0.000668	-0.00134	-0.00201	0.002676	-0.00335	-0.00402	0.004695	-0.00537	-0.00605
0.001411	-0.00282	-0.00423	0.005642	-0.00705	-0.00846	0.009872	-0.01128	-0.01269
0.00247	-0.00494	-0.00741	0.009866	-0.01232	-0.01477	0.017205	-0.01963	-0.02204
0.003531	-0.00706	-0.01057	0.01407	-0.01755	-0.021	0.024414	-0.02779	-0.03113
0.004667	-0.00932	-0.01395	0.018542	-0.02308	-0.02756	0.03197	-0.03629	-0.04051
0.00575	-0.01148	-0.01715	0.02276	-0.02827	-0.03367	0.038921	-0.04401	-0.04892
0.006844	-0.01365	-0.02037	0.026973	-0.03342	-0.03966	0.045669	-0.05141	-0.05684
0.007937	-0.01581	-0.02356	0.031116	-0.03843	-0.04543	0.05207	-0.05829	-0.06405
0.009029	-0.01796	-0.02671	0.035186	-0.04329	-0.05095	0.058085	-0.06461	-0.07047
0.010119	-0.02011	-0.02983	0.039167	-0.04799	-0.05619	0.063661	-0.0703	-0.07602
0.011208	-0.02224	-0.03291	0.043054	-0.05251	-0.06113	0.068763	-0.0753	-0.08062
0.012295	-0.02435	-0.03594	0.046835	-0.05683	-0.06572	0.073349	-0.07956	-0.08423
0.01338	-0.02645	-0.03892	0.050502	-0.06093	-0.06996	0.077387	-0.08305	-0.0868
0.014463	-0.02854	-0.04185	0.054045	-0.06479	-0.07381	0.080845	-0.08572	-0.0883
0.015543	-0.03061	-0.04472	0.057456	-0.06841	-0.07725	0.083699	-0.08756	-0.0887
0.016622	-0.03266	-0.04753	0.060726	-0.07177	-0.08027	0.085926	-0.08854	-0.08801
0.017698	-0.03468	-0.05028	0.063849	-0.07485	-0.08285	0.08751	-0.08865	-0.08623
0.018771	-0.03669	-0.05295	0.066815	-0.07765	-0.08497	0.08844	-0.0879	-0.08338
0.019841	-0.03868	-0.05555	0.069617	-0.08015	-0.08663	0.088707	-0.08629	-0.0795
0.020909	-0.04064	-0.05808	0.07225	-0.08235	-0.0878	0.088311	-0.08384	-0.07464
0.021973	-0.04258	-0.06053	0.074706	-0.08423	-0.0885	0.087254	-0.08057	-0.06885
0.023034	-0.04449	-0.06289	0.076979	-0.08579	-0.08871	0.085544	-0.07651	-0.06222
0.024091	-0.04637	-0.06517	0.079064	-0.08702	-0.08843	0.083194	-0.0717	-0.05481
0.025144	-0.04823	-0.06735	0.080956	-0.08792	-0.08767	0.080222	-0.06619	-0.04673
0.026194	-0.05005	-0.06945	0.08265	-0.08848	-0.08642	0.076649	-0.06004	-0.03807
0.02724	-0.05185	-0.07145	0.084142	-0.08871	-0.0847	0.072502	-0.0533	-0.02894
0.028281	-0.05361	-0.07335	0.085428	-0.08859	-0.08251	0.067813	-0.04603	-0.01945
0.029319	-0.05534	-0.07515	0.086506	-0.08814	-0.07987	0.062617	-0.03832	-0.00972
0.030351	-0.05704	-0.07684	0.087372	-0.08735	-0.07679	0.056952	-0.03024	0.000133
0.031379	-0.0587	-0.07843	0.088024	-0.08623	-0.07329	0.05086	-0.02185	0.009981
0.032403	-0.06033	-0.07992	0.088461	-0.08478	-0.06938	0.044388	-0.01326	0.019706
0.033421	-0.06192	-0.08129	0.088682	-0.083	-0.06509	0.037584	-0.00453	0.029187
0.034434	-0.06347	-0.08255	0.088686	-0.08091	-0.06045	0.030499	0.004235	0.038307
0.035442	-0.06498	-0.0837	0.088474	-0.07851	-0.05547	0.023186	0.012963	0.046954
0.036445	-0.06645	-0.08473	0.088045	-0.07581	-0.05019	0.015699	0.021564	0.05502
0.037442	-0.06789	-0.08565	0.087401	-0.07282	-0.04463	0.008094	0.029955	0.062405
0.038433	-0.06928	-0.08644	0.086543	-0.06955	-0.03882	0.000429	0.038052	0.069019
0.039419	-0.07063	-0.08712	0.085473	-0.06602	-0.03281	-0.00724	0.045778	0.07478
0.040398	-0.07193	-0.08768	0.084195	-0.06223	-0.02661	-0.01485	0.053057	0.079616
0.041371	-0.07319	-0.08812	0.082711	-0.05821	-0.02027	-0.02236	0.059817	0.083468
0.042338	-0.07441	-0.08844	0.081025	-0.05396	-0.01381	-0.02969	0.065993	0.086287
0.043299	-0.07558	-0.08864	0.07914	-0.04951	-0.00728	-0.0368	0.071523	0.08804
0.044252	-0.07671	-0.08871	0.077063	-0.04487	-0.00071	-0.04364	0.076355	0.088704
0.045199	-0.07779	-0.08866	0.074796	-0.04005	0.005869	-0.05015	0.080441	0.088271
0.04614	-0.07882	-0.08849	0.072347	-0.03509	0.012412	-0.05629	0.08374	0.086747
0.047073	-0.0798	-0.0882	0.069722	-0.02999	0.018887	-0.06201	0.086222	0.08415
0.047999	-0.08073	-0.08779	0.066925	-0.02477	0.025258	-0.06726	0.08786	0.080512
0.048917	-0.08162	-0.08726	0.063965	-0.01947	0.03149	-0.072	0.088641	0.07588
0.049828	-0.08245	-0.0866	0.060849	-0.01408	0.037549	-0.07621	0.088555	0.070308
0.050732	-0.08323	-0.08583	0.057584	-0.00865	0.043401	-0.07985	0.087603	0.063868
0.051627	-0.08397	-0.08494	0.054178	-0.00318	0.049015	-0.08289	0.085796	0.056638
0.052515	-0.08465	-0.08393	0.05064	0.002307	0.05436	-0.08531	0.08315	0.048707
0.053395	-0.08528	-0.08281	0.046978	0.007781	0.059405	-0.0871	0.079692	0.040175
0.054267	-0.08586	-0.08157	0.043201	0.013224	0.064124	-0.08823	0.075455	0.031145
0.05513	-0.08638	-0.08022	0.039319	0.018617	0.06849	-0.0887	0.07048	0.02173
0.055985	-0.08686	-0.07877	0.03534	0.023939	0.07248	-0.0885	0.064817	0.012047
0.056831	-0.08728	-0.0772	0.031275	0.02917	0.076071	-0.08765	0.058521	0.002215
0.057669	-0.08764	-0.07552	0.027134	0.034289	0.079244	-0.08614	0.051652	-0.00764

0.058498	-0.08795	-0.07375	0.022926	0.039277	0.081981	-0.08398	0.044279	-0.01741
0.059318	-0.08821	-0.07187	0.018662	0.044116	0.084267	-0.08119	0.036473	-0.02696
0.060129	-0.08842	-0.06989	0.014353	0.048786	0.08609	-0.0778	0.028311	-0.03618
0.06093	-0.08857	-0.06782	0.010008	0.053269	0.087439	-0.07383	0.019872	-0.04495
0.061723	-0.08867	-0.06565	0.005639	0.057549	0.088308	-0.0693	0.011239	-0.05316
0.062506	-0.08871	-0.06339	0.001256	0.061609	0.088691	-0.06426	0.002496	-0.06072
0.063279	-0.0887	-0.06105	-0.00313	0.065434	0.088586	-0.05873	-0.00627	-0.06752
0.064043	-0.08863	-0.05862	-0.00751	0.069009	0.087995	-0.05276	-0.01498	-0.07349
0.064797	-0.08851	-0.05611	-0.01187	0.072321	0.086919	-0.0464	-0.02354	-0.07855
0.065541	-0.08834	-0.05352	-0.0162	0.075356	0.085366	-0.0397	-0.03187	-0.08264
0.066275	-0.08811	-0.05086	-0.02049	0.078104	0.083343	-0.03269	-0.03988	-0.08571
0.066999	-0.08783	-0.04813	-0.02473	0.080553	0.080862	-0.02544	-0.04751	-0.08772
0.067712	-0.08749	-0.04534	-0.02891	0.082694	0.077936	-0.018	-0.05468	-0.08865
0.068416	-0.0871	-0.04248	-0.03302	0.08452	0.074582	-0.01043	-0.06131	-0.08847
0.069108	-0.08666	-0.03956	-0.03705	0.086023	0.070817	-0.00278	-0.06734	-0.08721
0.069791	-0.08617	-0.03659	-0.04099	0.087197	0.066663	0.004898	-0.07271	-0.08486
0.070462	-0.08562	-0.03357	-0.04483	0.088039	0.062143	0.012535	-0.07737	-0.08147
0.071123	-0.08502	-0.0305	-0.04856	0.088544	0.057281	0.020078	-0.08128	-0.07707
0.071773	-0.08437	-0.02739	-0.05217	0.088711	0.052104	0.027471	-0.08439	-0.07172
0.072412	-0.08366	-0.02425	-0.05565	0.088539	0.04664	0.034658	-0.08668	-0.06547
0.07304	-0.08291	-0.02107	-0.059	0.088029	0.04092	0.041585	-0.08812	-0.05842
0.073657	-0.0821	-0.01786	-0.0622	0.087183	0.034975	0.048202	-0.0887	-0.05065
0.074262	-0.08125	-0.01462	-0.06525	0.086004	0.028838	0.054458	-0.08841	-0.04225
0.074857	-0.08034	-0.01137	-0.06814	0.084497	0.022542	0.060306	-0.08726	-0.03333
0.075439	-0.07939	-0.0081	-0.07086	0.082667	0.016122	0.065703	-0.08525	-0.024
0.076011	-0.07838	-0.00482	-0.07342	0.080521	0.009613	0.070609	-0.08242	-0.01437
0.07657	-0.07733	-0.00153	-0.07579	0.078067	0.003052	0.074986	-0.07877	-0.00456
0.077118	-0.07623	0.00176	-0.07797	0.075316	-0.00353	0.078801	-0.07436	0.005304
0.077654	-0.07509	0.005048	-0.07997	0.072276	-0.01009	0.082028	-0.06922	0.015102
0.078178	-0.0739	0.008328	-0.08177	0.068961	-0.01659	0.08464	-0.06341	0.024714
0.078691	-0.07266	0.011597	-0.08337	0.065382	-0.023	0.086619	-0.05697	0.03402
0.079191	-0.07138	0.01485	-0.08477	0.061554	-0.02929	0.08795	-0.04998	0.042906
0.079679	-0.07006	0.018082	-0.08596	0.057491	-0.03541	0.088623	-0.0425	0.051261
0.080155	-0.06869	0.02129	-0.08694	0.053208	-0.04134	0.088632	-0.0346	0.058983
0.080619	-0.06728	0.024468	-0.0877	0.048722	-0.04704	0.087979	-0.02637	0.065974
0.08107	-0.06583	0.027613	-0.08825	0.044049	-0.05249	0.086667	-0.01788	0.072151
0.08151	-0.06434	0.03072	-0.08859	0.039209	-0.05764	0.084706	-0.00921	0.077435
0.081936	-0.06281	0.033784	-0.08871	0.034219	-0.06248	0.082112	-0.00046	0.081761
0.08235	-0.06124	0.036802	-0.08861	0.029098	-0.06698	0.078903	0.008304	0.085077
0.082752	-0.05964	0.03977	-0.0883	0.023866	-0.0711	0.075103	0.016983	0.087341
0.08314	-0.058	0.042683	-0.08777	0.018542	-0.07484	0.070742	0.025497	0.088524
0.083517	-0.05632	0.045537	-0.08703	0.013149	-0.07816	0.065851	0.033761	0.088614
0.08388	-0.05461	0.048328	-0.08607	0.007704	-0.08106	0.060468	0.041696	0.087607
0.084231	-0.05286	0.051053	-0.0849	0.002231	-0.0835	0.054632	0.049223	0.085517
0.084568	-0.05109	0.053708	-0.08353	-0.00325	-0.08549	0.048387	0.056269	0.08237
0.084893	-0.04928	0.056289	-0.08195	-0.00872	-0.08701	0.04178	0.062765	0.078204
0.085205	-0.04744	0.058792	-0.08017	-0.01416	-0.08805	0.034861	0.068648	0.073072
0.085504	-0.04557	0.061215	-0.0782	-0.01954	-0.08861	0.02768	0.07386	0.067036
0.085789	-0.04368	0.063553	-0.07603	-0.02485	-0.08868	0.020293	0.07835	0.06017
0.086062	-0.04175	0.065804	-0.07368	-0.03006	-0.08826	0.012754	0.082075	0.052561
0.086321	-0.03981	0.067965	-0.07115	-0.03516	-0.08736	0.005119	0.084998	0.044302
0.086568	-0.03783	0.070032	-0.06844	-0.04012	-0.08597	-0.00255	0.08709	0.035496
0.086801	-0.03584	0.072003	-0.06557	-0.04493	-0.08412	-0.01021	0.088331	0.02625
0.08702	-0.03382	0.073875	-0.06253	-0.04957	-0.0818	-0.01779	0.088708	0.01668
0.087227	-0.03178	0.075645	-0.05935	-0.05402	-0.07903	-0.02523	0.088219	0.006903
0.08742	-0.02973	0.077311	-0.05602	-0.05826	-0.07583	-0.03249	0.086868	-0.00296
0.0876	-0.02765	0.078871	-0.05255	-0.06229	-0.0722	-0.0395	0.084668	-0.01278
0.087766	-0.02556	0.080323	-0.04895	-0.06607	-0.06819	-0.04622	0.081641	-0.02245

0.087919	-0.02345	0.081663	-0.04523	-0.0696	-0.06379	-0.05259	0.077816	-0.03184
0.088059	-0.02133	0.082892	-0.04141	-0.07286	-0.05905	-0.05856	0.07323	-0.04084
0.088185	-0.01919	0.084007	-0.03748	-0.07585	-0.05398	-0.0641	0.067929	-0.04933
0.088297	-0.01705	0.085006	-0.03346	-0.07855	-0.04862	-0.06916	0.061964	-0.05721
0.088396	-0.01489	0.085888	-0.02936	-0.08094	-0.04299	-0.07371	0.055394	-0.06438
0.088482	-0.01272	0.086652	-0.02518	-0.08303	-0.03712	-0.0777	0.048282	-0.07076
0.088554	-0.01055	0.087297	-0.02095	-0.0848	-0.03105	-0.08111	0.040699	-0.07626
0.088613	-0.00837	0.087822	-0.01666	-0.08625	-0.0248	-0.08391	0.032717	-0.08082
0.088658	-0.00618	0.088226	-0.01233	-0.08737	-0.01842	-0.08608	0.024417	-0.08438
0.088689	-0.00399	0.088509	-0.00798	-0.08815	-0.01194	-0.08761	0.015877	-0.0869
0.088707	-0.0018	0.08867	-0.0036	-0.0886	-0.00539	-0.08849	0.007182	-0.08834
0.088711	0.000392	0.08871	0.000785	-0.08871	0.001182	-0.0887	-0.00158	-0.08869
0.088702	0.002585	0.088627	0.005169	-0.08848	0.007752	-0.08825	-0.01033	-0.08795
0.088679	0.004776	0.088422	0.00954	-0.08791	0.014279	-0.08714	-0.01898	-0.08611
0.088643	0.006965	0.088096	0.013887	-0.087	0.020728	-0.08537	-0.02744	-0.08321
0.088593	0.009149	0.087648	0.018201	-0.08577	0.027062	-0.08297	-0.03564	-0.07929
0.08853	0.011327	0.08708	0.02247	-0.0842	0.033248	-0.07995	-0.04348	-0.07438
0.088453	0.013499	0.086393	0.026685	-0.08232	0.039251	-0.07633	-0.05091	-0.06855
0.088363	0.015662	0.085586	0.030834	-0.08012	0.045039	-0.07213	-0.05783	-0.06187
0.088259	0.017816	0.084662	0.034907	-0.07761	0.050578	-0.0674	-0.06419	-0.05443
0.088141	0.019959	0.083621	0.038896	-0.07481	0.05584	-0.06216	-0.06992	-0.04632
0.08801	0.02209	0.082466	0.042789	-0.07172	0.060794	-0.05646	-0.07497	-0.03763
0.087866	0.024207	0.081197	0.046578	-0.06836	0.065414	-0.05034	-0.07929	-0.02848
0.087708	0.026309	0.079816	0.050252	-0.06474	0.069675	-0.04384	-0.08283	-0.01898
0.087537	0.028396	0.078326	0.053804	-0.06087	0.073552	-0.03701	-0.08556	-0.00924
0.087352	0.030465	0.076727	0.057225	-0.05677	0.077025	-0.0299	-0.08745	0.000612
0.087155	0.032515	0.075024	0.060505	-0.05245	0.080074	-0.02257	-0.0885	0.010457
0.086943	0.034545	0.073217	0.063638	-0.04793	0.082683	-0.01507	-0.08867	0.020172
0.086719	0.036555	0.071309	0.066615	-0.04323	0.084838	-0.00746	-0.08798	0.029639
0.086481	0.038542	0.069304	0.069429	-0.03836	0.086526	0.000209	-0.08643	0.038739
0.08623	0.040505	0.067203	0.072074	-0.03335	0.087738	0.007874	-0.08404	0.047359
0.085966	0.042444	0.06501	0.074542	-0.0282	0.088468	0.015481	-0.08082	0.055395
0.085689	0.044357	0.062727	0.076828	-0.02295	0.088711	0.022973	-0.07682	0.062745
0.085398	0.046242	0.060358	0.078926	-0.01762	0.088466	0.030292	-0.07206	0.069319
0.085095	0.0481	0.057906	0.080832	-0.01221	0.087735	0.037384	-0.0666	0.075037
0.084778	0.049928	0.055374	0.08254	-0.00676	0.086522	0.044197	-0.06049	0.079826
0.084449	0.051725	0.052767	0.084046	-0.00129	0.084833	0.050679	-0.05379	0.083629
0.084107	0.053491	0.050086	0.085346	0.004195	0.082677	0.056782	-0.04656	0.086397
0.083752	0.055224	0.047337	0.086438	0.009661	0.080067	0.06246	-0.03888	0.088097
0.083384	0.056924	0.044523	0.087319	0.01509	0.077016	0.067671	-0.03081	0.088708
0.083003	0.058588	0.041647	0.087986	0.02046	0.073542	0.072375	-0.02245	0.088222
0.08261	0.060217	0.038715	0.088438	0.025753	0.069664	0.076537	-0.01387	0.086645
0.082204	0.061809	0.035729	0.088674	0.030948	0.065402	0.080127	-0.00515	0.083997
0.081785	0.063363	0.032693	0.088693	0.036024	0.060781	0.083117	0.003621	0.08031
0.081354	0.064879	0.029613	0.088495	0.040963	0.055826	0.085486	0.012355	0.07563
0.080911	0.066355	0.026493	0.088081	0.045745	0.050563	0.087214	0.020968	0.070015
0.080455	0.06779	0.023335	0.087452	0.050353	0.045023	0.08829	0.029376	0.063535
0.079987	0.069184	0.020146	0.086609	0.054768	0.039235	0.088705	0.037497	0.056268
0.079506	0.070535	0.016929	0.085554	0.058974	0.033232	0.088457	0.045251	0.048306
0.079014	0.071844	0.013689	0.08429	0.062955	0.027045	0.087546	0.052563	0.039747
0.078509	0.073108	0.010429	0.08282	0.066695	0.02071	0.085981	0.059362	0.030696
0.077993	0.074328	0.007156	0.081148	0.070181	0.014261	0.083772	0.06558	0.021266
0.077464	0.075503	0.003873	0.079277	0.073399	0.007734	0.080936	0.071158	0.011572
0.076924	0.076631	0.000584	0.077212	0.076336	0.001164	0.077494	0.076041	0.001736
0.076372	0.077712	-0.00271	0.074959	0.078982	-0.00541	0.073473	0.08018	-0.00812
0.075808	0.078746	-0.00599	0.072522	0.081326	-0.01196	0.068902	0.083536	-0.01788
0.075233	0.079732	-0.00927	0.069908	0.08336	-0.01844	0.063815	0.086075	-0.02742
0.074646	0.080669	-0.01253	0.067124	0.085075	-0.02482	0.058251	0.087773	-0.03661

0.074047	0.081557	-0.01578	0.064175	0.086465	-0.03106	0.05225	0.088614	-0.04536
0.073438	0.082395	-0.01901	0.061069	0.087525	-0.03713	0.045859	0.088589	-0.05354
0.072817	0.083182	-0.02221	0.057814	0.088251	-0.043	0.039125	0.087698	-0.06106
0.072185	0.083919	-0.02538	0.054418	0.08864	-0.04863	0.032098	0.08595	-0.06783
0.071542	0.084605	-0.02851	0.050888	0.08869	-0.054	0.02483	0.083362	-0.07376
0.070888	0.085238	-0.03161	0.047235	0.088402	-0.05906	0.017377	0.07996	-0.07877
0.070224	0.08582	-0.03466	0.043465	0.087776	-0.06381	0.009794	0.075776	-0.08282
0.069548	0.086349	-0.03766	0.03959	0.086814	-0.0682	0.002137	0.070852	-0.08583
0.068862	0.086825	-0.04061	0.035618	0.085522	-0.07222	-0.00554	0.065235	-0.08779
0.068166	0.087249	-0.04351	0.031558	0.083902	-0.07583	-0.01317	0.058981	-0.08866
0.067459	0.087619	-0.04635	0.027422	0.081962	-0.07904	-0.0207	0.05215	-0.08844
0.066741	0.087935	-0.04912	0.023218	0.079709	-0.0818	-0.02808	0.04481	-0.08712
0.066014	0.088198	-0.05182	0.018958	0.077152	-0.08412	-0.03524	0.037032	-0.08472
0.065276	0.088406	-0.05446	0.014651	0.0743	-0.08598	-0.04215	0.028893	-0.08128
0.064528	0.088561	-0.05702	0.010309	0.071164	-0.08736	-0.04874	0.02047	-0.07683
0.063771	0.088662	-0.0595	0.005941	0.067757	-0.08826	-0.05496	0.011848	-0.07143
0.063004	0.088708	-0.0619	0.001559	0.064091	-0.08868	-0.06077	0.00311	-0.06515
0.062227	0.0887	-0.06421	-0.00283	0.06018	-0.08861	-0.06613	-0.00566	-0.05806
0.061441	0.088638	-0.06643	-0.00721	0.056039	-0.08805	-0.07099	-0.01437	-0.05026
0.060645	0.088522	-0.06857	-0.01157	0.051684	-0.08701	-0.07532	-0.02294	-0.04183
0.05984	0.088352	-0.07061	-0.0159	0.047132	-0.08549	-0.07909	-0.03129	-0.03289
0.059026	0.088127	-0.07255	-0.02019	0.042399	-0.0835	-0.08227	-0.03933	-0.02354
0.058203	0.087849	-0.07439	-0.02444	0.037505	-0.08105	-0.08483	-0.04699	-0.0139
0.057371	0.087517	-0.07613	-0.02862	0.032468	-0.07815	-0.08675	-0.05419	-0.00408
0.05653	0.087132	-0.07777	-0.03274	0.027306	-0.07483	-0.08803	-0.06086	0.005782
0.05568	0.086693	-0.0793	-0.03678	0.02204	-0.07109	-0.08865	-0.06694	0.015574
0.054823	0.086202	-0.08072	-0.04072	0.016691	-0.06696	-0.0886	-0.07236	0.025174
0.053956	0.085657	-0.08203	-0.04457	0.011277	-0.06247	-0.08789	-0.07707	0.034462
0.053082	0.085061	-0.08322	-0.0483	0.00582	-0.05763	-0.08653	-0.08103	0.043325
0.052199	0.084412	-0.08431	-0.05192	0.000341	-0.05247	-0.08451	-0.0842	0.051651
0.051308	0.083712	-0.08527	-0.05541	-0.00514	-0.04703	-0.08187	-0.08655	0.05934
0.05041	0.08296	-0.08612	-0.05877	-0.0106	-0.04132	-0.07861	-0.08805	0.066294
0.049504	0.082158	-0.08685	-0.06198	-0.01602	-0.03539	-0.07476	-0.08869	0.072428
0.04859	0.081306	-0.08746	-0.06504	-0.02138	-0.02927	-0.07036	-0.08846	0.077667
0.047669	0.080404	-0.08795	-0.06795	-0.02666	-0.02298	-0.06542	-0.08737	0.081946
0.04674	0.079453	-0.08832	-0.07068	-0.03183	-0.01657	-0.06	-0.08542	0.085212
0.045805	0.078453	-0.08857	-0.07324	-0.03689	-0.01007	-0.05413	-0.08264	0.087423
0.044862	0.077405	-0.08869	-0.07563	-0.0418	-0.00351	-0.04785	-0.07906	0.088554
0.043912	0.07631	-0.0887	-0.07783	-0.04655	0.00307	-0.04122	-0.0747	0.08859
0.042956	0.075169	-0.08858	-0.07984	-0.05113	0.009631	-0.03427	-0.06961	0.08753
0.041993	0.073981	-0.08834	-0.08165	-0.05551	0.016139	-0.02707	-0.06384	0.085389
0.041024	0.072748	-0.08798	-0.08327	-0.05968	0.022559	-0.01967	-0.05744	0.082191
0.040049	0.071471	-0.0875	-0.08468	-0.06362	0.028855	-0.01212	-0.05049	0.077977
0.039067	0.07015	-0.08689	-0.08588	-0.06731	0.034991	-0.00448	-0.04304	0.072799
0.03808	0.068786	-0.08617	-0.08687	-0.07075	0.040936	0.003192	-0.03517	0.066721
0.037086	0.06738	-0.08533	-0.08766	-0.07392	0.046655	0.010842	-0.02696	0.059818
0.036087	0.065933	-0.08437	-0.08822	-0.07681	0.052118	0.01841	-0.01848	0.052175
0.035083	0.064446	-0.0833	-0.08857	-0.07941	0.057294	0.025841	-0.00982	0.043887
0.034073	0.062919	-0.08211	-0.08871	-0.0817	0.062156	0.033079	-0.00107	0.035056
0.033058	0.061354	-0.08081	-0.08863	-0.08368	0.066675	0.040069	0.007692	0.025792
0.032038	0.059751	-0.0794	-0.08833	-0.08534	0.070828	0.046759	0.01638	0.016209
0.031013	0.058112	-0.07788	-0.08782	-0.08667	0.074591	0.053099	0.024908	0.006425
0.029983	0.056437	-0.07625	-0.08709	-0.08767	0.077944	0.059042	0.033192	-0.00344
0.028949	0.054728	-0.07451	-0.08614	-0.08834	0.080869	0.064543	0.041153	-0.01326
0.02791	0.052985	-0.07268	-0.08499	-0.08867	0.083349	0.069561	0.048711	-0.02291
0.026867	0.05121	-0.07074	-0.08363	-0.08866	0.085371	0.074059	0.055793	-0.03229
0.02582	0.049403	-0.06871	-0.08207	-0.08832	0.086923	0.078002	0.062329	-0.04126
0.024768	0.047567	-0.06658	-0.0803	-0.08763	0.087997	0.081362	0.068257	-0.04973

