900	-0.5087200
0.0830220	-0.0804520	0.1579400	-0.1413260	0.3422400	-0.1563420	-0.1659020
0.0848840	-0.2486600	0.2091200	0.4367600	0.4262400	0.0064116	0.4221000
-0.0854740	0.1681740	-0.2202000	-0.1633300	-0.2112200	-0.3466200	-0.0337060
-0.0121366	0.1166780	0.6479800	-0.4735400	-0.3865200	0.0693260	0.1522020
-0.1171540	-0.8695200	-0.3314000	-0.5052200	-0.3773400	0.0416280	-0.9087000
-0.3687200	0.1942560	-0.4680400	-0.3136800	0.0316760	0.2508600	0.1888440
-0.1747360	-0.0289980	0.0627300	0.0407140	0.2955400	0.2272600	-0.1884660
-0.0576580	0.2508800	0.3599800	0.0635260	-0.3016200	-0.4632200	-0.3689800
-0.1859220	0.0693480	-0.5261400	0.1222920	-0.1950360	-0.1919960	-0.0101276
0.0684220	0.1335540	-0.1743380	-0.1116000	0.2002000	0.4627600	0.0907140
0.3008600	-0.0141194	-0.0635120	-0.2168400	-0.0546520	-0.4139400	-0.5150600
0.0710940	-0.0260200	-0.2751400	-0.1026040	-0.3666400	0.2240400	0.2280800
-0.0832020	0.0511280	-0.6106800	0.3773600	-0.5076400	-0.2053200	0.7808800
-0.1889740	-0.2283000	0.1233520	0.6849200	-0.0329100	-0.5207400	-0.3449200
-0.1314960	-0.4610800	-0.1251580	-0.0418240	-0.2664200	0.1572600	-0.3197000
0.3802800	0.0537580	0.2332600	0.1885880	-0.6516400	0.5788200	0.2545000
-0.0525080	-0.0809900	-0.2107200	-0.2368800	0.4460200	0.5192600	0.2522400
-0.2353000	0.0592780	0.3745000	0.0386980	-0.4642200	0.1083460	0.5338200
-0.0706980	0.3011200	-0.5852800	-0.1542220	0.2214200	-0.0704640	0.0677180
-0.1529900	0.2981400	0.3211000	-0.7183800	-0.0327420	-0.1597400	-0.1064900
0.0699860	-0.1236940	0.0799440	-0.2785400	0.3298000	-0.2699200	0.0843460
0.0235080	0.2047600	-0.4968000	-0.3075400	0.2896600	-0.0165064	-0.3013200
-0.2697200	0.5309200	-0.2021400	-0.0152344	-0.3206200	0.0937120	0.0952800
0.2637400	-0.0994380	0.7144400	0.2766400	0.0874520	-0.0384940	-0.2760600
-0.1767160	0.0963120	0.3970000	-0.4280800	0.1527020	0.4216400	0.5143400
-0.2333000	0.0327120	0.1720420	-0.4423800	0.1032360	0.4404600	0.0807720
0.1251560	0.0178764	-0.5199200	-0.2594200	-0.4687800	-0.0770620	0.4593200
0.1233140	-0.0293120	0.2035200	0.2008800	-0.0470160	-0.1963920	0.2835000
-0.0660720	0.0874860	0.3571200	0.2248000	0.1220260	0.0430280	0.1465600
0.0570020	-0.1337280	0.3689400	-0.3434200	-0.1400320	-0.7106000	-0.2819800
-0.1332260	0.4792400	-0.1635660	0.1371960	-0.1505280	-0.3638000	0.6617200
0.1271980	-0.1076060	-0.0613800	-0.0579600	0.1408880	0.1435400	0.0810980
-0.3295000	0.3899200	0.4789200	0.0923440	-0.2749600	0.1458760	0.2416400
0.1698060	0.2935400	-0.3837200	0.2879200	0.2645200	0.2409800	0.1498860
-0.1780940	-0.1311200	-0.6686400	-0.2674200	-0.1882320	-0.2752800	-0.4564000
-0.0063084	0.0617620	-0.4688000	-0.2104600	-0.1875580	0.3979800	0.0138664
-0.1478260	-0.0850040	-0.1796320	0.0267420	0.0110428	0.3680600	0.2653000
-0.3825000	-0.2299000	0.3916400	0.2005400	-0.0206940	0.1013660	0.0522500
-0.1407740	-0.1988540	-0.6001600	-0.7479600	-0.2728800	0.1462740	0.4273000
0.3916400	0.1562600	-0.3021200	0.1569440	0.2877000	0.0896620	0.0608280
0.1201400	0.2124400	0.2428000	-0.0141184	-0.0422460	0.1375820	-0.1678080