0.023714	0.045701	-0.06436	-0.07834	-0.08662	0.088587	0.084113	0.073518	-0.05757
0.022655	0.043808	-0.06205	-0.07619	-0.08527	0.088691	0.086234	0.07806	-0.06471
0.021593	0.041887	-0.05966	-0.07385	-0.08359	0.088306	0.08771	0.08184	-0.07105
0.020528	0.039941	-0.05719	-0.07133	-0.0816	0.087436	0.08853	0.08482	-0.07651
0.019459	0.037971	-0.05463	-0.06863	-0.07929	0.086085	0.088688	0.086971	-0.08102
0.018388	0.035977	-0.052	-0.06577	-0.07668	0.084261	0.088181	0.088272	-0.08453
0.017314	0.033962	-0.0493	-0.06275	-0.07378	0.081974	0.087015	0.08871	-0.08699
0.016237	0.031925	-0.04653	-0.05957	-0.0706	0.079235	0.085198	0.088282	-0.08838
0.015158	0.029869	-0.0437	-0.05625	-0.06714	0.076062	0.082743	0.086991	-0.08868
0.014076	0.027795	-0.04081	-0.05279	-0.06343	0.072469	0.079669	0.08485	-0.08788
0.012992	0.025704	-0.03786	-0.0492	-0.05948	0.068479	0.075998	0.081879	-0.08599
0.011906	0.023597	-0.03486	-0.04549	-0.0553	0.064112	0.07176	0.078109	-0.08305
0.010819	0.021476	-0.03181	-0.04167	-0.05091	0.059392	0.066984	0.073575	-0.07907
0.00973	0.019342	-0.02872	-0.03775	-0.04633	0.054345	0.061706	0.068323	-0.07411
0.008639	0.017195	-0.02559	-0.03374	-0.04157	0.048999	0.055966	0.062401	-0.06824
0.007548	0.015041	-0.02243	-0.02965	-0.03665	0.043393	0.049819	0.055883	-0.06154
0.006451	0.012868	-0.01922	-0.02546	-0.03158	0.037519	0.043263	0.048778	-0.05403
0.005358	0.010697	-0.016	-0.02124	-0.0264	0.031465	0.036416	0.041233	-0.0459
0.004266	0.008522	-0.01276	-0.01697	-0.02113	0.025251	0.029311	0.033302	-0.03722
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0.00105	0.0021	-0.00315	-0.0042	-0.00525	0.006294	0.00734	0.008385	-0.00943
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0.044625	-0.04862	-0.05248	0.056196	0.059762	-0.06316	0.066394	0.069442	-0.0723
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0.075597	-0.07994	-0.08344	0.086081	0.08782	-0.08864	0.088535	0.0875	-0.08555
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0.087279	-0.08864	-0.08828	0.086208	0.082466	-0.07712	0.070282	0.062071	-0.05265
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0.088508	-0.08635	-0.08187	0.075188	0.066488	-0.056	0.044	0.030813	-0.01679
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0.026185	-0.07257	-0.08862	0.06761	0.018331	0.038617	-0.07941	-0.08699	0.058171
0.036435	-0.07882	-0.08704	0.05755	0.003111	0.052678	-0.08563	-0.08146	0.041959
0.04613	-0.08361	-0.08356	0.046007	-0.0122	0.064933	-0.08851	-0.07234	0.023679
0.055121	-0.08685	-0.07824	0.033279	-0.02715	0.074962	-0.08794	-0.06004	0.004231
0.06327	-0.0885	-0.0712	0.019693	-0.04129	0.082421	-0.08394	-0.0451	-0.01543

0.070454	-0.08851	-0.0626	0.005599	-0.05419	0.087055	-0.07667	-0.02818	-0.03432
0.076563	-0.08689	-0.05263	-0.00864	-0.06547	0.088704	-0.0664	-0.01001	-0.05152
0.081503	-0.08366	-0.04149	-0.02265	-0.0748	0.087312	-0.05355	0.008596	-0.06619
0.0852	-0.07889	-0.02945	-0.03609	-0.08189	0.082927	-0.03861	0.026823	-0.07759
0.087596	-0.07266	-0.01676	-0.04859	-0.08654	0.075699	-0.02217	0.043871	-0.08516
0.088655	-0.06509	-0.0037	-0.05984	-0.0886	0.065876	-0.00486	0.058988	-0.08854
0.088361	-0.05632	0.009438	-0.06954	-0.08802	0.053794	0.012642	0.07151	-0.08755
0.086719	-0.04651	0.02237	-0.07746	-0.0848	0.039869	0.029648	0.080886	-0.08224
0.083753	-0.03584	0.034812	-0.08338	-0.07906	0.024576	0.045498	0.086703	-0.07288
0.07951	-0.0245	0.046488	-0.08715	-0.07094	0.008441	0.059574	0.088705	-0.05993
0.074052	-0.01272	0.057144	-0.08868	-0.06072	-0.00798	0.071327	0.086805	-0.04402
0.067465	-0.0007	0.066544	-0.08792	-0.04867	-0.02413	0.080299	0.081085	-0.02594
0.059848	0.011328	0.074483	-0.08489	-0.03517	-0.03946	0.08614	0.071798	-0.00659
0.051317	0.02315	0.080786	-0.07968	-0.02063	-0.05343	0.088623	0.059352	0.013097
0.042004	0.034545	0.085315	-0.07241	-0.00546	-0.06557	0.08765	0.044295	0.032134
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0.021605	0.055223	0.088692	-0.05252	0.024899	-0.08276	0.075624	0.009083	0.064595
0.010832	0.064124	0.087467	-0.0404	0.039188	-0.08723	0.065039	-0.00952	0.076418
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0.006526	-0.08631	-0.04559	-0.05879	-0.08108	-0.00984	0.087019	0.04267	0.061272
0.017384	-0.08829	-0.03384	-0.06866	-0.07367	-0.02593	0.088706	0.025509	0.073916
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0.047728	-0.08446	0.004753	-0.08688	-0.03944	-0.06681	0.073422	-0.02948	0.088408
0.056584	-0.08	0.017792	-0.08863	-0.02517	-0.07643	0.06221	-0.04628	0.084631
0.064576	-0.07407	0.030441	-0.08809	-0.01015	-0.08342	0.048572	-0.06105	0.076682
0.071582	-0.06676	0.042421	-0.08529	0.005178	-0.08755	0.03304	-0.07313	0.064951
0.077497	-0.05823	0.05347	-0.08029	0.02035	-0.08868	0.01622	-0.08199	0.050019
0.082228	-0.04862	0.063344	-0.07322	0.034914	-0.08677	-0.00123	-0.08725	0.03262
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0.087873	-0.0269	0.078732	-0.05365	0.060508	-0.0742	-0.03532	-0.08619	-0.00606
0.088701	-0.0152	0.083908	-0.04165	0.070774	-0.06396	-0.05062	-0.07991	-0.02544
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0.086303	0.008839	0.088658	-0.01478	0.08472	-0.03734	-0.07478	-0.05724	-0.05954
0.083114	0.020723	0.088127	-0.0006	0.087983	-0.02187	-0.0827	-0.04185	-0.07259
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0.066227	0.053241	0.075181	0.0406	0.082003	0.026822	-0.08651	0.0123	-0.08857
0.058445	0.062368	0.067396	0.052697	0.074953	0.041951	-0.08096	0.030354	-0.08531
0.04977	0.070344	0.058131	0.063436	0.065664	0.055641	-0.07226	0.047073	-0.07784
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0.030286	0.082276	0.036002	0.079776	0.041536	0.076896	-0.04686	0.073653	-0.05195
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0.031524	-0.02011	0.064893	0.087599	-0.0805	-0.04601	0.004126	-0.05286	-0.08361
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0.050858	0.003841	0.044377	0.078695	-0.08837	-0.07037	-0.03034	-0.01919	-0.06271
0.059432	0.01582	0.032537	0.07113	-0.08838	-0.07912	-0.04612	-0.00071	-0.04732
0.067098	0.027506	0.019983	0.061733	-0.08576	-0.08516	-0.06011	0.017813	-0.0296
0.073741	0.038685	0.00699	0.050744	-0.08057	-0.08828	-0.07176	0.035548	-0.01042
0.079259	0.049149	-0.00616	0.038448	-0.07297	-0.08837	-0.08061	0.051719	0.00928
0.083567	0.058707	-0.01917	0.025161	-0.0632	-0.08543	-0.08631	0.065614	0.028518
0.086599	0.06718	-0.03176	0.011226	-0.05154	-0.07957	-0.08865	0.076623	0.04635
0.08831	0.074413	-0.04365	-0.003	-0.03833	-0.07098	-0.08753	0.08426	0.061897
0.088673	0.080272	-0.05459	-0.01715	-0.02398	-0.05995	-0.083	0.088191	0.074392
0.087683	0.08465	-0.06432	-0.03085	-0.00892	-0.04687	-0.07524	0.088241	0.08322
0.085355	0.087464	-0.07264	-0.04376	0.006411	-0.03218	-0.06454	0.084409	0.087945
0.081724	0.088664	-0.07937	-0.05554	0.02155	-0.01639	-0.05132	0.076863	0.088333
0.076845	0.088227	-0.08435	-0.0659	0.036046	-3.39E-05	-0.03611	0.065935	0.084367
0.070794	0.086162	-0.08748	-0.07455	0.049465	0.016321	-0.01948	0.052107	0.076241
0.063663	0.082505	-0.08869	-0.08128	0.061406	0.032116	-0.0021	0.035986	0.064357
0.05556	0.077326	-0.08796	-0.08592	0.071512	0.04681	0.015369	0.018282	0.049299
0.046609	0.070719	-0.08529	-0.08834	0.079482	0.059899	0.032236	-0.00023	0.031811
0.036947	0.062806	-0.08074	-0.08849	0.085078	0.070935	0.047846	-0.01873	0.012754
0.026721	0.053734	-0.07442	-0.08636	0.088132	0.079539	0.061591	-0.0364	-0.00693
0.016087	0.04367	-0.06647	-0.082	0.088553	0.085416	0.072934	-0.05247	-0.02627
0.005208	0.0328	-0.05706	-0.07553	0.086328	0.088365	0.081433	-0.06624	-0.04432
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0.074955	0.077405	-0.07964	0.081652	0.083436	-0.08498	-0.08629	0.087356	-0.08817
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0.088264	0.08868	-0.08856	0.087894	0.086694	-0.08496	-0.08271	0.079941	-0.07668
0.087883	0.086443	-0.0843	0.081458	0.077951	-0.0738	-0.06904	0.063705	-0.05784
0.082692	0.078966	-0.0744	0.069055	0.062971	-0.05621	-0.04886	0.040971	-0.03264
0.072944	0.066669	-0.05951	0.051555	0.042912	-0.03369	-0.02402	0.014015	-0.00382
0.059197	0.050326	-0.04063	0.030275	0.019418	-0.00824	0.003085	-0.01436	0.025419
0.042199	0.030921	-0.01903	0.006768	-0.00564	0.017939	0.029897	-0.04128	0.051852
0.022884	0.009636	0.003841	-0.01724	-0.03024	0.042548	0.053876	-0.06396	0.072562
0.002313	-0.01223	0.026458	-0.03997	-0.05241	0.06344	0.072753	-0.0801	0.085267
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0.010652	0.039208	-0.06335	0.080336	0.088256	-0.0862	-0.07441	0.054186	-0.02783
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0.077373	0.088021	-0.08565	0.070614	0.045122	-0.01294	0.021157	-0.05213	0.07538
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0.080686	0.057549	-0.02362	-0.01474	-0.05034	0.076501	0.088307	-0.08353	0.063063
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0.005284	0.08719	-0.03693	-0.06931	-0.07048	-0.0352	-0.08751	0.00712	0.084066
0.025745	0.088531	-0.015	-0.08163	-0.05255	-0.05747	-0.07896	-0.02117	0.088691
0.044791	0.084489	0.007945	-0.08795	-0.03039	-0.07471	-0.06294	-0.04729	0.08353
0.061379	0.075309	0.030355	-0.08781	-0.0058	-0.08542	-0.04095	-0.06857	0.069152
0.074596	0.06155	0.050731	-0.08121	0.019258	-0.08867	-0.01508	-0.08283	0.047143
0.083717	0.044048	0.067707	-0.06865	0.04277	-0.08418	0.012212	-0.08861	0.019933
0.088242	0.023868	0.080147	-0.05104	0.062849	-0.07233	0.038351	-0.08531	-0.00948
0.087922	0.002236	0.087217	-0.02968	0.077882	-0.05416	0.060857	-0.07328	-0.03784
0.082775	-0.01953	0.088443	-0.00614	0.086662	-0.03127	0.077598	-0.05375	-0.06203

0.073082	-0.04011	0.083743	0.017858	0.088485	-0.00564	0.086988	-0.02871	-0.07937
0.059377	-0.05825	0.073432	0.040539	0.083205	0.020487	0.088138	-0.00073	-0.08796
0.042412	-0.07285	0.058201	0.06024	0.071244	0.04482	0.080938	0.02732	-0.08684
0.023118	-0.08302	0.03907	0.075514	0.053564	0.065237	0.066071	0.052576	-0.07614
0.002555	-0.08814	0.017321	0.085238	0.031584	0.079955	0.044945	0.072448	-0.05703
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0.010411	0.086813	0.025871	-0.0822	0.040525	-0.07497	0.053904	-0.06534	-0.06558
0.030625	0.079717	0.046782	-0.07023	0.061029	-0.05784	0.072773	-0.04305	-0.08152
0.049157	0.067774	0.064558	-0.05309	0.076633	-0.03565	0.084747	-0.01635	-0.08847
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0.085277	0.011316	0.088678	0.015364	0.084052	0.040667	0.071802	0.062296	-0.05303
0.088618	-0.01056	0.085182	0.038264	0.07273	0.061933	0.052565	0.079049	-0.02681
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0.055455	-0.07938	0.021931	0.08864	-0.01552	0.08208	-0.05021	0.06085	0.075939
0.037822	-0.08665	-0.00086	0.086264	-0.03939	0.068666	-0.07007	0.037351	0.08676
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0.015503	0.073284	0.075649	-0.01119	0.084829	0.058453	0.036834	0.088695	0.036005
0.035402	0.058826	0.085003	0.012858	0.074156	0.075402	0.010551	0.084298	0.06057
0.053356	0.040791	0.088661	0.035958	0.057528	0.085763	-0.01673	0.07127	0.078452
0.068382	0.020276	0.086379	0.056416	0.036283	0.088632	-0.04243	0.050944	0.087678
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0.088695	-0.04338	0.047321	0.08851	-0.0371	0.053124	-0.08777	-0.0306	0.058565
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0.020543	0.048651	0.087331	0.071245	-0.01049	0.056843	-0.08853	-0.06472	-0.00034
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0.006443	-0.01663	0.026595	0.036217	-0.04536	-0.0539	0.061722	-0.06871	-0.07478
0.036066	-0.04613	0.055445	0.063854	-0.07122	-0.07741	0.08233	-0.08588	-0.08801
0.061414	-0.06977	0.076761	0.082235	-0.08608	-0.08823	0.088616	-0.08724	-0.08412
0.07948	-0.08455	0.087642	0.088689	-0.08766	-0.08457	0.079482	-0.07252	-0.06384
0.08812	-0.08857	0.086612	0.082282	-0.0757	-0.06703	0.056519	-0.04444	-0.03113
0.086311	-0.08134	0.07381	0.063943	-0.05205	-0.0385	0.023721	-0.00818	0.007637
0.074267	-0.06377	0.050974	0.03633	-0.02036	-0.00365	-0.0132	0.029593	0.044919
0.053416	-0.0381	0.021211	0.003449	0.014464	0.031795	-0.04783	0.061912	0.073454
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0.001687	-0.03102	0.056843	0.076224	-0.08696	-0.08781	0.078676	-0.06059	-0.03559
0.031667	-0.0582	0.077649	0.087647	-0.08696	-0.07567	0.055136	-0.02786	0.002836
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0.057137	-0.0241	-0.01322	-0.04821	0.074617	0.087745	-0.08524	0.067536	0.037778
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0.086977	0.016676	-0.07441	0.07274	-0.01959	0.0875	0.046373	-0.05253	0.085983
0.08771	0.046176	-0.05186	0.086435	0.015249	0.074588	0.073177	-0.01774	0.086954
0.078042	0.069806	-0.02227	0.087595	0.047732	0.04944	0.08725	0.020319	0.070995
0.05912	0.084563	0.010352	0.076053	0.072845	0.016181	0.08614	0.054635	0.041212
0.033186	0.088572	0.041567	0.053481	0.086712	-0.01973	0.070043	0.078886	0.003404
0.003318	0.081322	0.067132	0.023153	0.08719	-0.05241	0.041758	0.088605	-0.03507
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0.024667	-0.05831	-0.08775	0.036634	-0.0481	0.088686	0.047881	-0.03685	0.08777

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0.085921	0.031069	-0.05039	0.088688	0.051042	0.030304	0.0857	0.067733	0.008204
0.088291	0.058238	-0.02052	0.082109	0.075045	-0.00524	0.068937	0.085491	-0.0306
0.080191	0.078003	0.012144	0.063623	0.087461	-0.03993	0.040179	0.0875	-0.06344
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0.037551	0.086538	0.068298	0.002989	0.071949	-0.08503	-0.03209	0.04576	-0.08808
0.008068	0.074221	0.084159	-0.03036	0.046417	-0.08805	-0.06303	0.009701	-0.07508
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0.084617	0.04458	-0.01876	0.072283	0.088033	-0.05778	0.002651	0.061695	-0.08851
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0.068954	0.086926	0.085229	-0.06425	-0.02875	-0.01326	-0.05226	-0.07944	0.088664
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0.025656	0.032849	0.077033	-0.08761	-0.05994	0.00608	0.050441	0.084918	-0.08225
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-0.07814	0.086586	0.053171	0.005964	0.062221	-0.08837	0.071722	0.020323	0.040935

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-0.0809	0.035669	-0.02797	0.077178	0.086525	-0.05116	-0.01066	-0.06697	0.08864
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0.019622	-0.07437	-0.08698	0.05026	-0.01497	0.071711	-0.08775	-0.05395	-0.0105
0.055788	-0.08818	-0.06906	0.009584	-0.0555	0.088134	-0.06921	-0.00978	-0.05539
0.08049	-0.08289	-0.03541	-0.03339	-0.08209	0.081343	-0.03158	0.037222	-0.08359
0.088653	-0.05965	0.00631	-0.06836	-0.08804	0.053126	0.014753	0.073484	-0.0866
0.078599	-0.02349	0.046591	-0.08697	-0.07188	0.010916	0.057021	0.088551	-0.06351
0.052394	0.017746	0.076256	-0.08476	-0.03765	-0.03417	0.083564	0.078078	-0.02129
0.015423	0.055144	0.088547	-0.06225	0.006037	-0.07026	0.087061	0.045084	0.027349
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0.029725	-0.08512	-0.07002	-0.00309	-0.07364	0.083154	-0.02372	0.055392	-0.08855
0.063558	-0.08716	-0.03682	-0.04476	-0.08836	0.056934	0.022843	0.083218	-0.07288
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0.087775	-0.03826	0.045269	-0.08855	-0.05306	-0.02964	0.085964	0.06576	0.013009
0.073183	0.002082	0.075456	-0.08017	-0.01192	-0.06719	0.085115	0.025511	0.057342
0.043553	0.041976	0.088451	-0.0526	0.032215	-0.08704	0.060793	-0.0221	0.084396
0.004973	0.072782	0.081292	-0.01244	0.068257	-0.08397	0.019705	-0.06333	0.086019
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0.039409	-0.08867	-0.03822	-0.05522	-0.08654	0.020474	0.068638	0.080478	-0.00169
0.070434	-0.07878	0.003224	-0.08153	-0.0663	-0.02502	0.087615	0.049623	0.045355
0.086985	-0.05182	0.043933	-0.08831	-0.02939	-0.06392	0.082428	0.004456	0.078734
0.085663	-0.01365	0.074633	-0.07395	0.014899	-0.08598	0.054509	-0.042	0.088388
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0.048539	-0.08474	0.001679	-0.08567	-0.04565	-0.06046	0.079022	-0.01686	0.088317
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0.082345	0.01212	0.088177	-0.03031	0.073601	-0.06568	-0.04204	-0.08587	-0.00084
0.059353	0.050562	0.082477	0.012858	0.08835	-0.02749	-0.0758	-0.06206	-0.04751
0.024165	0.078057	0.057986	0.052944	0.080899	0.017948	-0.08866	-0.02036	-0.07987
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0.021133	-0.08803	0.000134	-0.08806	-0.02083	-0.0831	0.040575	-0.07347	0.057988
0.056986	-0.07365	0.041222	-0.08246	0.023611	-0.0875	-0.00497	-0.08855	0.01385
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0.088602	-0.00363	0.088001	-0.01811	0.08502	-0.03206	-0.07976	-0.04511	-0.07239
0.077868	0.036865	0.083033	0.025241	0.086556	0.013166	-0.08839	0.00088	-0.0885
0.051133	0.069372	0.059146	0.062549	0.066342	0.054927	-0.07263	0.046619	-0.07795
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0.087541	0.022002	0.083562	0.037109	0.07684	0.051032	-0.06757	0.063307	-0.05605
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0.042194	0.082324	0.023278	0.087672	0.003099	0.08838	0.017281	0.084385	0.036779
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0.013861	-0.03021	0.066747	0.086647	-0.08496	-0.06211	-0.02381	-0.02042	-0.05956
0.051108	0.010791	0.032082	0.067334	-0.0866	-0.08532	-0.0638	0.027161	-0.01591
0.077853	0.049455	-0.00989	0.0319	-0.06648	-0.08605	-0.0862	0.066907	0.032524
0.0886	0.077411	-0.04961	-0.01117	-0.02966	-0.06412	-0.08483	0.087354	0.071161
0.081142	0.088606	-0.07803	-0.05157	0.014621	-0.0253	-0.06006	0.082606	0.088354
0.05701	0.080615	-0.08867	-0.07962	0.055224	0.02019	-0.01873	0.054032	0.078923
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0.024136	-0.00496	0.033518	0.058415	-0.07695	-0.08709	-0.08776	0.078882	0.061423
0.05933	0.035641	-0.00835	0.019771	-0.04589	-0.06738	-0.08205	0.088448	0.085918
0.082333	0.06853	-0.04832	-0.02361	-0.00331	-0.02991	-0.05372	0.072503	0.084522
0.088418	0.086579	-0.07728	-0.06133	0.040105	0.015431	-0.01056	0.035646	0.057657
0.076334	0.085882	-0.08863	-0.08437	0.073443	0.05671	0.035501	-0.01149	0.013417

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0.010816	0.032878	-0.05277	-0.06917	0.081014	0.087518	0.088256	-0.08318	-0.07264
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0.085653	0.081815	-0.07651	-0.06984	0.061916	0.052889	0.04292	-0.03219	-0.02088
0.086993	0.088437	-0.08857	-0.0874	0.084942	0.081229	0.07632	-0.07029	-0.06323
0.070453	0.075907	-0.08045	-0.08404	0.086617	0.088166	0.088665	-0.08811	-0.08651
0.039452	0.046957	-0.05402	-0.06057	0.06655	0.071904	0.076584	-0.08055	-0.08375
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-0.05481	-0.05623	0.079039	-0.0222	0.088586	0.015878	0.081763	0.050961	0.059914
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0.040176	-0.08526	-0.00756	-0.08814	0.026092	-0.07819	0.055889	-0.0569	0.077529
0.076401	-0.05794	-0.05564	-0.07785	-0.0278	-0.08778	0.003523	-0.08652	0.034331
0.088598	-0.01162	-0.08471	-0.03988	-0.07142	-0.06366	-0.05025	-0.08034	-0.02359
0.072931	0.038506	-0.08485	0.012267	-0.08863	-0.01508	-0.08398	-0.04093	-0.07139
0.034327	0.076006	-0.056	0.060054	-0.07308	0.039288	-0.08422	0.015417	-0.08858

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0.037746	-0.08223	-0.02843	-0.08543	-0.01882	-0.08754	-0.00902	-0.08854	0.000821
0.074993	-0.05056	-0.07051	-0.05678	-0.06551	-0.06252	-0.06006	-0.06773	-0.05419
0.088655	-0.00232	-0.0885	-0.00795	-0.08799	-0.01348	-0.08714	-0.0189	-0.08597
0.074435	0.046685	-0.07626	0.043717	-0.07794	0.040733	-0.07948	0.037747	-0.08087
0.036805	0.080382	-0.03797	0.079837	-0.03907	0.079302	-0.04012	0.07878	-0.0411
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0.035281	-0.07829	-0.04766	-0.07073	-0.05889	-0.06136	-0.06866	-0.05038	-0.07672
0.073516	-0.04263	-0.0813	-0.02775	-0.08638	-0.01188	-0.08856	0.004448	-0.08773
0.08863	0.007007	-0.08717	0.025105	-0.08194	0.042166	-0.07314	0.05744	-0.06111
0.07587	0.054348	-0.06326	0.06903	-0.04721	0.080012	-0.02855	0.086669	-0.00829
0.039249	0.083867	-0.01774	0.088413	0.004977	0.087124	0.027418	0.080044	0.048088
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0.032783	-0.07348	-0.06413	-0.0461	-0.08382	-0.01027	-0.0882	0.027487	-0.07641
0.07197	-0.03423	-0.08739	0.005187	-0.08504	0.043584	-0.06534	0.07312	-0.03224
0.088522	0.016257	-0.0808	0.054632	-0.05482	0.080696	-0.01642	0.088504	0.025753
0.077234	0.061408	-0.0466	0.084654	-0.00434	0.086811	0.039047	0.067274	0.072706
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0.030255	-0.06787	-0.07689	-0.015	-0.0872	0.044988	-0.05622	0.083691	0.001432
0.070357	-0.02544	-0.08842	0.037392	-0.06183	0.081353	-0.00395	0.084154	0.055958
0.088332	0.025326	-0.06975	0.07649	-0.01361	0.086469	0.049894	0.049804	0.086488
0.078526	0.067788	-0.02725	0.088395	0.039646	0.058371	0.083843	-0.00515	0.079927
0.044024	0.088021	0.024556	0.068873	0.078243	0.007851	0.084356	-0.05797	0.03909
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0.027698	-0.06149	-0.0852	0.018206	-0.06816	0.081983	0.008593	0.073925	0.077824
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0.046351	0.088645	0.044184	0.0435	0.08862	-0.04707	0.040501	-0.08846	-0.04996
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0.025116	-0.05444	-0.08858	0.048857	-0.03159	0.085699	0.068389	0.005888	0.075247
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0.013284	0.00807	-0.00281	0.002492	-0.0078	-0.01311	0.018391	0.023624	-0.02879
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-0.08329	-0.08553	0.087166	0.088174	-0.08854	-0.08825	0.087299	0.085684	-0.0834
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0.010606	0.021196	-0.0315	-0.04136	0.050636	0.059171	-0.06683	-0.0735	0.079048
0.06356	0.071236	-0.07765	-0.08268	0.086215	0.088188	-0.08854	-0.08726	0.084353
0.088252	0.088487	-0.08683	-0.08329	0.077945	0.070888	-0.06226	-0.05224	0.041035
0.073749	0.065057	-0.05471	-0.04296	0.030085	0.016415	-0.00229	0.011928	-0.02587
0.026477	0.011704	0.00344	0.018513	-0.03307	-0.04668	0.058933	0.069451	-0.07791
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0.05236	0.068135	-0.07985	-0.0868	0.088525	0.084914	-0.07616	-0.06276	0.045511
0.085665	0.088622	-0.08574	-0.07718	0.063488	0.045557	-0.02456	-0.00189	-0.02094
0.080914	0.068355	-0.05083	-0.0296	0.006191	-0.0177	0.040331	0.06003	-0.07534
0.040218	0.016654	0.008252	0.032531	-0.05425	-0.07167	0.083387	0.088431	-0.08637
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0.039697	0.064821	-0.08183	-0.08855	0.08412	0.069061	-0.04525	-0.01567	-0.01593
0.080674	0.08847	-0.08439	-0.06895	0.044205	0.013468	0.01912	0.049144	-0.07252
0.085812	0.071435	-0.04681	-0.01544	-0.01817	-0.04919	0.073135	0.086516	-0.08736
0.05283	0.021551	0.013041	0.045662	-0.07131	-0.08604	0.087553	0.075577	-0.05192
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0.02592	0.061299	-0.08356	-0.08789	0.073327	0.04297	-0.00333	0.037059	-0.06945
0.073421	0.088035	-0.08279	-0.05884	0.021566	-0.02062	0.058149	0.082488	-0.08807
0.088306	0.074287	-0.04264	-0.00086	-0.04115	-0.07339	0.088143	0.081857	-0.05599
0.063962	0.026378	0.017791	0.057546	-0.08296	-0.08766	0.070415	0.035516	0.008319
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0.011417	0.057582	-0.08504	-0.08482	0.056964	0.010508	0.039401	0.076446	-0.08847
0.064111	0.087319	-0.08095	-0.04713	-0.00271	-0.05165	0.083029	0.086137	-0.05986
0.088324	0.076901	-0.03835	0.013746	-0.06101	-0.08671	0.081704	0.047729	0.003207
0.0733	0.03112	0.022488	0.067859	-0.08831	-0.07627	0.036143	-0.01733	0.064429
0.025715	-0.02897	0.072633	0.088599	-0.07073	-0.02582	-0.02899	-0.07271	0.088566
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0.053003	0.086322	-0.07887	-0.03412	-0.02678	-0.07502	0.087706	0.058775	-0.00191
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0.080584	0.035764	0.027119	0.076318	-0.08695	-0.05358	-0.00692	-0.06394	0.088529
0.039504	-0.02419	0.075288	0.087126	-0.05348	0.008113	-0.06548	-0.08859	0.065293
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0.04041	0.08505	-0.07655	-0.02019	-0.04882	-0.08727	0.071042	0.010255	0.056982
0.081001	0.081384	-0.02945	0.041442	-0.08567	-0.07471	0.015589	-0.0536	0.088196
0.085609	0.040292	0.031669	0.082692	-0.07898	-0.02295	-0.0483	-0.08753	0.068645
0.052187	-0.01933	0.077719	0.083274	-0.03217	0.040848	-0.08604	-0.07258	0.009581
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0.026683	0.083505	-0.07401	-0.0057	-0.06715	-0.08658	0.037091	-0.04196	0.087569
0.073866	0.083237	-0.02486	0.053776	-0.08859	-0.05118	-0.028	-0.08433	0.071766
0.088234	0.044692	0.036126	0.086808	-0.06502	0.011082	-0.07793	-0.07961	0.014655
0.063406	-0.01441	0.079921	0.077148	-0.00841	0.067527	-0.08567	-0.03044	-0.05089
0.010411	-0.06688	0.085697	0.029546	0.052472	0.088543	-0.04702	0.035732	-0.08715
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0.012209	0.081693	-0.07125	0.008939	-0.08038	-0.07306	-0.00588	-0.07906	0.074648
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0.088386	0.048948	0.040475	0.088553	-0.04612	0.043475	-0.0886	-0.04303	-0.04662
0.072848	-0.00944	0.081886	0.068914	0.015983	0.084195	-0.06445	0.022664	-0.08608
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0.074304	0.060726	0.052754	0.079416	0.024648	0.088121	-0.00645	0.085843	-0.03664
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0.086428	-0.02528	0.061623	-0.08572	-0.0225	-0.06362	-0.08496	0.019838	-0.06545
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0.037344	-0.08816	-0.05288	-0.03401	-0.0877	0.05581	-0.0305	0.087053	0.05875
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0.057265	0.088	-0.07102	-0.01548	-0.04849	-0.0861	0.076811	0.025618	0.039588
0.088316	0.068377	-0.01019	0.053718	-0.08754	-0.07225	0.016361	-0.04875	0.086422
0.066995	0.007001	0.057045	0.08819	-0.0684	-0.00904	-0.05557	-0.08798	0.069332
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0.059972	0.088546	-0.05655	0.014179	-0.0752	-0.08464	0.035953	-0.03747	0.08512
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0.064577	-0.00533	0.071407	0.085918	-0.03832	0.037021	-0.08556	-0.07207	0.006259
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0.08858	0.050247	0.031249	0.085894	-0.06666	0.009972	-0.07802	-0.07879	0.011537
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0.088491	0.039626	0.049902	0.088198	-0.03588	0.053337	-0.08767	-0.03173	-0.05692
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0.067479	0.080004	0.001891	0.081555	-0.06486	0.028522	-0.08816	-0.04343	-0.05275
0.088255	0.028237	0.065744	0.080608	0.001589	0.081872	-0.06345	0.031519	-0.08844
0.056695	-0.04077	0.088279	0.027548	0.066978	0.079288	0.00579	0.08375	-0.05871
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0.010282	0.086441	-0.04673	0.055646	-0.08336	0.000839	-0.08391	-0.0542	-0.0484
0.069762	0.073948	0.02271	0.08838	-0.0334	0.067194	-0.07596	0.019139	-0.08805
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0.01386	0.088287	-0.02768	0.075274	-0.063	0.045758	-0.08439	0.006351	-0.08734
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0.088197	-0.07273	-0.03845	-0.00575	-0.04845	0.078619	0.088481	-0.07552	-0.04309
0.067897	-0.08689	-0.08444	0.061168	0.022835	0.021103	0.059828	-0.08382	-0.08719
0.007333	-0.04799	-0.07736	0.088545	0.078944	-0.05083	-0.01081	-0.03171	-0.0668
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0.05894	-0.02617	0.011315	-0.04674	-0.07372	0.087421	0.08538	-0.06799	-0.03838
0.08846	-0.07905	-0.05617	0.02375	-0.0127	0.04697	0.073246	-0.08707	-0.08612
0.065522	-0.08366	-0.08836	0.078884	0.056769	-0.02557	0.009706	-0.04341	-0.07016
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0.061587	-0.03767	-0.00971	-0.01928	-0.04618	0.068112	0.082729	-0.08847	-0.08474
0.088575	-0.08383	-0.07073	0.05059	0.025422	0.002261	0.029704	-0.05418	-0.07327
0.063037	-0.07881	-0.0873	0.087751	0.080125	-0.06513	-0.04417	0.019157	-0.0076
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0.001688	0.019692	0.039901	-0.05775	-0.0722	0.082404	0.087768	-0.08799	-0.08306
0.064131	-0.04844	-0.03019	0.010345	-0.01003	0.029865	0.048107	-0.0638	-0.07611
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0.005283	0.00752	0.020158	-0.03237	-0.04389	0.054496	0.063963	-0.0721	-0.07873
0.066596	-0.0583	-0.049	0.038849	0.028033	-0.01674	-0.00517	-0.00648	-0.018
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0.008016	-0.00384	0.000353	-0.00455	-0.00876	0.012956	0.017145	-0.02132	-0.02548
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0.015375	-0.02071	0.026091	-0.03152	0.036987	-0.04248	0.047995	-0.05353	0.059072
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0.082536	-0.07603	0.067348	-0.0567	0.044349	-0.03064	0.015942	-0.00067	-0.01474
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0.065631	0.04537	-0.08338	-0.01282	0.088349	-0.02149	-0.08	0.052378	0.059819
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0.044728	-0.08171	-0.02266	0.087793	-0.00089	-0.08753	0.024174	0.081103	-0.04556

0.087647	-0.02301	-0.08198	0.043064	0.071464	-0.0604	-0.05685	0.074054	0.039097
0.064053	0.053602	-0.0759	-0.03687	0.083964	0.018535	-0.08797	0.000486	0.087828
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0.046714	-0.07739	-0.03907	0.081187	0.031209	-0.08415	-0.02322	0.086298	0.015217
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0.06243	0.061158	-0.06544	-0.05797	0.068178	0.054767	-0.07066	-0.05159	0.072875
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0.048668	-0.07209	-0.05396	0.068053	0.059067	-0.06353	-0.06395	0.058505	0.068549
0.088173	-0.00339	-0.08848	-0.00537	0.087918	0.014224	-0.08644	-0.02309	0.084004
0.060765	0.067943	-0.05241	-0.0744	0.043137	0.079778	-0.03305	-0.08395	0.022273
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0.052474	-0.05884	-0.07687	0.026864	0.088033	0.009879	-0.08386	-0.045	0.064931
0.088456	0.016393	-0.08123	-0.05211	0.058247	0.077786	-0.02384	-0.0883	-0.01536
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0.056136	-0.04264	-0.08784	-0.02279	0.070813	0.075603	-0.01433	-0.08627	-0.0502
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0.088425	0.044227	-0.04757	-0.08814	-0.03388	0.056776	0.086378	0.023205	-0.06483
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0.048773	-0.05687	0.064703	-0.07228	0.079713	-0.08735	0.096311	-0.1133	0.008201
0.086467	-0.08543	0.083005	-0.07904	0.0733	-0.06529	0.053567	-0.02901	-0.00937
0.048826	-0.0393	0.029188	-0.01874	0.008292	0.001559	-0.00937	0.006502	0.009375
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0.029827	-0.04415	0.057272	-0.06882	0.078507	-0.08631	0.093075	-0.10778	0.014489
0.08606	-0.08799	0.086684	-0.08204	0.073983	-0.06235	0.04612	-0.01459	-0.01601
0.062106	-0.0483	0.03247	-0.01527	-0.00251	0.019861	-0.03493	0.036542	0.01592
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0.011408	-0.0328	0.052246	-0.06852	0.080557	-0.08766	0.089957	-0.09619	0.020694
0.080311	-0.08708	0.08782	-0.08237	0.070912	-0.05394	0.031645	0.004963	-0.02251
0.073825	-0.05784	0.037413	-0.01403	-0.0105	0.034175	-0.05437	0.059315	0.022431
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0.058132	-0.07982	0.088261	-0.08191	0.061664	-0.03073	-0.00598	0.048626	-0.03493
0.087252	-0.07383	0.04734	-0.01237	-0.02492	0.057809	-0.07998	0.080077	0.035168
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0.042861	-0.07385	0.087901	-0.08162	0.056275	-0.0176	-0.02553	0.067381	-0.04077
0.088246	-0.0798	0.052042	-0.01158	-0.03181	0.067445	-0.08621	0.077542	0.04129
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0.02568	-0.06649	0.087174	-0.08131	0.050497	-0.00401	-0.04388	0.081127	-0.04635
0.085306	-0.08425	0.056528	-0.01079	-0.03848	0.075428	-0.08784	0.067027	0.047176
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0.007354	-0.05785	0.086085	-0.081	0.044374	0.009678	-0.06	0.088327	-0.05163
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0.075957	-0.0327	-0.02418	0.071028	-0.08818	0.068213	-0.01925	-0.03566	-0.05252
0.001984	0.053114	-0.08541	0.080839	-0.0412	-0.01646	0.066939	-0.08917	0.054155
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0.068317	-0.0883	0.064779	-0.00921	-0.05098	0.085759	-0.07744	0.027513	0.058044
0.083746	-0.04367	-0.01866	0.071497	-0.08771	0.058739	0.000715	-0.05782	-0.0577

0.02049	0.042901	-0.08378	0.080516	-0.03464	-0.02968	0.078125	-0.08516	0.05898
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0.055025	-0.08782	0.06851	-0.00841	-0.05673	0.087863	-0.06598	0.002419	0.062939
0.087801	-0.05382	-0.01306	0.071961	-0.08664	0.047845	0.02064	-0.07443	-0.06262
0.038082	0.031873	-0.08181	0.080187	-0.02784	-0.04218	0.085247	-0.07381	0.063491
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0.03928	-0.08567	0.071956	-0.00762	-0.06209	0.087842	-0.05108	-0.02315	0.067427
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0.028072	-0.06424	-0.08199	-0.0047	0.077941	0.070173	-0.01886	-0.08521	-0.08075
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0.063048	0.083383	0.010706	-0.07384	-0.076	0.006523	0.081554	0.064379	-0.08004
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0.009852	-0.07197	-0.07971	-0.00549	0.074277	0.077587	0.001104	-0.076	-0.078
0.079681	0.006358	-0.07331	-0.0791	-0.00527	0.073746	0.078295	0.004014	0.076401
0.074643	0.078578	0.005039	-0.0734	-0.07942	-0.00718	0.071965	0.078608	-0.07677
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0.069882	-0.00582	-0.07633	-0.07945	-0.0125	0.065377	0.085338	0.029767	0.073025
0.082911	0.07228	-0.00065	-0.07295	-0.08231	-0.02071	0.058629	0.085683	-0.07306
0.01804	0.08096	0.075664	0.006685	-0.06785	-0.08515	-0.03062	0.049927	0.073011
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-0.08373	0.071851	-0.01493	-0.04338	-0.08949	0.079929	0.045095	-0.03325	-0.06886
0.089899	-0.07208	0.0193	0.044591	0.081933	-0.07203	-0.02688	0.047831	0.085427
-0.09166	0.066477	-0.01638	-0.05564	-0.08333	0.079668	0.020182	-0.03062	-0.08532
0.084453	-0.06538	0.002069	0.057436	0.094121	-0.0694	-0.02036	0.055791	0.080334
-0.08964	0.065764	-0.00528	-0.05718	-0.0861	0.058135	0.002207	-0.07321	-0.09269
0.092378	-0.06003	0.003954	0.067414	0.084258	-0.06419	0.006756	0.053313	0.090659
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0.088859	-0.05861	-0.00886	0.067798	0.08596	-0.04015	0.02284	0.091611	0.087858
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0.084728	-0.05014	-0.02343	0.079285	0.089846	-0.03558	0.031082	0.081244	0.068637
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0.092065	-0.04506	-0.02094	0.083804	0.073506	-0.02233	0.05718	0.076554	0.066249
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0.085836	-0.04215	-0.03625	0.08174	0.073105	0.003168	0.065248	0.100848	0.04567
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0.083402	-0.03251	-0.0468	0.090484	0.068535	0.007168	0.07057	0.071456	0.018399
-0.08363	0.033053	0.048891	-0.08459	-0.06107	-0.02564	-0.07879	-0.09079	-0.0138
0.089388	-0.02793	-0.04408	0.088932	0.047937	0.024818	0.089192	0.06436	0.008914
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0.081003	-0.02352	-0.06044	0.084535	0.046055	0.046659	0.085392	0.072069	-0.01994
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0.08043	-0.01336	-0.066	0.089553	0.034246	0.047401	0.084833	0.029041	-0.04382
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0.084387	-0.00943	-0.06343	0.082069	0.012478	0.06526	0.092082	0.023277	-0.05075
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0.074563	-0.00365	-0.07927	0.075819	0.010261	0.078886	0.075917	0.01729	-0.07558
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0.075785	0.006334	-0.07936	0.076637	-0.00648	0.074394	0.069348	-0.02929	-0.08487
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0.077187	0.009565	-0.07729	0.064104	-0.02595	0.088769	0.064925	-0.02773	-0.08124
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0.066736	0.016461	-0.09106	0.056791	-0.02715	0.091251	0.039637	-0.04105	-0.09301
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0.057746	0.035808	-0.09477	0.030052	-0.05877	0.080258	-0.01138	-0.07946	-0.06382
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0.061507	0.043535	-0.08461	0.023234	-0.07639	0.065434	-0.01971	-0.10097	-0.0369
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0.047813	0.053405	-0.09006	-0.00075	-0.07838	0.048456	-0.05988	-0.08322	-0.00372
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0.044794	0.060596	-0.07664	-0.02706	-0.08905	0.028961	-0.07575	-0.04505	0.0458
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0.037143	0.068354	-0.07735	-0.03143	-0.08217	0.003813	-0.08931	-0.05237	0.055714
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0.041049	0.071962	-0.06096	-0.04192	-0.09059	-0.01061	-0.08201	-0.03464	0.081285
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0.025927	0.079894	-0.05777	-0.0578	-0.06946	-0.04233	-0.08947	-0.00152	0.083617
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0.028877	0.081127	-0.04055	-0.06809	-0.07172	-0.05076	-0.07281	0.027199	0.093443

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0.002548	0.090584	-0.0054	-0.08436	-0.0077	-0.09456	-0.01055	0.070672	0.012739
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0.08887	0.082577	0.048551	-0.01236	0.058481	0.08476	-0.06916	0.020573	0.034166
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0.085278	0.081405	0.051856	-0.00777	0.054325	0.092323	-0.08427	0.057151	0.002989
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0.078869	0.085853	0.068814	0.024584	0.020888	0.069871	-0.08963	0.091963	-0.06
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0.074226	0.09	0.071229	0.04147	0.008835	0.046362	-0.08253	0.070426	-0.07056
-0.07501	-0.08655	-0.0751	-0.03973	-0.00225	-0.05158	0.080797	-0.09655	0.082045
0.079562	0.08879	0.085673	0.047897	-0.01395	0.040742	-0.06565	0.093328	-0.07557
-0.07129	-0.09009	-0.07814	-0.05579	0.011752	-0.02608	0.067213	-0.07039	0.084026
0.070756	0.0862	0.079745	0.053507	-0.01642	0.030063	-0.06516	0.091406	-0.09357
-0.07589	-0.08761	-0.09059	-0.06012	0.033068	-0.02038	0.047784	-0.08976	0.083494
0.06801	0.089058	0.083339	0.068246	-0.03171	0.003815	-0.04609	0.061511	-0.08602
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0.07171	0.085355	0.093488	0.070294	-0.05069	-0.00124	-0.02543	0.077131	-0.07962
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0.061221	0.082417	0.083716	0.075115	-0.05017	-0.01691	-0.01958	0.054441	-0.08061
-0.06705	-0.08206	-0.0943	-0.07806	0.065928	0.022653	0.000567	-0.05697	0.064559
0.060443	0.083653	0.088158	0.085918	-0.06594	-0.04072	0.006101	0.022027	-0.05565
-0.05601	-0.07902	-0.08296	-0.08222	0.063546	0.039324	-0.00634	-0.02623	0.057934
0.06193	0.077757	0.093002	0.083165	-0.07803	-0.0424	0.024588	0.031599	-0.04047
-0.05617	-0.07935	-0.08767	-0.09054	0.078581	0.060035	-0.03274	0.004158	0.027185
0.050562	0.07467	0.080398	0.086517	-0.07366	-0.05907	0.031351	-0.00486	-0.02807
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0.05159	0.074042	0.085235	0.092107	-0.08738	-0.0756	0.056697	-0.03083	0.005483
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0.050471	0.0664	0.084266	0.084742	-0.09055	-0.07173	0.066966	-0.02309	0.020524
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0.039081	0.063309	0.070098	0.086207	-0.08224	-0.08572	0.070182	-0.06308	0.03675
-0.04421	-0.05949	-0.07702	-0.08116	0.09031	0.079328	-0.08038	0.046363	-0.04891
0.041544	0.060697	0.0748	0.08597	-0.09199	-0.09159	0.08884	-0.07369	0.066007
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0.037647	0.051868	0.068069	0.074785	-0.08566	-0.08141	0.086791	-0.06341	0.070467
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0.027065	0.048859	0.053726	0.074263	-0.07423	-0.09026	0.08377	-0.09712	0.080436
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0.030427	0.044283	0.057745	0.06832	-0.07904	-0.08428	0.091864	-0.08705	0.09456
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0.023825	0.03489	0.045851	0.054621	-0.06413	-0.06882	0.076803	-0.07251	0.082294
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0.014797	0.031993	0.032738	0.052332	-0.05128	-0.07178	0.06776	-0.09377	0.0809
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0.018374	0.02564	0.035519	0.041539	-0.05114	-0.05535	0.064899	-0.06377	0.076195
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0.009408	0.016222	0.019552	0.026812	-0.02989	-0.03707	0.039775	-0.04684	0.048798
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0.00281	0.013882	0.009527	0.02403	-0.01878	-0.03622	0.02908	-0.0562	0.040155
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0.003848	0.004398	0.007107	0.007159	-0.00997	-0.00954	0.012615	-0.01047	0.015058
0.002	-0.00303	0.001526	-0.00567	0.000591	0.009712	-0.00347	0.019022	-0.00698
0.002135	0.00056	0.003184	0.000651	-0.00351	-0.0001	0.003494	0.002887	0.003178
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0.121143	0.053799	0.024942	-0.00431	-0.04331	-0.02091	-0.12159	0.058682	0.037326
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0.027417	-0.01583	0.032709	-0.03244	-0.03837	-0.03893	-0.02858	-0.02734	0.044024
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0.004165	-0.06459	0.065746	-0.07399	-0.07028	-0.08025	-0.01849	-0.08181	0.084193
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0.121104	-0.0068	0.081372	-0.06746	-0.09719	-0.08279	-0.11704	-0.01501	0.092984
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0.007114	-0.08107	0.078111	-0.08543	-0.07206	-0.0811	0.009153	-0.0974	0.06906
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0.01371	-0.09517	0.094177	-0.09818	-0.08432	-0.08834	-0.0062	-0.08879	0.070807
0.015011	0.100811	-0.07773	0.084949	0.056508	0.064733	-0.04845	0.098018	-0.03527
0.09855	-0.03319	0.081911	-0.06437	-0.07098	-0.05143	-0.05601	-0.007	0.029406
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0.006489	-0.07372	0.056802	-0.04535	-0.02029	-0.00735	0.02283	-0.001	-0.02897
0.06639	0.098693	-0.03146	0.031647	-0.02013	-0.0182	-0.11493	0.037048	0.063709
0.04917	-0.01636	0.022459	0.003214	0.017576	0.042969	0.012809	0.061491	-0.0752
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0.108176	0.051239	0.041474	-0.04392	-0.08909	-0.08094	-0.1116	-0.02066	0.083115
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0.119414	-0.00752	0.085722	-0.07376	-0.08065	-0.04967	-0.04093	0.002238	-0.01014
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0.04548	-0.0786	0.090786	-0.07238	-0.04007	-0.00585	0.013785	0.030131	-0.05673
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0.092361	-0.03934	0.066777	-0.03052	0.001102	0.044128	0.027316	0.069092	-0.09394
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0.053111	0.102072	0.006104	-0.05085	-0.08894	-0.04699	-0.00491	0.0207	-0.07878
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0.049379	0.023554	0.076075	-0.05314	0.045315	0.095717	0.05768	0.009749	0.04563
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0.107634	-0.01802	-0.03783	0.099451	-0.00374	-0.07575	-0.03529	-0.02111	-0.081
0.003754	0.077434	0.042582	-0.07374	0.028723	0.094346	0.061231	-0.01682	0.070236
-0.01652	-0.07236	-0.06714	0.06813	-0.01681	-0.09162	0.063868	-0.05355	-0.08057
-0.09065	-0.00529	0.069782	-0.08098	0.043326	0.072878	-0.01144	-0.00995	0.100067
-0.00883	-0.04341	-0.06826	0.051931	-0.07048	-0.08097	-0.03795	0.066648	-0.08009
0.045117	0.050355	0.088038	-0.03638	0.054946	0.073616	-0.08622	0.005501	0.074174
0.068329	0.03356	-0.08836	0.046637	-0.07147	-0.04547	0.054137	0.038215	-0.08499
0.015097	0.00394	0.079493	-0.01728	0.096956	0.044384	0.019061	-0.10647	0.057323