0.3009800	0.0988560	-0.3049600	0.2161200	0.0628560	-0.5361600	0.5816800
0.2899600	0.2760600	0.6654800	0.0039922	0.1736240	-0.0394120	-0.1847020
0.2614200	0.0373540	0.0075140	-0.0445160	0.3911600	-0.5172200	-0.0685800
0.2448200	-0.2290200	-0.5018000	-0.0358620	-0.4762000	-0.1846820	0.3816800

Table A (Continued)

-0.0393120	-0.2591400	0.2283000	0.2694600	0.1974220	0.0214920	-0.2252800
-0.2083200	-0.0523980	-0.3099600	-0.1486920	0.6275000	-0.1386680	-0.0989220
0.2910800	-0.3781000	-0.3314200	0.3096600	0.8432800	0.4719200	0.1979740
-0.0272220	-0.1052460	-0.0512100	0.1066320	-0.1819060	0.0261520	-0.2009400
0.1861820	-0.1470180	-0.1670240	0.0250500	-0.2781600	0.1473500	0.0439940
0.6853000	0.2483600	0.8070200	-0.2930200	-0.1255860	-0.0208820	-0.3600600
-0.4250200	-0.3167000	0.1264020	-0.1513040	-0.0799980	0.1058180	0.1189020
-0.0141336	0.0231400	0.1251780	-0.6635600	-0.5075600	0.1558980	0.3494200
-0.3694200	0.1557620	0.2220400	-0.0368160	0.0645100	-0.3149400	0.2744400
0.1517320	0.1414800	0.0939860	-0.5725800	-0.0642720	-0.3063800	0.0727520
-0.1065300	-0.0922180	0.0724400	-0.2058200	0.2122000	-0.1435660	-0.1042820
0.1479880	-0.5302000	-0.0696560	0.2297600	-0.1809280	0.1085460	0.0938660
0.4819000	-0.3982200	-0.2895000	-0.1892720	-0.1531400	0.1004720	-0.1838940
0.0077870	0.0935960	-0.2691600	0.3481800	-0.1228420	0.1387000	0.1621800
-0.2617600	0.1444380	0.0110336	-0.3689200	0.0402600	0.3753400	0.0781480
-0.0046864	0.0349620	-0.0980980	-0.0986660	-0.0877700	-0.1404460	0.3009400
-0.0757760	0.2944400	-0.1431420	-0.0311280	-0.1149880	-0.3693800	0.1336820
0.0622440	0.1843140	0.1016920	0.2268000	-0.0408920	0.0140092	-0.2287600
0.1412460	-0.3834800	0.3640400	-0.0894740	-0.6646400	0.2504600	0.0515840
-0.2633400	-0.3181000	0.0243680	0.0206640	-0.3492400	0.2151000	-0.3706200
0.0917180	-0.1136100	-0.1699520	0.2600600	-0.1591180	-0.4422800	0.0141628
0.0673700	0.8277800	0.6030400	-0.1653200	0.0268820	0.0432140	-0.0269400
0.0387220	0.3525800	-0.1241180	-0.1741240	0.0137022	0.1756980	0.0582320
-0.0254240	0.1397960	0.1334100	-0.5195600	0.1472640	-0.3822800	0.0134320
-0.5119400	0.4196600	0.2535200	-0.4160600	-0.3046000	0.2029200	-0.1263540
0.1809880	0.2411400	0.0781300	0.0966960	-0.3646400	-0.1065920	0.1976380
0.0108366	0.0940740	0.2823400	0.1143240	-0.4103400	0.0305160	-0.0801820
-0.1849260	0.1626260	0.5210200	0.0476380	0.1254440	0.0641460	-0.0101990
0.2005800	0.2792600	-0.5434800	0.1150280	0.3109000	0.4836000	0.0935400
-0.3863800	0.1029700	0.3680000	0.3997400	-0.0324520	-0.0763660	0.4359800
0.1825200	0.0598580	0.4330400	-0.3740000	0.1741480	0.4055600	-0.4063200
-0.3110200	0.1456420	0.1143040	0.0491800	0.0382120	0.3644200	0.0647340
0.0603160	-0.2883200	-0.0363000	0.2622400	0.8965200	-0.2367800	-0.2340600
0.3175600	-0.2636000	0.3548200	-0.1181080	0.0427840	-0.0655720	-0.0113228
-0.0653660	0.3124000	-0.1288400	-0.2468200	-0.8560600	0.1021060	0.3253600
0.6123800	-0.4767000	-0.4082000	-0.3061400	-0.2326800	-0.2378200	0.1361120
-0.0119934	-0.0430380	0.2099200	-0.2831000	-0.3703200	0.4651800	0.1306360
0.2621000	0.0018478	0.1723680	0.5728000	0.0549600	0.0758620	-0.1965060