-0.07292	-0.024	-0.09285	-0.00543	-0.07619	-0.03511	0.095536	0.032266	-0.03713
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0.096762	-0.00153	0.080434	0.048112	0.075509	-0.01192	-0.08594	-0.04886	-0.01713
0.01956	0.084638	-0.07526	-0.03694	-0.06642	0.044722	0.093005	0.03883	0.014085
0.021642	-0.06905	0.052915	0.055798	0.082899	-0.05277	0.019855	-0.11262	-0.03893
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0.001177	-0.09772	0.046564	0.067573	0.033275	-0.07991	-0.0841	-0.00471	-0.06097
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0.122019	-0.03187	0.015562	0.100048	0.017084	-0.07564	-0.0144	-0.01549	-0.09755
-0.01661	0.097989	-0.00987	-0.08111	0.011143	0.092753	0.062302	-0.04258	0.081903
0.008042	-0.10276	-0.01748	0.078617	0.000213	-0.09318	0.063358	-0.02831	-0.07876
-0.12032	0.031071	0.024836	-0.09768	0.024068	0.072893	-0.03239	-0.0162	0.093497
0.025726	-0.08445	-0.02756	0.074904	-0.05565	-0.07892	-0.03694	0.088395	-0.06969
0.007816	0.099126	0.052926	-0.06124	0.042931	0.074662	-0.0817	-0.01827	0.051202
0.108884	-0.01921	-0.06065	0.075582	-0.05834	-0.04566	0.072318	0.039226	-0.05773
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0.026259	-0.02304	-0.07662	0.015006	-0.10234	0.007376	-0.01134	0.121307	0.021349
0.051784	0.057901	0.090498	0.014007	0.081748	-0.01173	-0.07075	-0.05537	-0.05338
0.063008	0.026865	-0.09393	-0.0049	-0.07213	0.043887	0.100513	0.021315	0.048692
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0.014021	0.055193	-0.06427	-0.0566	-0.06161	0.087119	-0.0387	0.052494	0.079577
0.095182	2.22E-05	0.06311	0.086441	0.037102	-0.07587	0.006757	-0.00881	-0.09842
0.00472	0.072141	-0.06139	-0.07423	-0.00658	0.090994	0.060641	-0.06583	0.078884
-0.00887	-0.08703	0.036245	0.074993	0.017569	-0.09452	0.060278	-0.00151	-0.06263
-0.10943	0.022531	-0.02904	-0.10052	0.003616	0.073254	-0.05246	-0.02125	0.07192
0.021306	-0.08255	0.026708	0.085046	-0.03864	-0.07677	-0.03341	0.104563	-0.04697
0.007254	0.107752	-0.00018	-0.0745	0.028641	0.075438	-0.07462	-0.04051	0.018477
0.115543	-0.03549	-0.01096	0.094171	-0.04233	-0.04618	0.088588	0.037388	-0.02156
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0.055197	-0.06537	-0.04683	0.049603	-0.09889	0.009739	-0.00844	0.111178	0.050243
0.019221	0.107329	0.067189	-0.02036	0.084063	-0.01188	-0.05398	-0.05801	-0.08155
0.099269	-0.02731	-0.079	0.029463	-0.07419	0.042814	0.10497	0.00201	0.074168
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0.060014	-0.00327	-0.08095	-0.02638	-0.07471	0.08878	-0.03571	0.024725	0.070898
0.049334	0.058508	0.086496	0.060849	0.055443	-0.07645	0.027448	-0.00161	-0.08342
0.049681	0.014662	-0.09243	-0.05442	-0.0236	0.089129	0.056119	-0.08505	0.062013
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0.04422	0.07162	-0.05119	-0.07387	0.012787	0.075904	-0.06547	-0.0598	-0.01852
0.082635	-0.00582	0.041591	0.099275	-0.02414	-0.04698	0.102333	0.032734	0.01746
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0.043217	-0.06535	0.003965	0.076575	-0.09125	0.011978	-0.00355	0.093889	0.069884
0.026187	0.117377	0.019207	-0.04931	0.082405	-0.01238	-0.03628	-0.05671	-0.0968
0.098035	-0.04593	-0.03628	0.06037	-0.07246	0.041556	0.106068	-0.01783	0.086396
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0.082444	-0.04708	-0.06406	0.009413	-0.08466	0.090185	-0.03084	-0.00445	0.048997
0.022409	0.108458	0.076617	0.027425	0.071315	-0.07736	0.046948	0.005489	-0.05501
0.080661	-0.0407	-0.09123	-0.02513	-0.0391	0.087222	0.048736	-0.09892	0.034532
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0.088454	0.012968	-0.08082	-0.05932	-0.00384	0.076033	-0.05476	-0.07494	-0.05347
0.037218	0.051664	0.076799	0.089953	-0.00457	-0.04804	0.113026	0.025503	0.052834
0.031191	-0.00059	-0.08368	-0.08722	0.044825	0.035134	0.000321	-0.10627	-0.05976
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0.000699	-0.02217	0.056365	0.091722	-0.07976	0.014032	0.003032	0.070559	0.076616
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0.060013	-0.01842	0.017808	0.082599	-0.06699	0.040173	0.103627	-0.0369	0.083584
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0.06318	-0.04919	-0.02014	0.0451	-0.09096	0.091293	-0.02452	-0.03314	0.017516
0.036682	0.119841	0.037046	-0.00842	0.084037	-0.07858	0.064587	0.011934	-0.0179
0.071613	-0.06148	-0.0583	0.008657	-0.05237	0.08534	0.038628	-0.1065	0.001511
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0.103683	-0.03247	-0.07792	-0.03314	-0.02043	0.075809	-0.04308	-0.085	-0.08035
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0.056069	-0.05687	-0.09626	-0.07196	0.025747	0.033098	-0.00918	-0.08781	-0.07379
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0.108272	0.023358	-0.07587	-0.07359	0.067885	-0.01443	-0.0009	-0.04331	-0.08034
0.016339	0.038108	0.062535	0.092332	-0.05801	0.038728	0.097607	-0.05389	0.066545
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0.039521	-0.07957	-0.07532	-0.04562	0.005849	0.03129	-0.01992	-0.06362	-0.07402
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0.002823	0.089077	0.080745	0.087783	-0.04593	0.037286	0.088113	-0.06765	0.038537
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0.007045	-0.0579	-0.07032	-0.08723	0.068495	-0.07076	-0.04999	0.095564	0.013712
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0.030331	0.103249	0.065398	0.069492	-0.03128	0.035912	0.075401	-0.0772	0.004669
0.005669	-0.0972	-0.0862	-0.08637	0.064505	-0.06389	-0.01485	0.068606	0.034515
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0.114034	0.020437	-0.05284	-0.03765	0.07174	-0.05584	0.119061	-0.01551	0.072636
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0.092451	-0.07169	0.049129	0.093708	0.101358	0.082492	0.039833	-0.09926	-0.10607
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0.077165	-0.10871	-0.05013	0.086411	0.065555	0.094435	-0.05138	-0.07534	-0.05341
-0.10046	0.068589	-0.06213	-0.09005	-0.09522	-0.06427	-0.05158	0.077385	0.081121
0.077591	-0.02759	0.092258	0.055481	0.068654	0.011122	0.100234	-0.03321	-0.05082
-0.05726	0.07029	0.029823	-0.04755	-0.02665	-0.03524	0.027782	0.013839	-0.00624
0.070181	-0.03393	0.052989	0.044461	0.042167	0.010394	0.036125	-0.01115	-0.00682
-0.04248	-0.02558	-0.10818	-0.00218	-0.01619	0.054867	-0.11018	-0.03451	-0.0149
0.008321	-0.00965	-0.02551	-0.01725	-0.03795	-0.03687	-0.025	0.060691	0.077188
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0.049575	-0.04705	0.036601	0.075797	0.091744	0.080895	0.037991	-0.09997	-0.10698
-0.04317	0.048545	-0.02672	-0.06573	-0.07801	-0.05751	-0.06059	0.073323	0.084653
0.056874	-0.11119	-0.06992	0.087389	0.066883	0.100656	-0.05265	-0.07519	-0.0468
-0.09188	0.076357	-0.05154	-0.09884	-0.10315	-0.0739	-0.04688	0.078957	0.071557
0.079496	-0.05146	0.07427	0.072751	0.081251	0.023074	0.101994	-0.03554	-0.04385
-0.07576	0.103314	0.040471	-0.07381	-0.04487	-0.04872	0.02606	0.014992	-0.0168
0.100406	-0.0679	0.055373	0.075348	0.064269	0.024646	0.03279	-0.01298	0.006079
-0.08005	0.018794	-0.10507	-0.03661	-0.03921	0.040999	-0.11196	-0.03201	-0.02264
0.057906	-0.05891	-0.02337	0.020846	-0.01371	-0.02444	-0.02144	0.059678	0.084465
-0.07111	0.02912	-0.0378	-0.01829	0.004459	0.032131	0.008365	-0.05278	-0.07261
0.045968	0.035712	0.109587	-0.02276	-0.02091	-0.09511	0.089888	0.08094	0.061125
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0.015889	0.018447	-0.00104	-0.04224	-0.0659	-0.05766	-0.06197	0.074099	0.083624
0.006737	-0.08727	-0.08982	0.073019	0.061802	0.104594	-0.05297	-0.07526	-0.03981
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0.042523	-0.04946	0.050076	0.074756	0.087499	0.033501	0.10338	-0.03778	-0.03608
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0.090445	-0.08068	0.049131	0.094842	0.08242	0.038621	0.02945	-0.01481	0.018787
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0.074673	-0.09628	-0.03014	0.05424	0.009885	-0.01102	-0.01781	0.058624	0.090559
-0.10015	0.066122	-0.04565	-0.05415	-0.02047	0.020362	0.010394	-0.05185	-0.07956
0.082369	-0.00987	0.112839	0.013618	0.001836	-0.08594	0.091271	0.079398	0.061323
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0.071914	-0.02388	0.01986	-0.00879	-0.04826	-0.05539	-0.06322	0.074864	0.081312
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0.012122	0.016521	-0.02332	-0.06966	-0.09866	-0.08677	-0.03786	0.081752	0.049523
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0.045206	-0.06677	0.036913	0.09932	0.095181	0.051895	0.026083	-0.01659	0.031155
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0.051412	-0.11037	-0.04499	0.07705	0.030951	0.002985	-0.01411	0.057518	0.095364
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0.080929	-0.04169	0.106142	0.046294	0.025516	-0.07504	0.092475	0.077817	0.060425
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0.099701	-0.06341	0.03286	0.028584	-0.02644	-0.05077	-0.06435	0.075618	0.077767
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0.059377	-0.03373	-0.01382	-0.03684	-0.08664	-0.08981	-0.03327	0.083045	0.037363
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0.052787	0.054004	0.098501	-0.06486	-0.06438	-0.08231	0.020804	0.018496	-0.04723
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0.041293	-0.0496	0.090253	0.069186	0.04819	-0.06275	0.093498	0.076202	0.05844
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0.087007	-0.08599	0.036538	0.063129	-0.00211	-0.04393	-0.06536	0.076358	0.073059
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0.072643	-0.07811	-0.01187	0.00102	-0.06926	-0.09043	-0.02864	0.084269	0.024677
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0.086795	0.007842	0.113023	-0.03505	-0.05753	-0.09008	0.018891	0.019683	-0.05638
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0.073088	-0.01229	-0.02132	-0.05562	-0.09201	-0.0139	-0.11725	-0.02173	-0.04777
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0.016378	0.042015	-0.02173	-0.09843	-0.08293	-0.02061	0.016211	-0.04906	-0.09264
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0.003914	0.100122	0.050106	-0.0792	-0.01561	0.04216	0.014116	-0.09999	-0.08274
0.040204	-0.08295	0.031487	0.08858	0.022836	-0.03506	-0.06623	0.077084	0.067276
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0.046153	-0.10311	-0.01888	0.037181	-0.04793	-0.08864	-0.02397	0.085421	0.011648
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0.08218	-0.03018	0.119122	0.000701	-0.04451	-0.09572	0.016904	0.02088	-0.06478
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0.098287	-0.0553	-0.00026	-0.02571	-0.08979	-0.02549	-0.11805	-0.01911	-0.05208
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0.061155	-0.00646	-0.00823	-0.08296	-0.09427	-0.03484	0.018042	-0.04814	-0.09422
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0.059265	0.068837	0.072314	-0.08305	-0.03564	0.02945	0.009201	-0.09977	-0.07384
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0.08286	-0.08651	0.013352	0.010991	-0.08086	-0.0355	-0.11864	-0.01648	-0.05544
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0.083151	-0.01759	0.111174	-0.04594	-0.06075	0.001762	-0.0007	-0.09908	-0.05289
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0.070798	0.08536	0.00171	-0.02786	0.092073	0.04319	-0.06859	0.081047	0.01665
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0.097468	0.051784	0.020995	-0.05741	0.081883	0.05684	-0.06848	0.081627	0.006884
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0.022639	0.086782	-0.02992	0.061649	0.049144	-0.05038	-0.11769	-0.00061	-0.05358
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0.032278	-0.04928	0.026163	-0.09813	0.020513	0.047515	0.09453	0.060448	0.001685
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0.090493	-0.01329	-0.10254	-0.06475	0.058301	-0.00659	0.013633	0.092035	-0.0823
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0.068381	0.071711	0.007909	-0.03934	0.10161	-0.05848	-0.00107	0.030903	-0.09139
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0.075682	0.086346	-0.02847	0.026736	0.067509	-0.04464	-0.11679	0.002021	-0.04966
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0.025176	0.049313	-0.10633	0.046005	0.014917	-0.10481	0.030108	-0.04083	-0.05917
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0.035548	-0.0302	0.070418	-0.07647	0.045864	0.081075	-0.06783	0.082701	-0.01239
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0.066838	-0.05916	-0.08312	-0.08239	0.046366	0.007537	0.018231	0.092535	-0.09017
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0.099853	0.060931	-0.0177	-0.0107	0.080509	-0.03678	-0.11568	0.004647	-0.04483
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0.028429	-0.02433	0.028505	-0.09298	0.094292	-0.03184	-0.00595	0.033544	-0.0846
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0.052297	-0.00958	0.026117	0.08467	-0.0821	0.052813	0.080142	0.018894	0.007554
-0.03582	-0.0017	-0.02371	-0.07921	0.014457	-0.11864	-0.02206	0.011469	0.115396
-0.04266	0.101579	0.062876	0.062398	-0.07218	0.000819	-0.00792	-0.0735	-0.05507
0.030687	0.016798	-0.09396	-0.09941	0.049335	-0.01751	0.005428	0.069989	-0.0281
-0.02704	-0.0557	0.07283	0.080138	0.049779	0.096702	-0.05744	-0.06609	-0.07131
0.098299	-0.05679	-0.08001	-0.02707	-0.01571	0.020721	0.091061	0.101863	0.040617
-0.08663	-0.03092	0.093154	0.036014	0.00902	-0.05673	-0.0666	-0.07767	0.083398
0.049014	0.105645	-0.04981	-0.01462	-0.10581	-0.03774	0.080832	0.029464	-0.00923
-0.09499	0.016808	0.024815	-0.05258	0.07926	-0.04724	-0.09509	-0.03367	-0.01259
0.07872	0.021669	-0.02558	0.052729	-0.0259	0.11422	0.042348	0.003833	-0.11327
-0.01005	-0.1171	-0.02227	-0.0512	0.094344	-0.00193	-0.01649	0.060487	0.059175
0.030203	-0.00578	0.059398	0.102002	-0.07169	0.030026	0.018662	-0.06125	0.024771
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-0.05952	0.085812	0.077629	0.052563	-0.01678	-0.00656	-0.07527	-0.10328	-0.04965
0.051481	0.018642	-0.1036	-0.07227	0.014271	0.035976	0.058384	0.085035	-0.0762
-0.03735	-0.07986	0.073235	0.051604	0.088324	0.055705	-0.08209	-0.04089	0.005608
0.102838	-0.03733	-0.06452	0.013766	-0.06488	0.03698	0.104067	0.047738	0.018351
-0.09287	-0.027	0.071762	-0.01444	0.026104	-0.10396	-0.05828	-0.01942	0.110142
0.044318	0.116719	-0.0246	0.024372	-0.10616	-0.00286	0.038667	-0.04622	-0.06233
-0.08164	0.005518	-0.00999	-0.08623	0.086255	-0.03698	-0.04292	0.050478	-0.02217
0.06852	0.004997	0.008507	0.084597	-0.00305	0.119798	-0.01397	-0.05518	-0.07856
0.006419	-0.10946	-0.04923	-0.06162	0.048823	-0.00481	0.054823	0.101958	0.058376
0.006826	-0.00485	0.085597	0.095278	-0.04093	-0.016	-0.04405	-0.08987	0.068814
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0.069499	0.01956	-0.09997	-0.02784	-0.01521	0.088813	0.06853	0.034807	-0.10604
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0.102649	-0.01922	-0.03871	0.055833	-0.09021	0.037972	0.065408	-0.03801	0.020368
-0.09445	-0.01875	0.041801	-0.06006	0.019602	-0.12328	-0.00974	0.046096	0.081146
0.036053	0.12001	0.004803	0.052338	-0.07589	0.01182	-0.03132	-0.09794	-0.06668
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0.055318	-0.01549	0.039627	0.09418	0.035434	0.092846	-0.06458	-0.0575	-0.00277
0.023668	-0.09519	-0.06899	-0.05006	-0.00992	0.008713	0.101716	0.071933	0.031734
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0.01112	0.070967	-0.07655	-0.04966	-0.09482	-0.02829	0.069728	-0.01575	-0.06575
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0.083923	0.018158	-0.08367	0.022844	-0.02566	0.120592	0.032204	-0.03495	-0.08293
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0.097624	-0.00397	-0.00606	0.087124	-0.08612	0.014347	-0.00193	-0.09146	0.054026
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0.024667	0.115343	0.033752	0.061035	-0.02308	0.005484	-0.09055	-0.08128	-0.03916
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0.039952	-0.03834	0.063424	0.080071	0.074214	0.046564	-0.0762	0.000501	0.066031
0.040715	-0.07589	-0.0783	-0.0196	-0.06356	0.023653	0.098176	-0.00967	0.019286
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0.024684	0.092184	-0.07121	-0.00898	-0.10135	0.009089	0.01734	-0.08238	-0.08155
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0.09413	0.013329	-0.05705	0.06714	-0.01198	0.11895	-0.02614	-0.06416	-0.01186
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0.087903	0.007471	0.028954	0.098304	-0.05783	-0.0304	-0.05928	-0.07509	0.08852
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0.010798	0.103303	0.057661	0.047819	0.036084	-0.01063	-0.10584	-0.00528	-0.02004
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0.02336	-0.06163	0.076669	0.047233	0.096695	0.000943	-0.03866	0.071321	0.087916
0.056566	-0.05354	-0.07546	0.021205	-0.0958	0.023726	0.046714	-0.08235	0.040053
-0.05992	-0.00751	0.09306	-0.03118	0.023591	-0.12419	0.002804	0.063449	0.016359
0.035797	0.108394	-0.05471	0.029711	-0.07756	0.024668	-0.05257	-0.09293	-0.05489
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0.099716	0.00443	-0.02391	0.094158	0.020563	0.085356	-0.0687	-0.02763	0.063924
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0.07387	0.014761	0.061416	0.085326	-0.01908	-0.08078	-0.07496	-0.00712	0.082813
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0.001909	-0.0058	-0.10412	-0.01095	-0.02409	0.123279	0.020772	-0.06004	-0.02066
0.006529	-0.08323	0.077722	0.005573	0.091503	-0.02686	0.02877	0.094854	0.06295
0.070269	-0.03029	-0.06055	0.060643	-0.0983	0.000365	-0.02316	-0.09299	0.073354
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0.043817	0.117963	-0.02981	0.055287	-0.02879	0.01839	-0.1007	-0.03432	-0.02411
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0.10052	-0.00859	0.011064	0.097683	0.058342	0.034312	-0.06703	0.044338	0.098077
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0.056133	0.018183	0.08674	0.050604	0.013386	-0.11634	-0.04265	0.054032	0.024636
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0.025416	-0.00446	-0.09959	0.039356	-0.01999	0.114342	-0.03708	-0.04971	0.058679
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0.080975	-0.00822	-0.03546	0.087096	-0.07345	-0.04212	-0.07223	-0.03789	0.077874
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0.048293	0.119856	-0.00051	0.060518	0.030471	0.002076	-0.09943	0.051606	-0.02263
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0.096628	-0.02516	0.042996	0.077804	0.084654	-0.01363	-0.01917	0.090536	0.078819
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0.035496	0.018571	0.101309	0.002418	0.026305	-0.12131	0.015227	0.057594	-0.05509
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0.047774	-0.00414	-0.08238	0.080228	0.005585	0.074485	-0.06985	0.013741	0.104431
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0.048987	0.113761	0.028571	0.044085	0.081789	-0.00736	-0.04901	0.100986	-0.04759
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0.088368	-0.0441	0.067496	0.04083	0.086279	-0.04158	0.048787	0.068903	0.035959
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0.012917	0.017165	0.103002	-0.04728	0.015065	-0.09228	0.061155	0.001731	-0.1061
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0.090761	0.025865	0.030482	0.073622	0.005476	-0.11696	-0.03174	0.065799	-0.04652
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0.045892	0.100132	0.052822	0.010933	0.109443	0.002726	0.02254	0.078635	-0.0633
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0.082717	0.04125	0.086406	-0.01438	0.025745	-0.0795	0.064474	-0.03862	-0.11116
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0.032479	0.004733	-0.03345	0.084493	-0.00316	-0.11386	-0.0191	0.053838	-0.10284
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0.057327	0.040333	0.100906	-0.09599	-0.03052	0.033352	0.004618	-0.0565	-0.01021
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0.039304	0.036685	0.088629	-0.1078	-0.05684	0.070756	-0.05907	0.020462	0.014712
-0.06157	0.098777	-0.06509	0.061758	0.110832	0.016529	0.064999	-0.01527	0.014522
-0.01191	-0.02383	0.018365	-0.05421	-0.03649	0.080543	-0.05999	0.057099	0.08411
0.041364	-0.02449	-0.01698	0.065621	0.056804	-0.06832	0.100314	-0.09941	0.005229
-0.01163	-0.10693	-0.00729	-0.00478	-0.10853	-0.05734	-0.08986	0.07288	-0.0862
0.068412	0.056708	0.061127	-0.03022	0.018979	-0.00509	0.044585	-0.0704	-0.01531
-0.10336	0.039664	-0.06338	0.017688	0.010065	0.031354	-0.04992	0.087884	-0.02206
0.053529	0.071258	0.065087	-0.06445	0.041622	0.09969	0.02902	-0.03703	0.123234
-0.07483	-0.05276	-0.10081	0.099955	0.036534	-0.06384	0.036397	-0.00538	-0.01982
0.102772	-0.07646	0.087889	-0.06645	-0.09213	-0.01313	-0.04575	0.000904	-0.01131
-0.03396	-0.00866	-0.05602	0.075513	0.026354	-0.09212	0.048205	-0.04492	-0.0897
0.018764	0.03291	0.064799	-0.09482	-0.06246	0.079183	-0.09691	0.091978	0.004255
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-0.02674	-0.045	-0.01373	-0.01143	-0.03596	0.026572	-0.05741	0.073566	0.018828
0.062536	-0.02828	0.01921	0.021518	0.019074	-0.04655	0.069734	-0.09645	0.01661
-0.02784	-0.09545	-0.03534	0.03395	-0.07154	-0.08743	-0.05183	0.049993	-0.12261
0.074304	0.063167	0.084611	-0.07481	-0.01149	0.051268	-0.01235	-0.00932	0.024069
-0.11081	0.052394	-0.08332	0.052801	0.065183	0.015586	0.022865	0.014075	0.008746
0.055648	0.045343	0.070296	-0.07893	-0.00604	0.097917	-0.03099	0.031209	0.094773
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0.092184	-0.08869	0.077033	-0.06237	-0.11941	-0.0275	-0.09146	0.066445	-0.07466

-0.02219	0.018717	-0.03286	0.047574	0.043187	-0.04694	0.063937	-0.07403	-0.02287
-0.00333	0.030397	0.032608	-0.06092	-0.0411	0.062632	-0.0846	0.102633	-0.01037
-0.02343	0.104057	-0.00999	0.003111	0.097402	0.072039	0.071672	-0.06121	0.12096
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0.081149	-0.03511	0.052088	-0.02348	-0.03393	-0.02354	0.001868	-0.02919	-0.00691
-0.04146	-0.07704	-0.05677	0.064222	-0.02154	-0.09761	0.009737	-0.01639	-0.09924
0.076207	0.06436	0.097453	-0.10319	-0.04072	0.085739	-0.07118	0.070678	0.022839
-0.11331	0.065644	-0.09124	0.069125	0.107273	0.018456	0.082108	-0.0594	0.068518
0.05386	0.016758	0.063455	-0.07074	-0.03906	0.064243	-0.06364	0.071738	0.027291
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0.07773	-0.09643	0.055727	-0.03821	-0.11514	-0.0552	-0.08695	0.070421	-0.11816
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0.096312	-0.04651	0.076489	-0.05618	-0.0856	-0.01714	-0.06598	0.048757	-0.06387
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0.072808	0.068139	0.098973	-0.11133	-0.05072	0.096942	-0.09651	0.110087	0.010298
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0.053989	-0.03115	0.044531	-0.03506	-0.05779	-0.01105	-0.04943	0.04216	-0.04987
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0.038998	-0.05655	0.020021	-0.00514	-0.05002	-0.04335	-0.02583	0.012931	-0.06042
0.00463	-0.03035	-0.00628	0.013809	-0.01112	-0.02992	0.004685	-0.01176	-0.02344
0.017348	-0.02377	0.009609	-0.00333	-0.02264	-0.01841	-0.01257	0.007013	-0.02764