-0.6802200	-0.1436120	-0.0256120	-0.0819020	-0.4830600	-0.1917680	-0.0739640
0.2679800	-0.5984400	-0.1777340	-0.2862000	-0.1191660	0.3597400	-0.0136962
-0.2590600	-0.6457400	-0.3361400	0.1576900	-0.4821000	-0.3375400	-0.1075080
-0.1577720	0.0867460	0.3881400	0.1584960	0.3884200	-0.1544320	0.3656000
0.0797480	-0.0142296	0.0261500	0.0941720	0.2027600	0.1312920	0.1241360
0.0685180	-0.3634800	-0.2746000	-0.1242200	0.6438000	0.2044800	0.0735060
-0.0369060	0.6202000	0.0935000	0.4831800	-0.0522540	-0.0935460	-0.3054600
-0.0952080	-0.0238660	-0.0731000	-0.6375800	-0.1301560	0.2189400	-0.0546240
0.3163200	0.5392200	0.0423520	-0.0540580	0.1456920	0.2834600	0.0587860
0.1284640	0.2222200	0.3170800	0.4194800	-0.2256200	-0.0095920	-0.0463460
-0.0916240	0.2415600	0.6567800	-0.1486400	0.1581360	0.1797080	-0.2202800
0.2095200	-0.4627600	-0.1329320	-0.2590800	-0.0462180	0.0062550	0.0158172
0.0395620	-0.0423260	0.3716200	0.2881000	0.2632800	0.2418000	-0.0855020
0.7209600	-0.5533000	-0.2630200	-0.0367040	-0.3964200	-0.2071800	0.0294580
0.2783400	0.2149200	-0.1945660	-0.1751740	0.2729200	0.1209040	0.0993960
-0.0399800	-0.4062400	0.2920200	-0.2241800	0.1824180	-0.4003600	-0.0871180

Table A (Continued)

-0.1074120	0.1168120	-0.0931860	0.0772100	-0.0783740	0.0222740	-0.0034196
0.0445560	-0.0979740	-0.0236320	-0.0549500	-0.0704080	-0.0198144	-0.0305540
0.0540280	-0.1119140	-0.0549960	-0.0990680	0.0091170	0.0025104	0.0066810
0.0214100	-0.0459960	0.0894580	-0.0094958	-0.0377240	0.0172382	-0.0249060
-0.2089400	-0.0747740	0.0126356	-0.0327120	-0.0678080	-0.0451100	-0.0496080
0.0670860	0.0857540	0.1560160	0.0101240	0.0398560	-0.0268660	0.0145900
-0.1125320	0.0178572	0.0013173	0.0560400	0.0291100	-0.0079784	-0.0196562
-0.1310420	-0.1907960	0.0596740	0.0357520	0.0607060	-0.0489640	0.0346460
-0.0724000	0.2154400	0.0635120	-0.0571100	0.0191386	-0.0264900	0.0134022
-0.0480880	-0.0778520	0.0048302	-0.0358300	0.0462360	0.0082454	0.0199756
-0.0984500	-0.0563540	0.0854520	0.0011227	0.0717020	0.0031666	0.0064000
-0.1509460	-0.0069068	0.0928020	-0.0561860	0.0447400	0.0479080	0.0056248
0.0588100	0.0651640	-0.0623780	0.1060700	0.0513060	0.0024820	-0.0133556
-0.1391300	-0.0323580	-0.0653600	0.0276000	0.0095890	-0.0339580	0.0110306
-0.0993420	-0.1167320	0.0768340	0.0690460	0.0197852	0.0173634	0.0014887
0.1742140	0.1656700	0.0257100	0.0460860	0.0252480	0.0029950	-0.0482900
0.1125420	-0.2041600	-0.0781120	-0.1124000	0.0659400	0.0198528	0.0441660
0.0623440	-0.1271180	0.1685820	-0.0307360	0.0019968	0.0165594	0.0003611
-0.0113616	0.1729800	0.0604560	-0.0191616	0.0353480	-0.0045344	-0.0087388
0.1378640	-0.0545520	-0.0283840	0.0407900	0.0494420	0.0297700	-0.0180142
0.0439560	-0.1517660	0.0473940	0.0052340	0.0304000	0.0462320	0.0510420
0.0198974	0.1012860	0.1145500	0.0575260	-0.0942220	0.0650920	-0.0131252
-0.0661800	-0.0620920	-0.1401720	-0.0355580	0.0514960	-0.0625120	0.0060690
-0.0859780	0.0013526	-0.0671740	0.0383620	-0.0317600	0.0722580	0.0115774
-0.2454000	0.0820380	0.0953180	-0.0187982	-0.0203780	0.0789700	-0.0109588
0.0026392	0.0211580	-0.0263660	0.0833680	0.1071420	0.0700720	0.0000964