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0.073332	-0.04937	-0.04798	0.064069	0.074327	-0.00058	0.083428	-0.04651	-0.0642
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0.099939	-0.07847	-0.04338	0.090729	0.093843	0.024548	0.083396	-0.06883	-0.03703
-0.08908	0.007996	0.104209	-0.03204	-0.05122	0.071381	-0.09166	-0.01625	0.1143
0.001178	-0.01804	0.019082	0.001883	-0.01206	0.002841	-0.023	0.022152	0.010483
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0.027468	0.080236	-0.10485	-0.05813	-0.03696	-0.12272	0.021827	0.096946	-0.08685
0.075853	-0.07659	-0.02472	0.09371	0.101756	0.048132	0.087488	-0.09781	-0.02577
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0.027919	-0.09785	0.053465	0.076479	0.054392	0.073553	0.012427	-0.05671	0.022321
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0.093715	-0.0072	-0.11142	0.025474	0.039539	-0.09017	0.081406	0.045255	-0.11619
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0.030994	-0.00273	-0.00846	-0.00997	-0.02737	-0.01188	-0.04557	0.040712	0.047248
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0.068186	-0.05029	-0.06467	0.069371	0.084954	-0.02923	0.11027	-0.02257	-0.1148
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0.098278	-0.08297	-0.03055	0.079698	0.062677	0.01658	0.030631	-0.01638	0.007569
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0.0406	0.077202	-0.09805	-0.06514	-0.05209	-0.10556	-0.0088	0.080277	-0.02383
0.063322	-0.08313	-0.0126	0.103793	0.106504	0.059006	0.074686	-0.0844	-0.00642
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0.023888	-0.09223	0.036706	0.062379	0.031102	0.018349	0.001739	0.023804	-0.01904
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0.102362	-0.00816	-0.11933	0.01326	0.012716	-0.10935	0.042778	0.081575	-0.06795
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0.033991	-0.00487	0.015685	-0.02986	-0.06633	0.002776	-0.1031	0.04828	0.10746
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0.066948	-0.05	-0.08543	0.071863	0.081939	-0.06227	0.102829	0.025968	-0.10607
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0.092502	-0.087	-0.01316	0.063057	0.018536	0.009312	-0.04028	0.036857	0.070712
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0.017701	-0.00394	-0.00943	-0.04567	-0.07825	-0.07762	-0.06115	0.108527	-0.0126
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0.05272	0.073347	-0.08399	-0.0691	-0.05687	-0.06225	-0.02605	0.016435	0.036452
0.049839	-0.0892	0.000488	0.107852	0.091917	0.054267	0.030161	-0.02804	0.034237
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0.019456	-0.0861	0.01603	0.045487	0.000948	-0.03968	-0.01733	0.093245	-0.03447
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0.109321	-0.01025	-0.11944	0.000565	-0.01587	-0.10215	-0.0045	0.071673	0.012794
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0.085192	-0.09012	0.003691	0.042458	-0.02886	0.004326	-0.0995	0.058888	0.104458
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0.014758	-0.07966	-0.00725	0.026862	-0.03028	-0.0863	-0.03188	0.113786	-0.03375
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0.038263	-0.00573	0.055008	-0.06595	-0.10195	0.04111	-0.09845	-0.02678	0.03817
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0.039491	-0.00434	0.067589	-0.07996	-0.09254	0.052937	-0.04013	-0.05499	-0.05406
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0.041762	0.015684	-0.05587	-0.09148	-0.07068	-0.05293	0.046156	-0.06581	-0.0631
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0.004872	-0.06683	-0.0548	-0.0113	-0.07247	-0.10729	-0.00856	-0.00148	-0.03894
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0.118897	-0.02205	-0.07535	-0.03632	-0.06122	0.040498	-0.04366	-0.10312	0.047727
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0.040091	-0.00177	0.074396	-0.08998	-0.06648	0.052378	0.029156	-0.04412	-0.11085
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0.002454	0.104497	-0.03628	-0.07459	0.050615	0.012961	0.113524	-0.03991	0.001686
0.051238	-0.06036	-0.10067	0.048392	-0.03475	-0.02561	-0.07976	-0.04543	0.084572
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0.090313	0.052385	0.019337	-0.05494	0.017839	0.12314	0.014455	-0.03899	0.01408
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0.118137	-0.02722	-0.04928	-0.04679	-0.05345	0.090144	-0.01868	-0.09671	0.00639
-0.05183	-0.0233	0.06938	0.097341	0.01791	-0.00321	-0.09685	0.078573	-0.00156
0.04006	0.001915	0.075226	-0.09528	-0.02878	0.037086	0.083456	0.002281	-0.09858
-0.09346	-0.0496	-0.034	0.050406	-0.03011	-0.12227	-0.01171	-0.0025	-0.00986
0.017817	0.106531	-0.039	-0.05397	0.086707	0.022796	0.078867	0.010668	0.081835
0.044918	-0.06534	-0.0872	0.034546	-0.06136	0.022692	-0.0746	-0.09109	0.027705
0.002663	0.058149	0.08425	0.036809	0.070486	0.057197	-0.04463	0.093635	0.016048

0.043477	-0.09127	0.04098	-0.05413	-0.10175	0.017764	0.027515	-0.04594	-0.12005
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0.054794	0.025359	-0.07144	-0.09655	0.002912	0.020808	0.098174	-0.0589	0.03716
-0.03981	-0.00415	-0.07347	0.095989	0.00772	-0.02432	-0.0986	-0.03065	0.06955
0.096217	0.046869	0.048217	-0.04543	0.040925	0.113871	0.004967	0.043352	0.005028
-0.02541	-0.1071	0.038675	0.04247	-0.09925	-0.02435	-0.04873	-0.03232	-0.10854
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0.11539	-0.03267	-0.02028	-0.05563	-0.03518	0.118816	0.005803	-0.03704	-0.0177
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0.039405	0.006616	0.070353	-0.09536	0.013512	0.008899	0.103971	0.056308	-0.03234
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0.032895	0.107363	-0.03719	-0.03041	0.107276	0.023889	0.013461	0.04644	0.118748
0.037816	-0.07096	-0.06843	0.018304	-0.07576	0.068801	-0.04378	-0.08838	-0.02665
0.007597	0.053207	0.097858	0.050799	0.051727	0.007248	-0.07065	0.093746	-0.0319
0.030819	-0.08856	0.039404	-0.07464	-0.07425	0.015759	0.089961	-0.0124	-0.07855
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0.060054	0.028673	-0.07138	-0.09102	0.043756	0.047906	0.072483	-0.00214	0.097287
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0.100495	0.041709	0.074323	-0.03438	0.056043	0.077239	-0.01672	0.101183	-0.01417
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0.110701	-0.03815	0.009622	-0.06245	-0.01023	0.118832	0.01751	0.044809	-0.02492
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0.038142	0.012177	0.060494	-0.09004	0.052597	-0.02618	0.086031	0.082523	0.039471
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0.047435	0.106972	-0.03083	-0.00535	0.108478	0.018532	-0.05894	0.04486	0.083585
0.030046	-0.077	-0.04591	0.000385	-0.07555	0.100577	-0.00349	-0.03438	-0.04962
0.012369	0.049152	0.105198	0.061698	0.022443	-0.04126	-0.07138	0.044825	-0.08134
0.017678	-0.08476	0.033543	-0.09098	-0.0335	0.00602	0.118349	0.036223	0.005902
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0.064349	0.030832	-0.06549	-0.08066	0.077236	0.060081	0.016081	0.046641	0.105105
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0.103081	0.037121	0.095812	-0.02226	0.059999	0.022755	-0.03869	0.104209	-0.047
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0.104147	-0.04343	0.038375	-0.06686	0.016322	0.089671	0.01246	0.104416	-0.0313
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0.036296	0.018419	0.046739	-0.07945	0.081392	-0.05927	0.040014	0.060289	0.07387
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0.061191	0.105387	-0.02034	0.019723	0.089987	0.010796	-0.1112	0.008982	-0.00287
0.021733	-0.08324	-0.02137	-0.01835	-0.06114	0.10892	0.028465	0.043529	-0.04394
0.016907	0.046125	0.10551	0.069151	-0.01199	-0.07662	-0.04162	-0.02192	-0.09266
0.004275	-0.07998	0.024141	-0.10215	0.013028	-0.01048	0.103572	0.066325	0.076899
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0.067603	0.031785	-0.0539	-0.06625	0.097018	0.056425	-0.05127	0.058952	0.046477
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0.103935	0.033301	0.111157	-0.00952	0.051796	-0.03579	-0.04693	0.053222	-0.07298
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0.002454	0.077269	-0.01843	0.105553	-0.03581	0.020135	-0.08178	-0.06616	-0.09308
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0.033901	0.025132	0.030452	-0.06405	0.094812	-0.08098	-0.01388	-0.00219	0.062459
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0.073931	0.10268	-0.00652	0.043324	0.055073	0.004843	-0.12358	-0.03507	-0.08417
0.013011	-0.08944	0.003331	-0.03691	-0.0356	0.09039	0.040521	0.102473	-0.03109
0.021143	0.044231	0.098541	0.073003	-0.04508	-0.09118	0.010622	-0.06751	-0.04509
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0.069754	0.031528	-0.03723	-0.04873	0.099215	0.040305	-0.10398	0.031032	-0.04525
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0.103048	0.030415	0.119259	0.003378	0.032864	-0.08395	-0.0326	-0.02123	-0.06207
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0.015827	0.071328	-0.00578	0.107739	-0.07525	0.038718	-0.02088	-0.03234	-0.08078
0.085909	-0.05249	0.084844	-0.06728	0.053685	-0.02288	-0.01856	0.057159	-0.04934
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0.08544	0.098965	0.009474	0.064092	0.010023	0.003338	-0.09153	-0.05533	-0.10964
0.004024	-0.09536	0.02639	-0.05428	-0.00406	0.048406	0.031817	0.108672	-0.02469
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0.07076	0.0301	-0.01652	-0.0292	0.083147	0.01793	-0.12083	-0.01505	-0.11073
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0.095524	0.094393	0.026259	0.080863	-0.03701	0.006489	-0.02751	-0.03507	-0.07017
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0.069266	0.024114	0.031123	0.011254	0.009929	-0.0192	-0.03192	-0.04098	-0.04241
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0.066316	0.020448	0.053306	0.030261	-0.03404	-0.02434	0.04147	-0.00087	0.037156
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0.031545	0.04111	-0.00455	0.050928	-0.03124	-0.05012	0.049345	-0.06311	0.039895
-0.07675	-0.05649	0.108857	-0.01711	0.100951	-0.03831	-0.08188	0.065127	0.060951
0.108748	0.109982	-0.0357	0.095916	-0.08517	-0.04695	0.095499	-0.0921	0.001271
-0.0594	-0.07496	-0.06402	-0.10028	-0.01233	0.11904	-0.01632	0.032112	-0.11522
0.035913	0.016667	-0.01701	-0.00099	0.004906	0.002244	-0.02461	0.039592	0.018579
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-0.02766	-0.01251	0.118822	0.022524	0.095541	-0.07016	-0.07416	0.059289	0.084445
0.079912	0.090102	-0.05099	0.08056	-0.0992	-0.02892	0.111703	-0.1099	-0.02202
-0.06072	-0.07961	-0.02536	-0.10208	0.024695	0.110016	-0.05302	0.068513	-0.09878
0.075059	0.054747	-0.0644	0.026279	-0.04847	-0.00286	0.025649	-0.00572	0.012929
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0.03818	0.048706	0.098003	0.073575	0.059688	-0.10118	-0.03962	0.031096	0.101111
0.010139	0.032466	-0.03665	0.037768	-0.07818	-0.00168	0.097075	-0.10304	-0.04487
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0.055523	0.044219	-0.1002	0.017636	-0.08232	0.012021	0.060222	-0.04104	-0.00402
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0.072344	0.088937	0.059618	0.110424	0.010673	-0.12023	0.008922	-0.01171	0.106727
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0.065367	0.032649	-0.02041	-0.01191	0.003955	0.050305	-0.04257	0.07631	-0.05316
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0.048265	0.081847	0.025848	0.113593	-0.0282	-0.11997	0.053043	-0.05635	0.099556
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0.107899	0.086828	-0.05237	0.038774	-0.0447	0.022009	0.001232	0.045578	-0.03734
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0.016253	-0.01512	0.054028	-0.02244	0.097108	-0.02187	-0.10909	0.099618	0.064543
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0.091545	0.096574	-0.08315	0.061439	-0.09279	0.009317	0.052508	0.001678	-0.03299
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0.062809	0.039124	0.010854	0.023642	0.053086	-0.04904	-0.07978	0.088285	0.086828
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0.039443	0.026481	0.090954	0.017581	0.067288	-0.00195	-0.05688	0.046274	-0.04024
0.028052	0.058112	-0.09195	0.047051	-0.11838	0.016393	0.092625	-0.04238	-0.04137
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0.05251	0.053619	-0.03745	0.048383	-0.00097	-0.06568	-0.03211	0.055485	0.101673
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0.081909	0.0844	0.067759	0.072223	0.039919	-0.03713	-0.046	0.056725	-0.01683
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0.046112	-0.02202	-0.0178	-0.08822	0.051192	0.099357	-0.08405	0.073383	-0.05949
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0.067677	0.106186	0.033392	0.11276	-0.00652	-0.06847	-0.00883	0.042344	0.004925
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0.09884	0.044748	-0.04279	-0.03548	0.0307	0.073285	-0.09091	0.103307	-0.04039
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0.001319	-0.03786	0.10723	-0.03066	0.116409	-0.02509	-0.06459	-0.0096	0.019511
0.003718	0.077384	0.01041	0.119668	-0.04937	-0.08502	0.040609	0.007391	0.018683
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0.095235	0.081415	-0.08195	0.012826	-0.01629	0.043606	-0.0674	0.110741	-0.01677
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0.053666	0.023033	0.082636	0.011608	0.114265	-0.04518	-0.09228	0.032987	0.029669
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0.039549	0.068391	-0.11285	0.033492	-0.06967	0.022713	-0.02176	0.093474	0.004509
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0.052134	0.060098	0.037536	0.05777	0.079855	-0.0752	-0.09015	0.060603	0.049461
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0.089433	0.058495	0.04608	-0.0087	0.039901	0.082814	-0.04002	0.014201	-0.11947
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0.022142	-0.07036	0.004603	-0.11344	0.061864	0.04869	-0.02386	-0.04787	0.031213
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0.086409	0.105744	0.019707	0.048398	0.019903	0.052946	-0.05564	0.055438	-0.10814
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0.083095	-0.00417	-0.00618	-0.08564	0.084731	0.052843	-0.07275	-0.01008	0.019076
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0.049031	0.006838	0.120712	-0.00898	0.089541	-0.0002	0.006713	-0.08756	-0.05461
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0.04468	0.065539	-0.08719	0.008396	0.031703	0.011581	-0.11046	0.075538	0.031755
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0.056047	0.060447	0.093194	0.035801	0.10007	-0.01148	-0.03952	-0.04822	-0.06567
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0.091908	0.014981	0.010309	-0.08749	0.012088	0.118757	0.019783	-0.05311	-0.03853
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0.007568	0.075896	0.05049	0.084372	0.076435	-0.03916	-0.06444	-0.00263	-0.06422
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0.015649	0.080253	-0.05797	-0.07391	0.081007	0.010308	0.02871	-0.06379	0.099057
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0.087488	-0.00659	0.021421	-0.07738	-0.09671	0.011307	0.010547	0.100694	0.065117
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0.086544	-0.0042	0.015702	-0.091	0.006002	-0.1094	0.048067	0.055064	-0.0174
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0.057349	-0.04855	0.099925	0.017045	-0.10296	0.005669	-0.0144	0.081133	-0.05871
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0.052623	-0.07007	-0.08027	-0.00551	-0.04841	-0.03048	-0.11104	-0.04352	0.021475
0.025798	0.051212	-0.0084	-0.08954	0.055821	-0.0811	0.07742	0.035448	0.004329
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0.044805	0.008897	0.12205	-0.02034	-0.07842	0.005284	0.036899	0.106571	-0.03957
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0.096384	-0.04638	-0.0365	-0.05527	-0.0789	-0.05199	-0.08848	0.002099	0.019108
-0.03811	0.064301	-0.05244	-0.05476	0.098912	-0.04908	0.077866	-0.00286	0.018028
0.031448	-0.10973	0.003601	0.084449	0.001561	-0.03323	-0.05277	-0.06208	-0.10521
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0.083044	0.014877	-0.00596	-0.10035	-0.07543	-0.05711	-0.04405	0.042326	0.029333

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0.006079	-0.05317	-0.00454	0.073037	-0.05065	0.087749	-0.08189	-0.063	0.05245
0.019397	0.078842	-0.00325	-0.11733	-0.04116	-0.04226	0.005742	0.065243	0.049164
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0.083753	-0.04635	0.057647	-0.02159	-0.04024	-0.08967	-0.01746	0.022493	-0.11945
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0.055925	-0.05373	0.042433	0.039004	-0.09758	0.057406	-0.0963	-0.03928	0.031553
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0.046364	-0.07839	-0.10486	0.033387	0.050483	-0.03363	-0.04978	-0.10945	-0.01139
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0.051889	-0.00909	0.084937	-0.0087	-0.11999	0.031575	-0.07999	0.001382	0.019478
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0.099518	-0.08169	-0.07091	0.001208	-0.00289	-0.06089	-0.08373	-0.10669	-0.0351
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0.006632	-0.08373	0.017862	0.122505	0.029827	0.081919	0.009777	-0.03728	0.006478
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0.098598	-0.03681	-0.03431	-0.05201	-0.04053	-0.09039	-0.08936	-0.08047	-0.05541
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0.067557	-0.10343	0.046387	0.103633	-0.01744	0.056416	-0.03436	-0.05604	-0.01434
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0.003423	-0.02921	-0.07153	0.041117	0.030623	0.063456	-0.01174	-0.04732	0.103993
0.042831	0.03175	-0.01643	-0.10073	-0.0465	-0.10985	-0.06502	-0.03858	-0.06639
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0.076721	-0.07306	0.080912	0.056112	-0.05838	0.021521	-0.05688	-0.05022	-0.03796
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0.058406	-0.05441	-0.03471	0.039546	-0.01855	0.054832	-0.06204	-0.08321	0.090903
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0.033358	-0.07107	-0.08557	0.060548	0.110766	-0.00775	0.0717	0.00654	-0.03354
0.030637	-0.01241	0.099121	0.003124	-0.07283	-0.01039	-0.04919	-0.02155	-0.0575
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0.063352	-0.03007	0.014438	0.005091	-0.07144	0.031217	-0.10058	-0.09903	0.069451
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0.094997	-0.10173	-0.07063	0.06267	0.073859	-0.01153	0.022781	-0.03844	-0.03574
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0.01252	0.028979	0.053127	-0.04282	-0.1053	0.003433	-0.11309	-0.09007	0.045882
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0.107014	-0.08243	-0.03812	0.028654	0.022908	-0.03379	-0.0262	-0.07249	-0.04987
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0.049648	-0.08362	0.031696	0.114292	0.012523	0.12308	0.026998	0.020663	0.105513
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0.003041	-0.00682	-0.11343	-0.00756	0.090411	-0.02721	0.067642	0.045506	-0.00618
0.061067	-0.02278	-0.01012	-0.02682	-0.0188	-0.06662	-0.05745	-0.08553	-0.07183
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0.068525	-0.08087	0.069719	0.09911	-0.03359	0.112682	-0.02206	-0.02352	0.102038
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0.077404	-0.05238	-0.05929	0.019285	0.030928	-0.00036	-0.00266	-0.03102	0.020141
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0.082472	-0.09865	-0.04154	0.093601	0.094433	0.04426	0.105174	0.096966	-0.00418

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0.033786	-0.00625	-0.01305	-0.01776	-0.02413	-0.01522	-0.0537	-0.07444	0.015341
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0.034722	-0.04764	-0.00671	0.06148	0.034843	0.065656	0.054291	0.068227	0.060759
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0.002086	0.011724	-0.11004	-0.04572	0.083102	-0.09413	0.061458	0.046961	-0.11498
0.072169	-0.07023	0.010541	0.063249	0.020704	0.041434	0.024236	0.017555	0.020317
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0.096217	0.023547	0.024189	-0.00418	0.061509	-0.05046	0.094516	-0.08227	0.072131
-0.05369	0.10302	-0.04349	-0.09064	0.02098	0.059304	-0.03701	0.01519	0.026868

-0.03725	-0.04576	-0.06712	0.107624	0.021565	-0.08966	-0.02777	-0.01562	-0.06847
0.036376	-0.00774	0.104183	-0.00991	-0.12296	0.010304	-0.07785	-0.0158	0.04534
-0.04109	-0.08588	-0.02546	0.008029	0.030932	0.066367	0.065352	0.099973	-0.07685
0.106588	0.052159	0.043634	-0.02934	0.047665	-0.0439	0.079005	-0.0933	0.086725
-0.08357	0.079524	-0.07353	-0.07164	0.031093	0.05767	-0.04442	0.030008	0.005372
0.001089	-0.0359	-0.0365	0.111208	0.003593	-0.10391	-0.03149	-0.02946	-0.062
0.000566	-0.00976	0.090725	-0.02738	-0.12096	0.039525	-0.07084	0.006048	0.042791
-0.01461	-0.09546	-0.02658	0.027824	0.049803	0.043707	0.085349	0.084638	-0.07149
0.09818	0.077318	0.053942	-0.0569	0.034457	-0.03142	0.060424	-0.09895	0.097683
-0.09774	0.053045	-0.0995	-0.04468	0.042074	0.048768	-0.04932	0.042244	-0.01667
0.031177	-0.01792	-0.00288	0.104075	-0.0183	-0.11069	-0.0354	-0.04165	-0.0529
-0.03661	-0.02279	0.068401	-0.03553	-0.11171	0.065133	-0.06012	0.028219	0.039514
0.022486	-0.09381	-0.01614	0.041467	0.062978	0.019537	0.101594	0.064692	-0.06401
0.072716	0.094457	0.052691	-0.08291	0.023685	-0.01458	0.03976	-0.09901	0.104629
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0.046123	0.003717	0.028658	0.087639	-0.04237	-0.10917	-0.03925	-0.05132	-0.04136
-0.06627	-0.04438	0.041418	-0.03361	-0.09596	0.085054	-0.04598	0.049422	0.035495
0.061772	-0.08066	0.003677	0.046361	0.069847	-0.00375	0.113267	0.041223	-0.05484
0.035851	0.100643	0.039438	-0.10358	0.016766	0.004599	0.01807	-0.0936	0.107364
-0.07128	0.011678	-0.12314	0.019571	0.058977	0.012064	-0.05208	0.056344	-0.05875
0.042541	0.023783	0.053447	0.064592	-0.06654	-0.09927	-0.04274	-0.05772	-0.02769
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0.094296	-0.05808	0.029053	0.041193	0.070498	-0.02389	0.119774	0.015519	-0.04442
-0.00413	0.095179	0.015798	-0.1158	0.014569	0.023871	-0.00358	-0.08315	0.10587
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0.021332	0.037378	0.067955	0.03851	-0.08862	-0.08167	-0.04548	-0.06033	-0.0123
-0.0778	-0.09528	-0.00682	-0.00399	-0.05093	0.102369	-0.00961	0.083993	0.025153
0.112658	-0.03008	0.055191	0.026137	0.065689	-0.03902	0.12078	-0.01101	-0.03324
-0.03825	0.079751	-0.01483	-0.11762	0.017315	0.040953	-0.02416	-0.06836	0.10031
0.000673	0.009318	-0.09865	0.071702	0.058225	-0.0388	-0.04739	0.054656	-0.09243
-0.01252	0.040944	0.070409	0.013341	-0.1066	-0.05776	-0.04709	-0.05886	0.004276
-0.05641	-0.11436	-0.0193	0.01835	-0.02564	0.0988	0.0111	0.095232	0.018807
0.112719	-0.00179	0.077123	0.002827	0.05675	-0.04779	0.116225	-0.0369	-0.02172
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0.033589	0.023928	-0.0719	0.085157	0.048861	-0.06392	-0.04323	0.048135	-0.10424
-0.0511	0.033002	0.061085	-0.00717	-0.1188	-0.0295	-0.04719	-0.05328	0.021432
-0.02169	-0.12365	-0.02037	0.040816	-0.00138	0.087694	0.032252	0.101374	0.011693
0.09455	0.021661	0.09056	-0.02587	0.045417	-0.04953	0.10633	-0.06073	-0.01028
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0.05362	0.045219	-0.04072	0.088083	0.033513	-0.08562	-0.03843	0.038457	-0.11198
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0.01862	-0.12128	-0.00969	0.059542	0.019848	0.070384	0.05282	0.101963	0.003863
0.062424	0.036121	0.092626	-0.05624	0.033628	-0.04432	0.091584	-0.08119	0.000693
-0.04573	0.016096	-0.10112	-0.06276	0.047737	0.06064	-0.071	-0.00822	0.063223
0.055908	0.06836	-0.01012	0.080712	0.013043	-0.10179	-0.03338	0.026354	-0.11529
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0.055536	-0.10773	0.011037	0.071175	0.036453	0.048758	0.07176	0.096859	-0.00459
0.023823	0.039327	0.082345	-0.08431	0.023288	-0.03294	0.072719	-0.09719	0.010909
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0.0397	0.088106	0.015049	0.064731	-0.01109	-0.11078	-0.0284	0.012705	-0.11402
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0.080834	-0.08576	0.038336	0.073365	0.047402	0.025064	0.088072	0.086245	-0.01352
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0.021857	0.005548	-0.11321	-0.00071	0.070777	0.038914	-0.08436	0.032869	0.027604
0.00852	0.099881	0.030919	0.043035	-0.03697	-0.11158	-0.02374	-0.00152	-0.1082
-0.09757	-0.06683	-0.02854	-0.00147	-0.09738	0.078708	-0.02699	0.001538	0.082225
0.088974	-0.05983	0.067569	0.065114	0.052322	0.001692	0.100857	0.070629	-0.02273
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0.057552	0.016959	-0.10107	0.026793	0.0775	0.018716	-0.08513	0.050126	0.008734
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0.078378	-0.03518	0.093711	0.04692	0.051537	-0.01906	0.109363	0.05081	-0.03199
-0.04604	-0.00677	-0.00263	-0.1218	0.015095	0.021631	0.001464	-0.11131	0.034911
0.083021	0.037567	-0.07934	0.047268	0.078943	-0.00563	-0.08221	0.063883	-0.00982
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0.051788	-0.01673	0.112206	0.020719	0.046004	-0.03521	0.113041	0.027841	-0.04099
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0.092099	0.063403	-0.05199	0.05839	0.074169	-0.03197	-0.076	0.073433	-0.02735
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0.009576	-0.0916	-0.03241	0.068679	-0.03106	0.098718	0.009986	0.052479	0.101652
0.015638	-0.0081	0.119737	-0.01039	0.0372	-0.04528	0.111572	0.002968	-0.04942
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0.0824	0.089375	-0.02389	0.059207	0.062892	-0.05789	-0.06704	0.078336	-0.04319
-0.11055	0.041955	-0.01377	-0.02702	-0.11586	-0.03867	-0.00976	-0.04507	-0.04679
0.039619	-0.0781	-0.01119	0.087663	-0.00914	0.089572	0.024789	0.065638	0.100683
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0.027518	-0.04828	-0.07844	-0.06991	0.046749	0.061797	-0.06732	-0.07354	0.047332
0.055871	0.110326	1.16E-05	0.05027	0.045527	-0.08096	-0.05598	0.078441	-0.05682
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0.054239	-0.05754	0.017749	0.098692	0.00941	0.073879	0.039799	0.075269	0.095719
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0.066029	-0.04247	-0.08325	-0.04113	0.061691	0.063342	-0.08455	-0.05219	0.049024
0.018339	0.122097	0.015532	0.033542	0.023157	-0.09896	-0.04354	0.073889	-0.0678
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0.050258	-0.03472	0.049968	0.099666	0.023208	0.0534	0.054262	0.080659	0.086844
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0.097339	-0.02568	-0.07598	-0.01275	0.075774	0.057529	-0.09754	-0.0283	0.049642
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0.028803	-0.01487	0.080443	0.089887	0.031453	0.03031	0.067388	0.081343	0.074314
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0.112615	0.028211	-0.03449	0.028129	0.093664	0.025381	-0.10903	0.021571	0.048073
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0.092942	0.055637	-0.0086	0.035429	0.094377	0.00156	-0.10727	0.044787	0.046071
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0.036704	-0.1066	-0.03784	-0.08577	0.023733	0.037729	-0.01632	-0.11363	-0.06399
0.059631	0.076681	0.01418	0.032673	0.08841	-0.02483	-0.10077	0.065133	0.043352
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0.046405	0.009738	-0.02499	0.105037	-0.03415	0.097986	0.018061	-0.00139	0.091571
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0.072968	-0.09823	-0.0452	-0.06238	0.03834	0.052803	-0.04123	-0.11026	-0.0568
0.020289	0.087689	0.029401	0.020737	0.075699	-0.0514	-0.08999	0.081524	0.039961
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0.097225	-0.07934	-0.04056	-0.03627	0.055219	0.062596	-0.06437	-0.10091	-0.04713
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0.006981	0.010953	-0.10446	-0.02488	-0.11393	-0.01822	0.030418	-0.02843	-0.06233
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0.042242	0.011867	-0.11344	-0.00097	-0.11167	0.011923	0.034675	-0.04119	-0.05217
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0.092288	-0.02489	-0.00272	0.008542	0.088108	0.061561	-0.10096	-0.0665	-0.02133
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0.064696	0.000613	0.022768	0.02062	0.100105	0.050059	-0.11265	-0.04331	-0.00596
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0.074988	0.043577	-0.09465	0.05842	-0.08902	0.064625	0.038239	-0.0565	-0.02892
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0.024724	-0.12215	-0.0139	-0.07928	-0.00175	-0.00303	0.034891	-0.06618	-0.09619
0.027929	0.018566	0.046138	0.023112	0.106808	0.032014	-0.11913	-0.01776	0.010384
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0.037034	0.089606	-0.03759	0.107616	-0.05278	0.093789	0.037055	-0.05599	-0.0049
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0.064	-0.07081	-0.00256	-0.01707	0.040727	0.051887	-0.03157	-0.10034	-0.11512
-0.05195	0.007776	0.063354	-0.02241	0.086566	-0.04448	-0.10577	0.058868	0.058988
0.092066	0.003887	-0.11998	-0.04553	-0.09883	-0.05614	0.049212	0.032119	-0.00984
-0.04085	0.111359	0.024606	0.121464	-0.01881	0.091496	0.033706	-0.04067	0.016667
-0.04831	-0.0666	0.023354	-0.0481	-0.01434	-0.0458	0.059592	0.044795	0.040492
0.042089	-0.04582	0.020651	0.004426	0.060422	0.063071	-0.05369	-0.10148	-0.11248
-0.04712	-0.01257	0.045876	-0.04721	0.066871	-0.06987	-0.09127	0.079715	0.072803
0.107428	0.02204	-0.12294	-0.01879	-0.10312	-0.02751	0.060321	0.010508	-0.01838
-0.07406	0.105511	0.045813	0.11216	-0.00705	0.079252	0.031925	-0.02882	0.025801
-0.00932	-0.07987	-0.0011	-0.05838	-0.02064	-0.04469	0.055303	0.032529	0.021463
0.008208	-0.02526	0.047779	0.020167	0.079826	0.067836	-0.07396	-0.09696	-0.10534
-0.02469	-0.0343	0.018918	-0.07075	0.042616	-0.09124	-0.07283	0.096181	0.084334
0.1043	0.047141	-0.11345	0.012569	-0.10063	0.00256	0.068092	-0.01102	-0.02706
-0.09309	0.088723	0.056	0.093371	-0.00021	0.061376	0.030319	-0.01528	0.03359
0.023741	-0.08166	-0.01885	-0.05836	-0.02302	-0.03687	0.048116	0.017541	0.002205
-0.02953	-0.01334	0.073861	0.02748	0.096851	0.065315	-0.09133	-0.08691	-0.09399
0.010341	-0.05221	-0.01362	-0.08923	0.015723	-0.10655	-0.05137	0.107382	0.093013
0.083211	0.074413	-0.09315	0.044691	-0.0922	0.031529	0.072419	-0.03122	-0.03564
-0.09383	0.063977	0.054088	0.067762	0.001452	0.039858	0.028962	-0.00101	0.03994
0.043275	-0.07229	-0.02647	-0.0487	-0.02039	-0.02333	0.038086	0.000724	-0.01651
-0.0621	-0.01244	0.094065	0.024967	0.109561	0.055359	-0.10487	-0.07182	-0.0789
0.050028	-0.06186	-0.04686	-0.09954	-0.01162	-0.11429	-0.02799	0.112725	0.098362
0.048821	0.098587	-0.06547	0.073573	-0.07923	0.056993	0.073375	-0.04896	-0.04385
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0.044804	-0.05436	-0.0223	-0.03145	-0.01226	-0.00567	0.025451	-0.0169	-0.03397
-0.0817	-0.02266	0.104527	0.012699	0.116412	0.038574	-0.11385	-0.05247	-0.0607
0.085366	-0.0605	-0.07581	-0.09969	-0.03721	-0.11365	-0.00385	0.111979	0.100065
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-0.04508	0.009669	0.019853	0.010806	-0.00858	-0.00483	0.026837	0.025664	0.048216
0.027999	-0.03233	-0.00666	-0.00985	0.0013	0.014048	0.010473	-0.03421	-0.04955
-0.08341	-0.0417	0.102854	-0.00782	0.116238	0.016161	-0.11761	-0.02972	-0.03994
0.108321	-0.04753	-0.09622	-0.08896	-0.05917	-0.10443	0.0201	0.105109	0.097822
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-0.00277	-0.01081	0.017334	0.0126	0.018384	0.03353	-0.00503	-0.04981	-0.06214
-0.06727	-0.06523	0.089597	-0.03317	0.109382	-0.00907	-0.1163	-0.00602	-0.01895
0.113192	-0.02636	-0.10401	-0.06937	-0.07394	-0.08791	0.040199	0.092712	0.09129
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0.027916	-0.01652	-0.0306	-0.02659	-0.0298	-0.0354	0.027789	0.042898	0.050579
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0.108559	0.01165	-0.11367	-0.03744	-0.10093	-0.06572	0.077812	0.080437	0.090037
-0.07192	0.103354	0.036093	0.111963	-0.01298	0.10487	0.04811	-0.09457	-0.08274
0.040198	-0.04185	-0.026	-0.05016	-0.00456	-0.05006	-0.01222	0.04732	0.043427
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0.00789	-0.04943	0.009335	-0.0416	0.027934	-0.03175	-0.03756	0.023749	0.016423
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0.00582	-0.02887	0.004288	-0.02559	0.016091	-0.0205	-0.02314	0.016083	0.011774

0.133742	-0.0338	-0.14175	-0.00258	0.139753	0.031932	0.129815	-0.06113	-0.11744
0.001786	0.132067	0.035505	0.125406	-0.07085	0.109202	-0.09767	-0.08715	0.114488
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0.010617	-0.00053	-0.01525	0.012945	0.012852	0.02719	0.004815	-0.03954	0.00582
0.106904	-0.01426	-0.1044	0.005217	0.095593	0.024225	0.082974	-0.03671	-0.07031
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0.003139	0.010905	-0.01629	0.008149	0.031299	0.013001	0.04496	-0.02437	-0.05619
0.017433	-0.00313	-0.02098	0.018467	0.012926	0.038688	-0.00339	-0.05323	0.022594
0.101734	-0.00516	-0.09201	0.0054	0.079061	0.01303	0.06575	-0.01312	-0.05453
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0.013968	0.020895	-0.03252	0.021422	0.05054	0.031411	0.06467	-0.04777	-0.07466
0.030018	-0.00098	-0.02874	0.028678	0.011538	0.053284	-0.01527	-0.06697	0.043354
0.090232	0.004669	-0.07293	0.003447	0.056586	-0.00301	0.044216	0.016755	-0.03621
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0.025564	0.034463	-0.04789	0.039411	0.065708	0.053482	0.076645	-0.0711	-0.08204
0.038602	0.000187	-0.02939	0.034597	0.001564	0.058802	-0.03483	-0.06633	0.06865
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0.035909	0.049148	-0.05984	0.058142	0.074481	0.073033	0.079809	-0.0859	-0.07932
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0.055877	0.015036	-0.02977	-0.01442	0.016691	-0.04876	0.017048	0.081377	-0.02374
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0.044388	0.064355	-0.06712	0.07615	0.075763	0.087472	0.074218	-0.0891	-0.06846
0.045684	-0.00241	-0.01423	0.031546	-0.03425	0.044308	-0.08111	-0.03279	0.111275
0.035151	0.016544	-0.00942	-0.02692	0.003929	-0.0712	0.015265	0.104259	-0.0306
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0.050234	0.079142	-0.06866	0.091671	0.069192	0.094445	0.061243	-0.07914	-0.05298
0.043987	-0.00708	-0.00022	0.02214	-0.05557	0.026782	-0.10097	-0.0081	0.120914
0.013577	0.01616	0.007764	-0.03958	-0.00171	-0.08909	0.022142	0.115358	-0.04411
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0.021476	-0.10494	-0.06241	-0.0838	0.080697	-0.03508	0.061028	-0.01589	-0.01312
0.052876	0.09256	-0.0639	0.103242	0.055429	0.092768	0.043499	-0.05705	-0.03731
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0.065103	-0.07844	-0.10142	-0.052	0.091897	-0.00433	0.034162	-0.02706	0.041615
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0.108828	-0.02672	-0.11619	-0.02394	0.054917	-0.01805	-0.03776	0.031511	0.104106
0.012851	0.112574	0.034711	0.084944	-0.04863	-0.00333	-0.00285	0.080858	-0.05897
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0.096223	0.026835	-0.05502	-0.05179	-0.01758	-0.09826	-0.0661	0.066543	0.063839
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0.066629	-0.01952	-0.02327	0.081289	-0.06539	0.074564	-0.07003	0.024359	-0.02122
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0.083259	-0.01897	-0.01362	0.071481	-0.08716	0.051869	-0.06923	0.038892	-0.04606
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0.104037	-0.02954	0.033326	0.019977	-0.12355	0.007457	-0.01906	0.010846	-0.11318
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0.004377	-0.07743	-0.09713	-0.02603	0.015921	0.068258	-0.09882	-0.02318	0.038956
0.012247	0.104544	-0.04213	0.067687	0.022679	-0.08051	-0.00672	0.105668	0.03648
0.100535	-0.03754	0.049203	0.000589	-0.12109	0.007885	0.00613	-0.0134	-0.12004
-0.04149	0.032027	0.026885	-0.10413	0.047173	-0.05274	0.014481	-0.09371	0.057828
-0.0849	-0.03408	0.056631	0.066874	0.051872	0.074409	0.082206	0.026671	0.008523
0.016953	-0.06043	-0.10986	-0.01938	-0.00113	0.051902	-0.11275	-0.00046	0.016702
0.023278	0.109462	-0.0214	0.059808	0.005325	-0.09943	0.00296	0.087333	0.023197

0.09217	-0.04738	0.062176	-0.01698	-0.1111	0.016847	0.029925	-0.0367	-0.11604
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0.029475	-0.04187	-0.11614	-0.01756	-0.02144	0.031367	-0.11891	0.01205	-0.01139
0.031616	0.11065	0.002628	0.048655	-0.00592	-0.11182	0.018761	0.05907	0.015646
0.079548	-0.05848	0.070704	-0.03117	-0.09484	0.033007	0.048944	-0.0536	-0.10227
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0.041025	-0.02273	-0.11563	-0.02094	-0.04233	0.009869	-0.1161	0.012182	-0.04107
0.036827	0.107796	0.028177	0.035822	-0.00973	-0.11595	0.037643	0.025573	0.016464
0.063495	-0.07011	0.073635	-0.0408	-0.07436	0.053962	0.060593	-0.05993	-0.08169
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0.05072	-0.00403	-0.10857	-0.02934	-0.06105	-0.00924	-0.10459	0.000235	-0.06768
0.038699	0.10085	0.053313	0.023074	-0.00571	-0.1113	0.056052	-0.00751	0.026396
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0.057768	0.013297	-0.09574	-0.04197	-0.07511	-0.02295	-0.08606	-0.02109	-0.08716
0.037253	0.090032	0.076117	0.012163	0.00554	-0.09866	0.070497	-0.03464	0.044118
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0.006187	-0.04591	-0.02403	0.118256	-0.01766	0.004626	0.015881	0.122474	-0.00879
0.061525	0.028457	-0.07839	-0.05756	-0.08259	-0.02907	-0.0633	-0.04721	-0.09682
0.032737	0.075816	0.094862	0.004623	0.022537	-0.07999	0.078128	-0.05148	0.06651
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0.03015	-0.04248	-0.0261	0.114896	-0.04079	-0.01843	0.024002	0.108515	-0.01912
0.061538	0.040831	-0.05817	-0.07451	-0.0824	-0.02652	-0.0398	-0.07256	-0.09595
0.025609	0.058899	0.108154	0.001604	0.043064	-0.05814	0.077203	-0.05568	0.089299
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0.106102	-0.03326	0.016428	0.058623	-0.0845	-0.04847	0.100974	-0.00173	0.020614
0.02328	0.05867	0.014704	-0.12174	-0.01614	0.048911	0.000269	-0.07818	-0.03651
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0.115665	-0.04498	0.063512	0.012511	-0.04447	0.003965	0.11874	-0.01119	0.097756
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0.02865	0.100433	-0.00408	-0.01621	-0.00511	-0.08418	-0.02295	-0.12172	-0.03338
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-0.00821	-0.10629	-0.01017	-0.09955	0.023108	0.090237	0.031563	0.079301	-0.03654
0.119639	0.020188	-0.11345	0.027568	0.105571	-0.03098	0.096635	-0.03089	-0.08681
-0.03857	0.065227	0.052718	0.072426	-0.06515	-0.07816	-0.07472	-0.08297	0.080546
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0.009907	-0.09211	-0.02409	-0.07483	0.030739	0.054876	0.031691	0.033411	-0.02896
0.104156	0.02666	-0.08798	0.027924	0.06996	-0.02401	0.050803	-0.01612	-0.03062
-0.06471	0.081267	0.078407	0.084927	-0.0869	-0.08602	-0.08916	-0.085	0.084755
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0.035968	0.03113	-0.05727	0.027468	0.077928	-0.02396	0.095936	-0.01931	-0.10966
0.022309	-0.06538	-0.02755	-0.03694	0.02373	0.007194	0.014305	-0.02211	-0.00281
0.072262	0.031742	-0.04487	0.022944	0.017605	-0.00846	-0.00857	0.009109	0.033407
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0.076153	0.026338	-0.09781	0.02689	0.112853	-0.0256	0.119573	-0.02122	-0.1169
0.017237	-0.03188	-0.00944	0.004078	-0.00667	-0.03792	-0.02549	-0.0672	0.041918
0.032805	0.027445	0.001514	0.005354	-0.03096	0.020987	-0.05464	0.047004	0.072562
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0.105642	0.030235	-0.11802	0.032964	0.117216	-0.03022	0.103348	-0.0216	-0.07757
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0.118656	0.04039	-0.11347	0.040553	0.091035	-0.03044	0.055351	-0.01201	-0.01149
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0.016367	-0.1124	-0.03138	-0.07937	0.031146	0.029987	0.017698	-0.02493	0.002089
0.112804	0.05213	-0.08618	0.043077	0.043842	-0.01951	-0.00495	0.012011	0.051173
-0.0668	0.049792	0.089101	0.072841	-0.0931	-0.07942	-0.07397	-0.06901	0.035157
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0.030901	-0.09273	-0.02922	-0.04235	0.009415	-0.01733	-0.01917	-0.07073	0.043907
0.090127	0.060004	-0.04456	0.035129	-0.00799	0.005109	-0.05397	0.0472	0.083351
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0.040018	0.032837	-0.09376	0.036464	0.118404	-0.03085	0.106461	-0.01507	-0.06119
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0.077067	0.039405	-0.11376	0.045899	0.106705	-0.03415	0.059961	-0.00699	0.008901
0.012357	-0.03285	0.028817	0.030265	-0.06801	-0.07785	-0.08263	-0.09279	0.06251
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0.001243	-0.11595	-0.02517	-0.10864	0.034207	0.052063	0.02116	-0.0276	0.004831
0.100268	0.052862	-0.10907	0.054971	0.068355	-0.0285	-0.0011	0.014606	0.068246
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0.027851	-0.11803	-0.03895	-0.08249	0.022616	0.004711	-0.01295	-0.07408	0.043993

0.105471	0.068875	-0.08236	0.057049	0.017144	-0.0093	-0.05299	0.047252	0.092111
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0.046276	-0.10682	-0.03273	-0.04689	-0.00998	-0.03868	-0.05314	-0.0983	0.064489
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0.050275	-0.08532	-0.00665	-0.00994	-0.05153	-0.06836	-0.07833	-0.09644	0.049336
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0.039913	0.035055	-0.10762	0.057739	0.089168	-0.03515	0.002864	0.01711	0.083867
0.03721	-0.05864	0.032569	0.020604	-0.08557	-0.0797	-0.07298	-0.07401	0.000485
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0.039431	-0.10831	-0.04769	-0.08401	0.007379	-0.01895	-0.04648	-0.10185	0.0572
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0.121516	-0.02167	0.076633	-0.01136	-0.03912	-0.03826	0.116094	0.030439	0.081726
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0.001209	-0.03293	-0.03538	0.108883	-0.04853	0.087759	0.017842	0.011001	-0.03035

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-0.07973	0.080958	-0.06944	-0.02508	0.02492	0.047756	0.022431	-0.10141	0.042715
-0.00719	-0.09892	-0.05326	0.092749	0.06826	0.032083	-0.03581	0.043737	0.035037
0.009461	-0.03789	0.089834	0.022237	-0.11869	-0.00322	0.081511	0.02923	0.004509
-0.01885	0.05059	-0.03316	-0.11316	0.023689	-0.10697	-0.00101	0.03396	0.003293
0.096314	0.03495	0.03365	0.014415	0.053062	0.048161	-0.1108	-0.04229	-0.09732
-0.08959	0.024508	-0.04268	0.042215	-0.02699	0.087066	0.073008	-0.08429	0.073347
-0.0259	-0.10535	-0.05144	0.040124	0.038391	-0.05083	0.011966	0.102723	0.064649
0.070172	-0.00451	0.12029	-0.01907	-0.09075	-0.03108	0.001798	0.032402	-0.08621
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0.055524	-0.01535	-0.02622	0.066604	0.091921	0.065483	-0.09103	-0.01553	-0.01385
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0.109606	0.031717	0.105292	-0.03281	-0.01991	-0.01378	-0.08268	-0.00287	-0.12354
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0.00885	-0.07274	-0.06409	0.085121	0.084727	0.026974	-0.02891	0.048382	0.064445
-0.02442	-0.05318	0.072901	0.047881	-0.11094	0.005807	0.062725	0.044183	-0.02539
-0.02566	0.019231	-0.0282	-0.10819	0.002819	-0.10401	0.022116	0.008822	0.005667
0.114367	0.041139	0.051878	-0.00547	0.057744	0.028569	-0.12019	-0.02864	-0.07683
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0.036773	-0.03586	0.113827	0.001027	-0.08765	-0.03559	-0.01561	0.048933	-0.10095
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0.085213	0.012101	-0.01539	0.042632	0.103401	0.051073	-0.09023	-0.00833	0.0189
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0.091048	0.003438	0.113308	-0.03084	-0.01984	-0.03043	-0.09416	0.010499	-0.1138
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-0.04036	-0.01384	-0.03101	-0.09756	-0.01722	-0.09755	0.041762	-0.01504	-0.00359
0.11832	0.033198	0.069314	-0.02281	0.059728	0.008233	-0.12291	-0.02136	-0.04694
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0.002307	-0.06049	0.100757	0.02304	-0.08077	-0.04236	-0.03038	0.064855	-0.10272
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0.108986	0.029384	0.000485	0.016958	0.11056	0.037439	-0.08303	-0.00926	0.053027
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0.061261	-0.02909	0.113769	-0.02431	-0.01878	-0.04808	-0.09982	0.018627	-0.09266
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0.068142	-0.00863	-0.06339	0.053671	0.10866	0.022774	-0.00072	0.034499	0.112956
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0.106364	0.012623	0.082905	-0.0365	0.059256	-0.01177	-0.11873	-0.02191	-0.01243
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0.012853	-0.05699	-0.09679	0.052186	0.060075	-0.0304	0.072051	0.059647	0.093265
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0.120026	0.033313	0.018596	-0.00883	0.113207	0.02544	-0.0704	-0.01766	0.082873
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0.027675	-0.05981	0.106545	-0.01372	-0.01641	-0.06575	-0.09886	0.019381	-0.0641
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0.096831	0.01744	-0.05221	0.031484	0.114848	0.024586	0.017277	0.019916	0.122561
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0.081382	-0.01676	0.090248	-0.04573	0.056685	-0.03041	-0.10806	-0.0304	0.021064
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0.046073	-0.02464	-0.09972	0.046565	0.065024	-0.01687	0.090589	0.042238	0.078965
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0.115167	0.023172	0.035748	-0.03316	0.111362	0.015756	-0.05382	-0.03157	0.103546
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0.114584	0.032712	-0.03611	0.006606	0.116601	0.029193	0.03523	0.004336	0.118971
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0.050031	-0.04949	0.089998	-0.05004	0.05246	-0.04675	-0.09194	-0.04555	0.048149
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0.055403	-0.00226	-0.11822	0.031638	-0.00971	-0.02343	0.113935	0.007925	-0.07579
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0.031992	-0.06607	0.017291	-0.10478	0.059539	0.079264	0.063325	0.006547	-0.01171
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0.024913	-0.1126	-0.0065	-0.07689	0.011877	0.018686	0.017262	-0.04574	0.003274
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0.066511	0.043334	-0.04729	-0.00677	-0.0117	0.051154	0.036184	0.073601	-0.08468
0.00215	0.042315	0.032042	0.081946	0.053452	-0.10632	0.054438	-0.10935	-0.03738
0.007614	6.13E-05	-0.06076	0.016489	-0.10196	-0.02235	-0.12208	-0.0155	0.114427
0.023234	-0.11299	-0.00643	-0.11855	0.01479	0.096836	0.032159	0.051651	-0.03103
-0.10797	0.040732	0.110632	0.024642	0.091606	-0.00341	0.057992	0.022768	-0.02326
0.081646	0.083139	-0.08155	0.05617	-0.0645	-0.01962	-0.02915	0.014513	-0.02245
0.030557	-0.02725	-0.0053	0.019411	0.016233	-0.06562	0.023776	-0.1033	-0.00982
-0.05434	-0.0311	0.006884	-0.02315	-0.04197	0.018584	-0.08381	0.022671	0.109251
0.029767	-0.06071	-0.01347	-0.09496	0.010582	0.111128	0.040286	0.103661	-0.06676
-0.07136	0.069489	0.093273	0.071113	0.098909	-0.06562	0.088186	-0.05261	-0.0668
0.073375	0.075043	-0.09324	0.073191	-0.10146	-0.05774	-0.09481	-0.03261	0.069599
0.039542	-0.09296	-0.02379	-0.06314	-0.00587	0.02317	0.00603	-0.02213	-0.00065
-0.10236	-0.02691	0.074685	-0.03037	0.038674	0.034002	4.83E-05	0.042109	0.032924
0.046233	0.016343	-0.0344	-0.02272	-0.0141	0.05686	0.017037	0.077954	-0.05805
-0.02106	0.057666	0.047258	0.077944	0.064109	-0.09445	0.066816	-0.10594	-0.05286
0.036998	0.031229	-0.06842	0.042039	-0.09533	-0.04233	-0.11512	-0.02965	0.122709
0.035608	-0.11862	-0.02521	-0.1162	-0.00901	0.101857	0.00986	0.075452	-0.02361
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0.064598	0.078357	-0.06246	0.053059	-0.05465	-0.02343	-0.03789	0.005492	0.008606
0.023476	0.00425	-0.0032	0.030398	0.013748	-0.0573	0.021434	-0.08362	-0.01286

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0.030381	-0.08754	-0.02209	-0.10515	-0.00694	0.115019	0.016613	0.113699	-0.04692
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0.071123	0.094008	-0.0798	0.085799	-0.08702	-0.06963	-0.09086	-0.04564	0.086726
0.047558	-0.06392	-0.03504	-0.04641	-0.02082	0.025706	-0.00857	0.001753	0.004525
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0.034959	-0.01729	-0.02965	-0.0401	-0.01957	0.061275	-0.00112	0.077612	-0.0291
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0.05237	0.066619	-0.06659	0.06974	-0.0824	-0.06621	-0.09994	-0.05308	0.116799
0.054128	-0.10846	-0.04767	-0.10593	-0.03644	0.101552	-0.02025	0.094363	0.000195
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0.041048	0.06077	-0.03911	0.04657	-0.03665	-0.03109	-0.03168	-0.01569	0.021569
0.002854	0.038128	0.005485	0.04906	0.010363	-0.0615	0.008424	-0.07503	0.005395
0.01975	0.002133	-0.033	0.003932	-0.04711	-0.00086	-0.06155	0.010285	0.072981
0.037088	-0.11633	-0.03022	-0.1235	-0.01626	0.129288	0.007895	0.130376	-0.04477
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0.073686	0.111168	-0.08017	0.103864	-0.09136	-0.09082	-0.10706	-0.06852	0.123966
0.054154	-0.06648	-0.04977	-0.06782	-0.04201	0.070295	-0.02941	0.072923	0.01012
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0.036825	0.008703	-0.03578	0.006473	-0.03495	-0.00276	-0.03394	0.002855	0.031664
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0.017767	0.018047	-0.01745	0.015136	-0.0177	-0.01148	-0.01821	-0.0068	0.01821
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0.016657	0.018487	-0.01704	0.016701	-0.01815	-0.01394	-0.01985	-0.00972	0.021482