0.1562660	-0.0788200	-0.0966000	0.0325800	-0.0405620	0.0248620	-0.0536600
0.2036600	-0.0376400	0.0454080	-0.0900260	-0.0868980	-0.0274740	0.0181148
0.1489580	-0.1035720	-0.0343240	-0.1254660	-0.0140246	-0.0243940	0.0266800
-0.1532760	0.1168520	0.0373020	-0.0133918	0.0763780	0.0336760	-0.0549160
-0.0517360	0.0121700	0.1124920	0.0088840	0.0035192	0.0215940	0.0380640
-0.0562740	-0.0343080	0.0141604	0.0534080	0.0166706	0.0647500	0.0277780
0.2109000	0.0330280	0.1414700	-0.0486340	0.0156376	0.0545940	0.0311880
-0.0647260	0.0161000	-0.0399320	-0.0079352	-0.0488720	0.0167100	0.0492160
-0.1661040	0.1248900	-0.0658520	0.0822140	-0.0096408	-0.0221140	-0.0271740
-0.2237000	0.1791900	-0.0308760	-0.0639120	-0.0001978	-0.0176102	-0.0289680
-0.0541880	0.1460840	0.1185380	-0.0701640	-0.0607820	-0.0028972	-0.0246060
0.0284660	-0.2067400	-0.0800920	-0.0489120	0.1194580	0.0320920	0.0235640
0.0477900	-0.0868860	-0.0989360	0.0002734	-0.0064046	-0.0140420	-0.0202620
-0.1313080	-0.0119662	-0.0444300	0.0401340	0.0320620	0.0525200	-0.0198658
0.0757700	0.0167932	0.0071406	0.0083946	-0.0605720	0.0394020	0.0298940
-0.2004400	0.1085760	0.0154746	0.0894740	0.0541240	0.0354940	0.0158868
0.0451900	-0.0914540	-0.0952600	0.0210780	0.0570600	-0.0716740	0.0277520
-0.0585580	0.0666160	0.0947680	0.0158074	-0.0785280	0.0191840	0.0139776
0.1305440	0.0675220	-0.0504880	0.0537720	0.0275720	0.0572980	-0.0132794
0.0515780	0.0681440	-0.0172312	-0.0065280	0.0230880	0.0138578	0.0186022
-0.0295840	-0.0827940	0.0682820	-0.0732880	0.0499380	-0.0743820	0.0348120
0.1750160	0.0677640	0.0479020	0.0520880	0.0335340	-0.0053186	0.0114148
-0.0005321	-0.1763600	0.0251060	0.0458880	-0.0626300	0.0256840	-0.0125744
-0.0680400	0.0783940	0.0014632	0.0511560	-0.0867780	0.0587940	0.0015635
-0.1266760	0.0205940	-0.0059038	0.0623960	0.0412940	0.0130586	0.0728660
-0.1505120	0.0360100	0.0857900	0.0915820	0.0075488	-0.0008407	-0.0163394
0.0050822	-0.0689340	0.1291840	0.1014860	-0.0507000	0.0380520	-0.0078536
0.0251300	-0.0875760	0.0078132	0.0914140	0.0626240	-0.0458700	-0.0285200

Table A (Continued)

0.0325520	-0.0113628
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0.0007438	-0.0105690
0.0130488	0.0044550
-0.0182672	-0.0087738
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0.0232940	0.0200400
0.0270080	0.0102168
-0.0505200	-0.0191414
0.0234020	-0.0050174
0.0210440	-0.0080078
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0.0171766	-0.0156504
-0.0021076	-0.0181796
0.0021198	0.0032242
-0.0256240	0.0118452
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0.0160606	0.0032756
-0.0014515	0.0224320
0.0032032	-0.0213080
-0.0046542	-0.0030442
-0.0027084	-0.0021288
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-0.0303760	-0.0335160
-0.0016552	-0.0469940
0.0147064	0.0024368
0.0081912	0.0047642
-0.0067152	0.0005681
0.0036134	-0.0031176
0.0245460	0.0166522
-0.0163070	0.0065348
-0.0003978	-0.0046758
0.0164566	0.0353220
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0.0168606	
-0.0176326	
-0.0059166	
-0.0094430	
-0.0008548	