0.016383	-0.10721	-0.02723	-0.09391	-0.07063	-0.07144	0.031056	0.088299	0.042379
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0.026988	-0.10584	-0.00395	-0.09446	-0.08027	-0.03137	0.065238	0.051888	-0.04412
0.091201	0.053911	0.100573	0.031904	0.014722	0.104326	0.009903	-0.09656	-0.06885
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0.08558	-0.02304	0.096147	-0.05717	-0.08941	0.077631	0.124074	-0.00945	-0.14585
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0.0111	0.045752	-0.00101	0.039336	0.042615	-0.01616	-0.0592	0.011828	0.101281
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0.121007	-0.00513	0.113348	-0.02943	-0.03999	0.08602	0.042752	-0.05171	-0.03856
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0.023519	-0.01092	0.046749	-0.04666	-0.07966	0.034284	0.103595	0.021285	-0.09693
0.007583	-0.06901	-0.00458	-0.03447	-0.00392	0.010653	-0.01357	-0.04964	-0.0091
0.070858	0.032667	0.04766	0.026482	0.032532	0.02317	-0.045	-0.01876	0.061467
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0.108639	-0.04071	0.107352	-0.07194	-0.08535	0.072607	0.084789	-0.02111	-0.06084
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0.112276	-0.01145	0.07997	-0.01371	0.005011	0.041673	-0.03315	-0.03647	0.051388
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0.059559	-0.0391	0.075864	-0.0847	-0.10763	0.045541	0.105637	0.004599	-0.07671
0.014154	-0.02104	0.027761	0.024476	0.052595	0.072478	-0.04933	-0.1151	-0.01343
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0.114991	-0.05543	0.089705	-0.06357	-0.03782	0.043619	-0.00731	-0.03439	0.049388
0.007238	0.082672	0.032841	0.106923	0.096292	0.067598	-0.05396	-0.05556	0.011896
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0.083124	-0.01509	0.01998	0.012775	0.056212	-0.02611	-0.09643	0.0132	0.120976
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0.03161	0.026055	0.060506	0.068965	0.079437	0.095778	-0.05104	-0.08269	0.006534
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0.021908	0.109388	0.041961	0.105099	0.058486	0.036794	0.004484	0.033802	-0.01648
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0.016152	-0.02701	0.066052	0.018026	0.043813	0.11168	-0.03494	-0.10231	0.002345
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0.079842	-0.09409	0.048124	-0.0838	-0.01221	0.003849	-0.07248	-0.0305	0.109649
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0.034334	0.114271	0.030616	0.072529	-0.00325	-0.02006	0.059373	0.09742	-0.03252
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0.050297	0.007434	0.100822	0.04667	0.057756	0.097261	-0.03189	-0.01495	0.023683
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0.051419	-0.01206	0.122109	0.012221	0.040906	0.060224	-0.03346	0.062222	0.035024
0.009957	-0.00376	-0.0567	0.098152	0.073626	-0.03313	0.041721	0.024335	-0.11937
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0.117221	0.035528	0.012874	0.041226	-0.0068	-0.11405	0.035488	0.059981	-0.00423
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0.038118	-0.02813	0.117927	-0.02594	0.041379	0.003013	-0.0472	0.104583	0.011422
0.011284	-0.01705	-0.01312	0.112308	0.048577	0.002549	0.098028	0.019918	-0.08399
0.055307	0.04782	-0.08162	-0.01277	-0.06108	-0.08956	0.004186	-0.064	0.034527
-0.0816	0.064319	0.039233	-0.05645	-0.07244	0.081086	-0.03408	-0.01464	0.095746
-0.04555	-0.11289	-0.00746	-0.02182	0.099228	0.052077	-0.04335	0.007573	-0.09258
0.115997	-0.01282	0.056054	0.030743	0.033437	-0.10125	0.015624	0.080772	-0.02114

-0.02008	0.082496	-0.02487	0.08359	-0.06817	0.021179	0.099758	-0.03618	0.042673
-0.03527	-0.0045	-0.09704	-0.07546	-0.02748	0.008386	-0.06783	-0.09833	0.010467
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-0.0061	-0.0725	0.016782	0.084309	0.082488	0.022991	0.075246	0.041701	-0.08911
0.10552	0.026191	-0.05435	0.027441	-0.03111	-0.11228	0.025834	-0.04366	0.01273
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0.074956	-0.04422	0.085542	-0.00799	0.058512	-0.07539	-0.01389	0.092537	-0.03401
0.009707	0.033364	0.003258	0.113048	-0.03064	0.004977	0.114324	-0.00674	0.031654
0.016899	0.027016	-0.11471	-0.03297	-0.04731	-0.01952	-0.03584	-0.11162	0.013811
-0.05199	0.04325	0.068039	-0.08845	-0.02415	0.040126	-0.08733	0.054137	0.041552
-0.05149	-0.09745	0.026297	0.035163	0.096716	0.053071	0.045096	0.053345	-0.08911
0.121886	-0.02031	-0.01171	0.040133	0.011201	-0.12036	0.034923	-0.01807	-0.01098
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-0.07331	-0.02662	-0.07782	-0.06651	0.021691	0.076404	-0.06205	-0.04501	-0.05503
0.017777	-0.03736	0.089791	-0.05798	0.060892	-0.04402	-0.04772	0.093014	-0.04219
0.000437	-0.02684	0.038271	0.11011	0.013105	0.005203	0.114962	0.025654	0.019123
0.075278	0.018508	-0.10582	0.015598	-0.04359	-0.05069	-0.00088	-0.11324	0.012627
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0.095673	-0.06154	0.028891	0.019604	0.053136	-0.11143	0.029858	0.008269	-0.03505
0.019842	0.077272	0.014682	0.078918	-0.09511	-0.00396	0.050366	-0.02764	0.116131
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0.107658	-0.02322	-0.07333	0.048642	-0.01742	-0.07602	0.030842	-0.10315	0.006791
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0.044028	-0.07028	0.051005	-0.02559	0.082101	-0.08804	0.011736	0.030756	-0.05793
0.019681	0.019364	0.048779	0.101596	-0.06035	-0.02404	0.073995	-0.01009	0.111395
0.032502	0.018532	-0.12335	0.004795	-0.0422	0.038292	-0.02659	-0.09492	-0.01413
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0.097619	-0.0719	-0.03084	0.051233	0.023326	-0.08806	0.053729	-0.08311	-0.00334
0.037352	0.104999	0.010843	0.02143	-0.11377	-0.01559	-0.04893	-0.02529	0.085513
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0.077457	-0.01549	-0.10817	0.050891	-0.04343	0.007106	0.005691	-0.10832	0.003949
0.010549	0.10795	0.001918	-0.08682	-0.04195	-0.00061	-0.11602	0.030816	-0.03776
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0.054714	-0.09691	0.003626	0.021491	0.066407	-0.08323	0.063874	-0.05645	-0.01693
0.047641	0.055805	0.037792	0.064003	-0.10295	-0.04685	-0.01867	-0.03639	0.094285
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0.082991	-0.06815	-0.07304	0.076404	-0.02141	-0.02052	0.040598	-0.11044	0.018586
0.054976	0.111313	-0.01017	-0.04019	-0.07814	-0.01734	-0.11385	-0.00162	-0.02853
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0.008422	-0.081	0.01581	-0.0286	0.098879	-0.06284	0.059778	-0.0275	-0.03299
0.016657	0.001685	0.076798	0.078526	-0.07138	-0.07021	0.011226	-0.03604	0.098036
0.039088	0.005203	-0.1062	0.040618	-0.05609	0.084156	-0.02384	-0.0294	-0.01406
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0.076932	0.075684	0.004172	0.011809	-0.09591	-0.04563	-0.09794	-0.03265	-0.0168
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0.058039	-0.0469	-0.08551	0.083599	-0.06227	0.053365	-0.0012	-0.0519	0.010604
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0.004852	-0.11157	-0.00838	0.032057	0.060918	-0.03606	0.09409	-0.08024	0.034662
0.057735	0.022941	0.039744	0.047651	-0.08993	-0.07732	-0.07134	-0.05784	-0.00394
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0.011366	0.029559	-0.03069	-0.1071	0.09909	-0.00143	0.01604	0.018995	-0.06803
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0.036279	-0.09898	-0.04967	0.101588	-0.04466	0.023772	0.029551	-0.06669	0.034956
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0.085534	0.079676	0.014494	0.015617	0.070026	0.003872	0.079145	0.047173	0.044988
0.060891	0.083056	0.009688	-0.00689	-0.02081	0.008815	0.018589	-0.02063	-0.02621
-0.0831	-0.06428	-0.02158	-0.01377	-0.07819	0.011098	-0.10034	-0.03778	-0.04313
-0.08296	-0.10793	-0.00691	0.011484	0.035728	-0.02079	-0.0121	0.031085	0.026958
0.120768	0.093166	0.028992	0.012876	0.089511	-0.01318	0.130673	0.034163	0.049747
0.052511	0.113343	-0.00011	-0.01749	-0.07562	0.031405	-0.02883	-0.04636	-0.05486
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0.075282	0.143411	0.034518	0.001312	0.020399	-0.01235	0.094279	-0.00234	-0.02948
0.024526	0.004518	-0.01927	-0.03223	-0.09084	0.034895	-0.05625	-0.08308	-0.01288
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0.072771	0.077847	0.026586	-0.02496	-0.01387	-0.01368	0.095602	-0.07292	-0.00436
0.051089	0.032041	-0.03896	-0.01955	-0.06973	0.076259	-0.08281	-0.03453	0.034115
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0.029664	0.075329	0.000737	-0.03811	-0.07114	0.028078	0.028419	-0.09446	0.001217
0.042922	-0.03445	-0.04465	0.000792	-0.00642	0.067926	-0.07668	0.018098	0.076564
-0.0045	-0.00849	0.014525	0.042785	0.070815	-0.03638	-0.01027	0.102257	-0.03602
-0.08944	-0.00384	0.038404	-0.01923	-0.04329	-0.06907	0.048869	-0.06577	-0.09522
0.034595	-0.01526	-0.02785	-0.03769	-0.0367	0.055389	0.018428	-0.0812	0.098147
0.085507	0.053594	-0.02753	0.036883	0.060177	0.06183	-0.05013	0.105962	0.059132
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0.013063	0.013646	-0.04484	-0.00532	0.0039	0.089278	-0.02434	0.008408	0.113125
0.066681	0.032454	0.008061	0.048269	0.08741	-0.00604	-0.01041	0.108749	-0.0057
0.010682	0.02859	0.043274	-0.01089	-0.03885	-0.07375	0.02723	-0.04009	-0.11251
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0.020157	-0.03212	-0.03312	0.030101	0.094904	0.056741	0.003212	0.07782	0.126162
0.102354	0.126573	0.04535	0.04102	0.067116	-0.04231	0.037374	0.080958	-0.07163
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0.004684	0.046874	0.003697	0.062476	0.123793	0.012576	0.011558	0.13177	0.033015
0.066247	0.079014	0.061178	-0.0034	-0.00875	-0.08009	0.058577	-0.0258	-0.1052
0.024991	-0.01934	-0.02715	-0.06185	-0.11931	0.035138	-0.02485	-0.11248	0.015699
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0.056237	0.044576	-0.00374	-0.07686	-0.1144	0.02238	0.042323	-0.12567	0.01504
0.049083	-0.04031	-0.08078	0.009928	0.000767	0.113304	-0.09503	0.03631	0.088685
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0.094325	0.076146	-0.05507	-0.05958	-0.07207	0.113803	0.022409	-0.0646	0.104422
0.003937	-0.03576	-0.05417	0.060381	0.04209	0.066451	-0.13729	0.092749	-0.00681
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0.046272	0.015745	-0.08285	-0.01417	-0.01303	0.136115	-0.03228	-0.00249	0.101814
0.072006	0.003476	0.004275	0.084221	0.092322	-0.01061	-0.08565	0.1005	-0.04583

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0.087068	0.072492	-0.06519	0.051831	0.082495	0.12392	-0.0359	0.074947	0.079906
0.024288	0.020826	0.05972	0.060305	0.024336	-0.08896	-0.08409	0.047483	-0.13541
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0.032434	0.043711	-0.00986	0.086759	0.102024	0.033494	-0.05806	0.072799	-0.01463
0.088101	0.033681	0.084789	-3.04E-05	-0.02119	-0.11466	-0.00576	-0.01329	-0.08384
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0.073547	0.103261	0.058657	0.081383	0.101982	-0.04101	-0.00894	0.053043	-0.0316
0.039021	0.033335	0.057533	-0.06631	-0.11808	-0.0768	-0.00808	-0.04885	-0.07091
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0.012732	0.070125	0.099489	0.022026	0.015558	-0.10145	0.006599	-0.0054	-0.05388
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0.054674	0.10077	0.09123	-0.04932	-0.02883	-0.0771	0.078244	-0.01657	0.024135
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0.033624	0.068651	-0.04508	-0.0992	-0.04	0.0666	0.116653	0.015918	0.074765
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0.055222	0.067042	0.057495	0.0979	0.016283	-0.02193	-0.11994	-0.03815	-0.04737
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0.059829	0.045537	0.056097	-0.09388	0.043864	0.064798	-0.10201	0.029856	-0.03654
0.04313	-0.04227	-0.10566	-0.03928	0.014304	-0.11869	-0.04119	0.001628	-0.05131
-0.01475	-0.06072	-0.01711	0.107309	-0.04269	-0.03338	0.127006	-0.02515	0.076078
-0.07232	0.074974	0.113362	0.001285	0.00451	0.13752	0.008974	0.017963	0.017501
0.00699	0.026603	-0.02366	-0.10941	0.045752	-0.0166	-0.12778	0.001028	-0.08485
0.104725	-0.0511	-0.10551	0.040485	-0.02027	-0.12582	0.030707	-0.01275	0.028106
-0.04156	-0.02375	0.060047	0.094046	-0.06089	0.057577	0.092331	0.014732	0.047055
-0.08109	0.014003	0.085068	-0.07693	0.062351	0.094664	-0.03421	-0.00558	-0.03086
0.040849	0.072732	-0.08865	-0.06205	0.050168	-0.07727	-0.06714	-0.01043	-0.01769
0.050411	-0.0365	-0.05451	0.09743	-0.10734	-0.06654	0.021236	0.012793	0.010276
0.004451	-0.09282	0.106204	0.0244	-0.00315	0.092169	0.069707	0.006015	0.020676
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-0.01717	0.056056	-0.10906	0.011148	-0.03916	-0.10709	-0.05772	-0.00962	-0.01036
0.108455	-0.06871	0.02149	0.096984	-0.0984	0.011823	0.054202	0.030666	0.025312
-0.01637	-0.03982	0.096637	-0.04545	0.056246	0.099964	0.013967	-0.00013	-0.03122
-0.08711	0.033376	-0.05392	-0.0805	0.09335	-0.06306	-0.03714	-0.04759	0.008603
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0.052595	-0.05109	0.076507	0.049503	-0.08844	0.090228	-0.00178	0.039551	-0.0659
0.024507	-0.09184	0.041395	-0.09419	0.118522	0.017734	-0.01033	-0.05828	-0.0175
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0.106455	-0.08124	0.086789	-0.0241	0.009066	0.097608	-0.01304	-0.00942	-0.07701
0.008525	-0.01768	-0.02883	-0.0809	0.114904	-0.0554	-0.02952	-0.06212	0.026125
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0.049355	-0.03301	0.046348	-0.07396	0.051073	0.060197	-0.08488	-0.05583	-0.10668
0.042337	-0.06745	-0.07531	-0.03417	0.065923	-0.13717	-0.01189	-0.05602	0.095164
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0.097391	-0.0464	-0.01605	-0.08537	0.09367	-0.0352	-0.0881	-0.10328	-0.01912
0.030562	-0.00601	-0.07678	0.035164	-0.01745	-0.1257	0.019284	0.02837	0.124522
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0.038639	0.020132	-0.06946	-0.04519	0.032215	-0.09728	-0.11937	-0.06998	0.027735
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0.051287	-0.04831	0.019787	0.075513	-0.08822	0.010572	0.090534	0.123096	0.016219
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0.021874	0.031939	-0.05971	0.057996	-0.11676	-0.08372	-0.06272	0.086793	0.046392
0.072112	-0.13385	0.06087	0.032432	-0.0441	0.056814	0.092263	0.064292	-0.06815
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0.072076	-0.07961	0.06771	-0.01271	0.039454	0.085891	0.084102	-0.00481	-0.07916
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0.007915	-0.00948	0.031181	0.044293	-0.10575	0.056588	0.004904	0.105208	-0.10634
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0.082069	-0.03198	-0.00129	-0.04974	0.109553	-0.01496	0.005373	-0.11391	0.043517
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0.010645	0.021808	-0.01907	0.043982	-0.04356	-0.03788	0.038763	0.097781	0.084879
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0.022055	-0.01894	0.003005	-0.04717	0.06652	0.00879	-0.03803	-0.11711	-0.02581
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0.030839	-0.09451	0.039864	-0.00802	0.04126	0.036664	0.101891	-0.01107	-0.03301
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0.095891	-0.0666	0.029511	-0.02027	0.108883	0.022655	0.132247	-0.05346	0.056192
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0.110258	-0.11541	0.018681	0.002333	0.014358	-0.00656	0.067041	0.007385	-0.00015
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3.47E-05	-0.00443	-0.00035	-0.0005	-0.00127	-0.00157	-0.0024	-0.00172	-0.00171
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0.047545	0.029396	0.019839	-0.04076	0.103702	0.066344	-0.02504	0.003572	0.078084
0.032206	-0.04295	-0.04982	0.004795	0.039001	-0.10921	-0.00856	0.011589	-0.0535
-0.04483	-0.03026	-0.01283	0.053688	-0.13837	-0.04376	0.021508	-0.02306	-0.06235
-0.03523	0.042116	0.072489	-0.01765	0.003316	0.152051	-0.00763	0.011189	0.053909
0.047891	0.033313	-0.00954	-0.07256	0.147586	-0.03064	-0.01641	0.013598	0.046588
0.036997	-0.04592	-0.09336	0.049242	-0.05969	-0.13108	0.018281	-0.00847	-0.05219
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0.062948	0.033599	-0.09799	-0.05586	0.069736	-0.07624	-0.0101	0.039496	0.019389
0.029802	-0.06485	-0.05284	0.118364	-0.06352	-0.04004	0.059426	-0.00315	-0.02095
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0.081055	0.011026	-0.1259	0.003836	0.052051	-0.07761	0.034854	0.049974	0.035846
0.001898	-0.08161	0.008881	0.136093	-0.07231	-0.01162	0.060466	-0.03922	-0.02602
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0.061424	0.048014	-0.12277	-0.07413	-0.01071	0.014675	-0.05719	0.07943	0.039822
0.033992	-0.07129	-0.03931	0.121787	0.060305	0.01855	0.087217	0.062862	0.014387
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0.094857	-0.01746	-0.06085	-0.02243	-0.06003	0.095322	-0.11267	0.010447	0.04804
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0.076728	0.088103	-0.01159	-0.0218	-0.07592	0.033549	0.002136	-0.10853	0.071196
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0.086366	0.092896	0.016189	0.009201	0.011361	0.103296	0.092461	-0.05761	0.068521
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0.026618	0.040164	0.098734	-0.03059	0.034829	0.101846	0.061407	0.015251	-0.04787
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0.079546	0.025806	0.083004	0.010116	0.011823	0.018687	0.01973	0.102199	0.088539
0.004355	-0.0895	0.014449	-0.09302	0.048564	-0.02803	0.107449	-0.03372	0.001366
-0.09071	0.011547	-0.09387	0.013873	-0.00164	-0.00136	-0.02398	-0.10082	-0.08504
0.034963	0.094536	0.007124	0.101485	-0.05148	0.008862	-0.11728	0.03214	-0.00552
0.086781	-0.05148	0.106843	-0.03767	0.007795	0.013238	0.0398	0.117392	0.092637
-0.07183	-0.08484	-0.03792	-0.11082	0.048631	-0.02655	0.123149	-0.05872	0.004447
-0.07062	0.088151	-0.11502	0.074612	-0.02462	0.009373	-0.0658	-0.11131	-0.10897
0.103197	0.061573	0.085894	0.104728	-0.01523	0.029746	-0.11192	0.084466	0.014164
0.043847	-0.11623	0.094328	-0.1169	0.006548	-0.05759	0.083308	0.081821	0.115298
-0.12612	-0.028	-0.12618	-0.072	-0.00889	0.026802	0.094663	-0.07873	-0.04013
-0.00762	0.131605	-0.04857	0.140157	0.041682	0.055194	-0.08918	-0.07053	-0.10572
0.135161	-0.01088	0.136658	0.02987	-0.01367	-0.08677	-0.08494	0.067924	0.057999
-0.03231	-0.13216	0.006585	-0.14034	-0.06635	0.002922	0.098464	0.082634	0.092876
-0.12762	0.049054	-0.13011	0.002689	0.051611	0.087213	0.073787	-0.08542	-0.07124
0.067184	0.118444	0.02378	0.134429	0.056972	-0.042	-0.11253	-0.07729	-0.08086
0.107423	-0.08083	0.123555	-0.03175	-0.06482	-0.06548	-0.04912	0.108071	0.088635
-0.09222	-0.09347	-0.05864	-0.12506	-0.05555	0.044655	0.114224	0.045618	0.058005
-0.08037	0.102061	-0.10497	0.065963	0.075655	0.07686	0.022082	-0.10045	-0.10057

0.107226	0.061793	0.094815	0.097465	0.067939	-0.07286	-0.09973	-0.02748	-0.02323
0.049231	-0.11062	0.061211	-0.09011	-0.11638	-0.08337	-0.00938	0.0822	0.092358
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0.102358	-0.00098	0.087033	0.01938	-0.00866	-0.15689	-0.08187	-0.03031	0.01682
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0.026813	0.070398	0.02583	0.054951	0.112491	-0.07229	-0.01962	-0.09159	-0.0378
0.060496	-0.03498	0.049351	-0.00996	-0.06158	-0.07271	-0.05092	0.024037	0.029198
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0.033212	0.025802	0.048649	0.017087	0.084175	-0.08446	-0.00827	-0.05251	0.003765
0.021092	-0.03232	-0.00648	-0.02454	-0.09815	-0.04925	-0.03334	0.009802	0.010101
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0.016952	7.77E-05	0.004933	-0.01137	-0.01304	-0.08154	-0.01515	-0.03995	0.000847
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0.001909	-0.00012	-0.00117	0.000136	-0.00586	-0.00459	-0.00354	-0.0019	-0.00129
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0.012131	0.010932	0.00428	0.037289	0.032129	-0.00166	-0.0075	-0.00608	-0.0501
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0.013431	0.031615	0.007289	0.07275	0.091318	-0.0108	-0.01985	-0.02742	-0.10924
0.002196	0.001947	-0.02528	0.048467	-0.10687	0.024016	-0.00752	0.12236	-0.00026
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0.032089	-0.05189	-0.00724	-0.03943	-0.07233	0.024516	0.017906	-0.00321	0.091877
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0.020767	0.002277	-0.04958	0.086898	-0.03294	0.027152	-0.03053	0.05901	-0.01557
0.046595	-0.07177	0.017435	-0.07193	-0.09153	0.025294	0.03834	-0.01188	0.091952
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0.098144	-0.09307	-0.0105	-0.02475	0.006777	0.037596	0.012377	-0.0947	0.043987
0.038019	-0.0055	0.084368	-0.00486	0.012054	-0.01069	0.039493	0.013789	-0.07236
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0.121379	-0.05306	0.044009	0.063902	0.064369	0.027087	0.012418	-0.01253	-0.08141
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0.053462	-0.02086	-0.04464	0.042405	0.124929	0.008893	-0.0419	-0.05564	-0.09602
0.088997	-0.03407	0.023205	0.10532	-0.07254	0.047686	0.009855	0.123587	-0.02561
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0.047592	-0.00964	-0.06762	0.095439	0.029875	0.031286	-0.05413	0.091629	-0.06055
0.088041	-0.06425	0.034026	0.045267	-0.06482	0.048838	0.031031	0.00414	0.068021
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0.065527	-0.02088	-0.07484	0.123007	0.030462	0.046446	-0.05852	0.044271	-0.01179
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0.066778	-0.07584	-0.09294	0.065223	-0.09434	0.078614	-0.03742	0.051463	0.087561
0.088991	-0.09778	0.102589	-0.06418	-0.00337	0.024732	0.081937	-0.11335	0.014778
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0.120284	-0.13512	-0.01112	0.005863	-0.00716	0.077862	0.008059	-0.0181	-0.03211
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0.065607	-0.06682	0.041964	0.10682	-0.01226	0.07965	0.025397	0.005289	0.063436
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0.04668	-0.01957	-0.08373	0.099232	0.089809	0.044189	-0.0929	0.041299	-0.00802
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0.039798	-0.11652	0.019271	0.010231	0.123533	0.087157	-0.01093	-0.02687	-0.08685
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0.033372	-0.04194	-0.08569	-0.0807	0.076442	-0.01218	-0.09164	-0.06744	-0.08924
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0.069891	0.060038	-0.0249	0.014396	-0.09115	-0.09778	0.042673	-0.05494	0.093978
0.050495	-0.04564	-0.047	-0.0929	0.002858	-0.04264	-0.0964	-0.06936	-0.08995
-0.08375	-0.04274	0.029049	-0.00111	0.066786	0.104468	-0.03717	0.115779	-0.02425
-0.04226	0.052686	0.036228	0.094592	0.012182	0.032637	0.099483	-0.02973	0.102279
0.087849	0.023844	-0.03821	-0.01377	-0.09616	-0.10431	0.031841	-0.07452	-0.05046
0.040794	-0.05925	-0.01658	-0.10667	0.020121	-0.02848	-0.10101	0.071959	-0.04974

-0.09471	0.006698	0.039533	0.059946	0.110379	0.106492	-0.03161	0.009418	0.062696
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0.116623	-0.02931	-0.02137	-0.09319	-0.04138	-0.11963	0.027553	-0.0059	-0.05208
0.032926	-0.01489	0.017424	-0.01407	0.101794	-0.01855	-0.1258	0.04379	-0.00602
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-0.00371	-0.00434	-0.00725	-0.02141	-0.03218	-0.00352	0.134422	-0.08069	-0.0304
0.140486	-0.00767	0.004225	-0.01949	0.033035	-0.1334	-0.01144	0.057372	-0.07174
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0.035897	-0.00046	-0.00171	-0.00052	-0.0058	-0.03442	0.127636	0.04395	-0.10384
0.129881	0.000502	0.001876	0.004677	0.009503	-0.12494	-0.04306	0.0765	0.075215
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0.080241	0.007834	0.009741	0.011999	0.069931	-0.0691	0.113305	0.061927	0.020647
0.102639	0.019715	-0.01121	0.070008	-0.02573	-0.10634	-0.07817	-0.03282	0.053736
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0.086695	0.050459	-0.01697	0.114083	0.015266	-0.07892	0.077398	0.048412	0.044326
0.058777	-0.03099	-0.02914	-0.01094	-0.11553	-0.07725	-0.07811	-0.05456	0.041004
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0.080978	0.023708	-0.04943	0.080696	-0.03882	-0.08296	0.068277	-0.05371	0.093138
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0.068482	-0.00999	-0.07069	0.066583	-0.0932	-0.08621	0.057257	-0.07374	-0.05146
0.031105	-0.09241	0.033964	-0.10412	-0.04136	-0.05806	-0.08253	0.06735	-0.04869
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0.072905	-0.08166	-0.0534	-0.03615	-0.05948	-0.10265	0.060677	-0.01164	-0.05227
0.035496	-0.0484	0.083115	-0.03167	0.064631	-0.05496	-0.10856	0.045408	-0.00599
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0.082978	-0.08258	-0.01471	0.003897	0.011345	-0.12223	0.030846	0.056903	-0.0713
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0.00296	-0.00524	-0.08439	-0.01195	-0.01203	0.010762	0.126699	0.041864	-0.1029
0.077308	-0.0783	0.011595	0.019395	0.031251	-0.12707	0.00145	0.076637	0.07604
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0.0422	-0.0245	-0.05871	-0.0223	0.094061	-0.02924	0.123889	0.05976	0.021419
0.051296	-0.03688	0.017149	0.114395	0.00757	-0.11683	-0.04094	-0.02769	0.052876
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0.044522	0.011351	-0.06537	0.086172	0.067966	-0.04564	0.092128	0.053367	0.045247
0.003758	-0.06075	0.003353	0.0653	-0.09035	-0.09115	-0.04932	-0.05564	0.040207
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0.00586	0.072984	-0.01376	-0.04678	0.064628	0.088502	0.052285	0.109595	0.016466
0.030494	0.000812	-0.08256	0.093551	0.037471	-0.05472	0.079489	-0.0526	0.092637
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0.039308	0.102491	-0.02522	0.005194	0.12452	0.070066	0.054286	-0.02386	0.101547
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0.030123	0.058594	0.114957	-0.05611	0.095042	0.054551	-0.07292	0.015522	0.061957
0.020626	0.118052	-0.08527	0.056716	-0.00469	0.077545	0.057931	-0.03727	0.013027
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0.032441	0.111617	0.074408	-0.00494	-0.0091	0.082613	-0.07009	0.01566	0.070921
0.017291	0.067007	-0.11369	-0.0082	0.005033	0.062044	0.085151	-0.08787	-0.03182
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0.04868	0.129701	0.041634	-0.0037	0.001877	0.092694	-0.0506	-0.11675	0.001735
0.000426	0.020078	-0.13199	-0.03741	-0.03156	0.046076	0.100883	0.040261	-0.101
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0.037459	0.105308	-0.01053	-0.0614	-0.10418	0.110595	-0.01661	0.005418	-0.08589
0.017082	-0.02641	-0.10235	-0.07863	0.087047	0.007004	0.110038	0.057997	0.023291
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0.072467	0.070912	-0.0049	-0.12507	0.015262	0.089321	0.015755	0.012632	-0.04336
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0.088222	0.073597	-0.01386	-0.10891	0.015656	0.080278	0.02572	0.113506	0.018936
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0.02083	-0.00485	0.096244	-0.09312	-0.08445	0.028709	-0.06041	0.111239	-0.02082
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0.080809	0.034603	0.125696	-0.05923	0.05387	0.019269	-0.06285	0.018634	0.05951
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0.101038	0.085925	0.099266	-0.01012	-0.01261	0.040529	-0.06671	0.020377	0.069238
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0.123161	0.124453	0.07052	0.028505	0.006673	0.050422	-0.06133	-0.11497	-0.00231
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0.018298	0.040231	-0.07828	-0.02062	-0.10243	0.04426	0.022115	0.053343	-0.08783
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0.040119	0.044573	-0.02013	-0.00097	-0.06899	0.030723	-0.00542	0.013849	-0.06242
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0.073252	0.08354	0.105358	0.005219	0.090942	0.083269	-0.11515	0.022131	-0.11654
0.051063	-0.03856	-0.00878	-0.07476	0.027258	-0.07086	0.052087	0.076185	0.015295
-0.06966	-0.04369	-0.06711	0.035789	-0.08214	-0.01134	0.046801	-0.07655	0.081698
-0.01848	0.027769	0.028553	0.023126	0.031592	0.04515	-0.06742	0.008303	-0.08032
0.055774	0.050397	0.04226	-0.01155	0.030027	-0.0043	0.010829	0.035745	0.006017
0.015771	-0.05759	-0.03333	-0.03669	-0.02192	-0.03473	0.03642	-0.01829	0.048967
-0.07881	-0.03019	-0.03962	0.030353	-0.02557	0.008192	-0.01736	-0.0128	-0.03377
0.030375	0.09861	0.070077	0.041388	0.030146	0.052715	-0.03291	-7.79E-05	-0.0134
0.072018	-0.05485	-0.00677	-0.08987	0.028002	-0.06087	0.035303	0.043171	0.020643
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0.012051	0.109138	0.086996	0.068733	0.03831	0.097911	-0.0803	-0.02454	-0.04598
0.087905	-0.04607	0.009685	-0.11701	0.063211	-0.08025	0.036659	0.096245	-0.00329
-0.09091	-0.05974	-0.10285	0.043454	-0.11287	-0.03376	0.069155	-0.0738	0.077499
-0.00197	0.088082	0.081556	0.07418	0.039914	0.117679	-0.1115	-0.03823	-0.07565
0.079476	-0.01687	0.02944	-0.10554	0.081915	-0.07273	0.028452	0.122164	-0.02181
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-0.02679	0.03085	0.039802	0.057796	0.023655	0.097701	-0.1089	-0.03939	-0.0886
0.046834	0.031565	0.047134	-0.05102	0.075486	-0.03615	0.011381	0.110006	-0.02986
0.014473	-0.02602	-0.04766	-0.00897	-0.07268	-0.04474	0.083866	-0.06423	0.1158
-0.0503	-0.04752	-0.02399	0.021466	-0.00496	0.044465	-0.07391	-0.03013	-0.08052
-0.01059	0.070847	0.048743	0.026194	0.044845	0.014767	-0.01009	0.065918	-0.0288
0.084836	0.014956	0.018107	-0.04403	-0.00604	-0.0336	0.056737	-0.02459	0.090953
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-0.06816	0.07686	0.03383	0.09225	0.005077	0.063729	-0.03478	0.006558	-0.02625
0.115814	0.049295	0.072719	-0.0654	0.060759	-0.02047	0.022054	0.027843	0.047536
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0.093327	0.058788	0.096698	-0.06608	0.107034	-0.00863	-0.01046	0.07858	-0.00248
0.008504	-0.07778	-0.09365	-0.05546	-0.07309	-0.10009	0.091017	-0.01416	0.049809
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0.033597	0.044417	0.086979	-0.04309	0.119291	0.003896	-0.03479	0.110468	-0.04605
0.035431	-0.0096	-0.05089	-0.04383	-0.06352	-0.09686	0.116144	-0.01681	0.095473
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-0.03717	0.017505	0.049678	-0.00024	0.093108	0.018328	-0.04746	0.110905	-0.07256
0.051397	0.060485	0.012334	-0.02171	-0.03035	-0.06475	0.108625	-0.0153	0.119033
0.024588	-0.07726	-0.04972	-0.01933	-0.04264	0.02125	-0.04968	-0.07918	-0.04207
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0.051113	0.106948	0.074098	0.002675	0.017863	-0.01578	0.071666	-0.00489	0.113172
0.066111	-0.08362	-0.05278	-0.08427	-0.02679	-0.04249	-0.00936	-0.0418	-0.03352
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0.030173	0.110347	0.11009	0.021734	0.065439	0.032846	0.017363	0.015454	0.078747
0.081718	-0.05445	-0.03925	-0.11667	-0.00969	-0.09458	0.038924	0.000373	-0.01156
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0.063977	-0.00049	-0.01221	-0.10489	0.004466	-0.11777	0.08195	0.034047	0.021649
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0.019949	0.055241	0.02102	-0.05504	0.015139	-0.10384	0.106076	0.051156	0.058415
0.054482	-0.01941	-0.05242	0.007783	-0.09801	0.020252	-0.01362	-0.12306	-0.00017
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0.105885	0.006877	-0.01071	-0.05192	-0.05737	-0.01198	-6.22E-05	-0.11123	0.009881
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0.11282	0.028627	0.030906	-0.0958	-0.00187	-0.04707	0.017294	-0.06748	0.013462
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0.073139	0.039834	0.059291	-0.10571	0.049594	-0.07355	0.037246	-0.00606	0.01537
0.00989	-0.05322	-0.11108	-0.00371	-0.10021	-0.02265	-0.01814	-0.02739	-0.07938
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0.00298	0.037848	0.066658	-0.07582	0.081064	-0.08073	0.055554	0.053822	0.020429
0.048606	0.015225	-0.07272	-0.01299	-0.11719	-0.03943	0.020033	-0.07468	-0.0366
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0.069617	0.076327	-0.00834	-0.02246	-0.0959	-0.04431	0.04708	-0.10469	0.008488
0.031828	-0.09993	-0.04981	-0.00527	0.008329	0.081684	-0.11755	0.00345	-0.06151
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0.062782	0.105103	0.05834	-0.02989	-0.04239	-0.03997	0.058828	-0.10554	0.044006
0.060919	-0.09186	-0.07917	-0.05883	-0.01901	0.025222	-0.10834	0.003499	-0.10443
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0.029565	0.090468	0.103184	-0.03137	0.025991	-0.03044	0.056401	-0.07423	0.062748
0.06474	-0.04547	-0.08267	-0.08762	-0.04739	-0.03642	-0.06961	-0.00209	-0.12208
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0.043145	0.020854	-0.05678	-0.08324	-0.06687	-0.08349	-0.01307	-0.01588	-0.10921
0.014967	-0.03883	-0.05022	0.086616	-0.04228	0.103973	-0.04117	-0.00274	0.041684
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0.006101	0.080179	-0.00861	-0.05006	-0.06826	-0.10214	0.04467	-0.03525	-0.06928
0.082085	-0.02993	-0.05012	0.022905	-0.05488	0.098657	-0.07989	-0.04171	0.011396
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0.114677	-0.01083	-0.03682	-0.05055	-0.05107	0.060984	-0.10081	-0.06228	-0.02961
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0.099313	0.012783	-0.0149	-0.106	-0.03598	0.001574	-0.09538	-0.0621	-0.07095
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0.042575	0.033216	0.009723	-0.12225	-0.0167	-0.06089	-0.0625	-0.04614	-0.10014
0.026999	-0.02734	-0.10412	0.048965	-0.05907	0.047829	-0.02515	0.067937	0.004604
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0.070387	0.032834	-0.07948	0.021916	-0.1016	0.049563	-0.03878	0.005151	0.001748
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0.085988	0.077685	-0.0282	-0.01771	-0.10986	0.037839	-0.0506	-0.05695	-0.00462
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0.066224	0.089895	0.030464	-0.05609	-0.08298	0.012082	-0.05594	-0.09975	-0.01775
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0.018084	0.065959	0.075638	-0.07783	-0.03183	-0.02292	-0.04976	-0.11154	-0.03689
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0.021423	-0.03725	-0.00794	0.114664	0.028559	-0.07764	0.055785	-0.02246	-0.11692
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0.082031	-0.00394	-0.032	0.115447	0.031512	-0.01648	0.098993	-0.03078	-0.09187
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0.09073	0.04817	-0.04732	0.002516	0.029292	0.099082	0.097732	-0.02817	0.005776
0.012256	-0.0995	0.001936	0.029624	0.08553	-0.08337	-0.04726	-0.06113	-0.05123
-0.07762	0.033242	0.060605	0.007028	-0.1148	-0.03116	-0.03972	0.066533	0.030167
0.034043	0.049266	-0.0367	-0.06928	0.020304	0.116379	0.056439	-0.00743	0.050766
0.037626	-0.04304	-0.05744	0.056857	0.09077	-0.07513	0.001018	-0.02774	-0.09518
-0.02958	-0.02101	0.097414	0.04166	-0.09597	-0.04067	-0.0402	0.00324	0.034374
-0.03782	0.032992	-0.01708	-0.11538	0.003569	0.096786	0.003281	0.024255	0.07789
0.050063	0.030347	-0.09429	0.066779	0.068136	-0.0415	0.053781	0.004997	-0.11778
0.029076	-0.06915	0.100374	0.057794	-0.04462	-0.04071	-0.03869	-0.06108	0.035325
-0.09487	0.006414	0.006942	-0.11843	-0.01952	0.047879	-0.04618	0.057793	0.083007
0.043923	0.090528	-0.0967	0.052596	0.027907	0.009307	0.095649	0.027391	-0.11138
0.074262	-0.09084	0.066915	0.052767	0.022829	-0.03464	-0.03428	-0.10682	0.027305

-0.11261	-0.02065	0.029904	-0.07747	-0.04359	-0.01348	-0.07893	0.0809	0.068917
0.020353	0.112978	-0.06558	0.01633	-0.01525	0.061949	0.113277	0.035643	-0.07648
0.087814	-0.07569	0.007855	0.031831	0.083964	-0.0255	-0.02453	-0.12047	0.007193
-0.08292	-0.03895	0.046185	-0.00815	-0.06039	-0.06723	-0.08818	0.082719	0.043499
-0.01223	0.088825	-0.01354	-0.03066	-0.04784	0.09884	0.099927	0.032229	-0.02187
0.065093	-0.02852	-0.05604	0.004776	0.11814	-0.01461	-0.00734	-0.09898	-0.02331
-0.01814	-0.04274	0.050875	0.063285	-0.06168	-0.09703	-0.07474	0.058478	0.016331
-0.04138	0.028738	0.040283	-0.07108	-0.06197	0.106296	0.058088	0.023696	0.037849
0.016968	0.031984	-0.1013	-0.01853	0.113744	-0.00166	0.016957	-0.05044	-0.0573
0.054395	-0.03188	0.041231	0.110087	-0.04301	-0.09543	-0.04573	0.01223	-0.00486
-0.05589	-0.0417	0.077183	-0.08822	-0.05703	0.079716	-0.00092	0.016977	0.08672
-0.03571	0.081169	-0.1106	-0.03167	0.072249	0.013942	0.044351	0.008994	-0.08448
0.104654	-0.01139	0.018336	0.115204	-0.00666	-0.0656	-0.01138	-0.04356	-0.01667
-0.0497	-0.09353	0.085525	-0.07309	-0.03844	0.025891	-0.06031	0.015876	0.112249
-0.072	0.098727	-0.07976	-0.03329	0.007766	0.031074	0.067473	0.060876	-0.09455
0.11199	0.011511	-0.01237	0.077825	0.037695	-0.01936	0.018794	-0.09167	-0.02047
-0.02349	-0.10665	0.064669	-0.02884	-0.01451	-0.03858	-0.10297	0.019294	0.109055
-0.07882	0.076378	-0.01964	-0.02645	-0.05785	0.045987	0.077704	0.090583	-0.08106
0.072517	0.030236	-0.04237	0.013247	0.075594	0.027503	0.038808	-0.11578	-0.02098
0.014459	-0.07679	0.024258	0.029769	0.006997	-0.09261	-0.11678	0.022022	0.080103
-0.05417	0.021277	0.048267	-0.01605	-0.10285	0.053107	0.068508	0.09177	-0.0442
0.001401	0.039386	-0.06217	-0.05379	0.092904	0.060764	0.047175	-0.10639	-0.02332
0.048984	-0.01614	-0.02073	0.081319	0.02165	-0.1181	-0.0984	0.017688	0.035281
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-0.0711	0.03522	-0.0636	-0.09883	0.081105	0.072577	0.046189	-0.06463	-0.03021
0.064261	0.050437	-0.05575	0.105248	0.029204	-0.10631	-0.05428	0.002351	-0.01201
0.040248	-0.09401	0.115507	0.003643	-0.08749	0.02597	-0.00628	0.029453	0.062964
-0.11263	0.018478	-0.04308	-0.10619	0.040859	0.063204	0.039994	-0.00227	-0.04046
0.053483	0.09448	-0.07039	0.090075	0.031919	-0.06065	0.001824	-0.02285	-0.04924
0.068827	-0.10399	0.088989	0.012292	-0.03536	-0.00808	-0.05512	-0.00923	0.104753
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0.0222	0.097688	-0.06101	0.039535	0.031591	0.0045	0.053767	-0.051	-0.06868
0.067596	-0.07153	0.029763	0.019942	0.025049	-0.04622	-0.09376	-0.03689	0.121645
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-0.0181	0.061807	-0.03295	-0.02776	0.028275	0.067882	0.087872	-0.07118	-0.06928
0.041879	-0.0108	-0.03898	0.025798	0.073353	-0.07551	-0.10917	-0.0481	0.10823
0.01417	-0.03667	0.069375	0.042235	-0.10791	-0.01723	0.011206	0.123044	-0.03597
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0.003568	0.05591	-0.09191	0.028678	0.094314	-0.08439	-0.09432	-0.04393	0.067428
0.081603	-0.04069	0.081128	0.081734	-0.10848	-0.03383	-0.00417	0.101188	-0.00735
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0.11853	-0.03087	0.066742	0.090234	-0.0742	-0.03935	-0.02284	0.05105	0.030936
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-0.06543	0.110556	-0.09483	0.011098	0.051562	-0.02849	0.005274	-0.01687	-0.04651
0.102942	-0.00483	0.02547	0.067844	-0.01427	-0.03814	-0.04341	-0.01048	0.069309
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0.038011	0.025804	-0.03135	0.022405	0.054248	-0.03392	-0.06202	-0.06509	0.097232
0.033794	-0.05103	0.044079	0.025236	-0.05286	-0.03057	-0.02809	0.087615	0.001494
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0.063499	0.011275	0.016498	0.09088	-0.05969	-0.08096	-0.05187	0.111673	0.005043
0.009674	-0.07268	0.085547	-0.04894	-0.06365	0.107195	0.120169	-0.00835	-0.09992
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0.071022	0.058314	-0.01089	0.11883	-0.04807	-0.10108	-0.06048	0.101405	0.011828
0.032726	-0.1034	0.102242	-0.0477	-0.06507	0.099219	0.096742	-0.00511	-0.0678
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0.063609	0.074109	-0.02427	0.104487	-0.02496	-0.08419	-0.05076	0.059665	0.020538
0.043244	-0.10238	0.084951	-0.03495	-0.04561	0.062178	0.047156	0.00206	-0.02234
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0.028237	0.071448	-0.03411	0.059011	0.007864	-0.04739	-0.03384	0.002251	0.031849
0.055841	-0.0685	0.052176	-0.00366	-0.02613	0.011378	-0.00516	0.017681	0.015721
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0.049567	0.008501	0.000677	0.045965	-0.01153	-0.05039	-0.05205	0.045101	0.037214
0.050688	-0.06266	0.081552	0.002412	-0.08186	0.057848	0.093071	0.039993	-0.11025
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0.127343	-0.07094	0.12617	0.042705	-0.12928	0.066059	0.117501	0.061821	-0.13281
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0.113986	-0.02507	0.091712	0.065194	-0.11218	0.03124	0.083933	0.067085	-0.10486
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0.034918	0.010692	0.019074	0.036165	-0.03792	-0.00593	0.017786	0.034624	-0.03333
0.005161	-0.04051	0.024733	-0.03354	0.003049	0.038635	0.02397	-0.03214	-0.00186
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0.051932	0.015955	0.047595	-0.0322	-0.03883	-0.01069	-0.04517	-0.00997	-0.04101
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0.113746	0.032545	0.105377	-0.07368	-0.08284	-0.02834	-0.0986	-0.01641	-0.09182
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0.130188	0.048084	0.117924	-0.08248	-0.10264	-0.03134	-0.12106	-0.0209	-0.11477
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0.101088	0.041642	0.098861	-0.07764	-0.09083	-0.03806	-0.1159	-0.01006	-0.11941
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0.056239	0.023568	0.069817	-0.06864	-0.06561	-0.04676	-0.09893	0.007671	-0.11583
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0.087659	0.073149	0.087545	-0.06532	-0.10759	-0.02637	-0.10831	-0.0066	-0.08096
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0.040041	0.053876	0.065287	-0.06636	-0.09706	-0.03905	-0.1186	0.000929	-0.10808
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0.082703	0.099967	0.062598	-0.03414	-0.07757	-0.01709	-0.01931	0.033862	0.041036
0.02901	-0.10802	0.055028	-0.05004	0.066374	-0.01153	0.03049	-0.04922	0.01756
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0.056958	0.101984	0.06266	-0.04302	-0.10766	-0.01522	-0.06345	0.01404	0.005229
0.025915	-0.10916	0.055254	-0.06821	0.090003	-0.04953	0.052119	-0.00584	0.023783
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0.012302	0.081737	0.048037	-0.04972	-0.11534	-0.02275	-0.09788	0.004659	-0.03504
0.026013	-0.08408	0.047377	-0.07064	0.098605	-0.0735	0.074183	0.034784	0.038935
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0.038486	0.019834	0.030894	-0.04575	0.054529	-0.07255	0.090741	0.080368	0.079919

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0.042775	0.073259	0.029173	-0.03181	0.007507	-0.0549	0.075296	0.079618	0.093722
0.077615	-0.05907	0.060553	0.009724	0.015047	0.089814	0.009497	-0.12399	0.018256
-0.11662	-0.03192	-0.09983	0.031737	0.005769	-0.03619	-0.06473	0.051937	-0.1116
0.037502	0.109457	0.030475	-0.024	-0.04415	-0.03512	0.043675	0.065879	0.095631
0.067361	-0.08239	0.082177	-0.03507	0.036552	0.049825	0.011139	-0.11634	0.008855
-0.08755	-0.03246	-0.11584	0.070799	0.030442	-0.0105	-0.02993	0.057383	-0.09508
0.01873	0.119828	0.030106	-0.02359	-0.08865	-0.02026	0.000931	0.045192	0.082815
0.045856	-0.08974	0.084718	-0.06838	0.061397	0.00439	0.023056	-0.09152	0.003288
-0.03672	-0.02398	-0.10804	0.102141	0.040202	0.0258	0.000689	0.049034	-0.06932
-0.01256	0.103045	0.0228	-0.028	-0.11576	-0.01489	-0.0448	0.024907	0.055795
0.022104	-0.0751	0.071469	-0.08478	0.080804	-0.03699	0.04341	-0.05459	0.006002
0.022277	-0.01436	-0.07697	0.117283	0.03655	0.0655	0.021142	0.025906	-0.04084
-0.04983	0.065225	0.005216	-0.03188	-0.11972	-0.01966	-0.08431	0.011661	0.01844
0.003474	-0.03878	0.049383	-0.08372	0.086333	-0.06639	0.066874	-0.01322	0.018839
0.073777	-0.01091	-0.02929	0.111234	0.025278	0.099608	0.029053	-0.00901	-0.0161
-0.08257	0.017774	-0.02216	-0.0292	-0.1007	-0.03124	-0.10973	0.009573	-0.02288
-0.00678	0.011996	0.026363	-0.06924	0.072764	-0.07943	0.086124	0.024254	0.040428
0.104737	-0.01736	0.023954	0.0841	0.014194	0.119772	0.026115	-0.04939	0.000102
-0.0996	-0.02631	-0.05442	-0.01566	-0.06468	-0.0434	-0.11652	0.019131	-0.06082
-0.01012	0.064924	0.008511	-0.04827	0.040091	-0.07629	0.093988	0.05089	0.066451
0.108539	-0.03219	0.070407	0.041232	0.010239	0.120589	0.017312	-0.08707	0.005821
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0.086602	-0.04911	0.099843	-0.00814	0.016968	0.101141	0.009201	-0.11411	0.002355
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-0.01555	0.124261	-0.00585	-0.01473	-0.05573	-0.04157	0.060086	0.060036	0.106687
0.047381	-0.05933	0.106916	-0.05338	0.033203	0.065311	0.007737	-0.12475	-0.00623
-0.01084	-0.0609	-0.09693	0.076275	0.045189	-0.0215	-0.04448	0.072362	-0.10087
-0.02584	0.114207	-0.00825	-0.00955	-0.09733	-0.0245	0.020844	0.046408	0.109316
0.003209	-0.05501	0.092356	-0.08534	0.05331	0.020785	0.01631	-0.11685	-0.0143
0.046036	-0.04324	-0.07228	0.101835	0.056016	0.011866	-0.01195	0.075935	-0.08649
-0.04086	0.078493	-0.01382	-0.01066	-0.12087	-0.01572	-0.02495	0.028337	0.096289
-0.03388	-0.0325	0.062307	-0.09868	0.069022	-0.02298	0.034558	-0.09246	-0.01631
0.094051	-0.02372	-0.02949	0.111282	0.05172	0.05149	0.012478	0.064153	-0.06444
-0.05519	0.026651	-0.02559	-0.01305	-0.12079	-0.01731	-0.06822	0.013027	0.068767
-0.05584	0.005686	0.02607	-0.09313	0.072231	-0.05724	0.058324	-0.05723	-0.00843
0.119859	-0.01038	0.022493	0.100169	0.038076	0.088732	0.02495	0.037005	-0.04112
-0.06122	-0.02771	-0.04303	-0.01086	-0.09755	-0.02726	-0.10028	0.006453	0.031182
-0.06063	0.051079	-0.00695	-0.07314	0.057854	-0.07623	0.080772	-0.01902	0.010359
0.116167	-0.00723	0.071731	0.069076	0.023115	0.114721	0.025643	-0.00156	-0.02252
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0.084032	-0.01295	0.106554	0.023721	0.014229	0.122791	0.018442	-0.04451	-0.01266
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0.032526	-0.02164	0.11888	-0.02643	0.01558	0.110349	0.00954	-0.08343	-0.01253
0.013617	-0.09265	-0.07518	0.049292	0.031646	-0.04703	-0.08981	0.051257	-0.07367
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0.057883	-0.07196	-0.0584	0.077247	0.060402	-0.03102	-0.05864	0.074461	-0.08667
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0.094041	-0.04067	-0.02478	0.096973	0.071252	-0.00137	-0.02535	0.090208	-0.0855
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0.110317	-0.00961	0.02004	0.101134	0.06533	0.03709	0.002341	0.092385	-0.07313

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0.099742	0.012368	0.06625	0.085788	0.048488	0.076354	0.01925	0.077941	-0.05493
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0.062873	0.021186	0.102459	0.051903	0.029059	0.107338	0.023998	0.04781	-0.03712
0.007101	-0.10788	-0.04419	0.013424	-0.0476	-0.0363	-0.11019	-0.00137	0.04235
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0.008153	0.018476	0.119018	0.005444	0.014941	0.122343	0.019171	0.006807	-0.02513
0.027608	-0.11482	-0.04499	0.029543	0.002025	-0.04736	-0.11376	0.010989	0.003109
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0.051757	-0.09599	-0.0357	0.05164	0.046097	-0.04982	-0.09933	0.033907	-0.03167
0.024325	0.079152	-0.06249	0.014046	-0.07199	-0.05483	0.085878	0.021542	0.066448
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0.071454	-0.05863	-0.01371	0.073634	0.075348	-0.03889	-0.07189	0.062101	-0.05626
0.039629	0.038353	-0.04539	0.025416	-0.10588	-0.03548	0.057183	0.02449	0.097299
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0.077774	-0.01439	0.019174	0.087835	0.085206	-0.01358	-0.03909	0.088203	-0.06766
0.042081	-0.01561	-0.02884	0.026867	-0.12121	-0.02083	0.015793	0.016144	0.117389
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0.064513	0.024497	0.05662	0.087451	0.076772	0.022699	-0.00902	0.10469	-0.06627
0.03647	-0.06943	-0.01743	0.023099	-0.11302	-0.01553	-0.03052	0.001782	0.122298
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0.031122	0.048998	0.089251	0.06897	0.056062	0.062847	0.011976	0.105895	-0.05558
0.029292	-0.10914	-0.01203	0.020132	-0.08227	-0.02039	-0.07253	-0.01165	0.110819
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0.025611	-0.12431	-0.00986	0.022913	-0.03576	-0.03219	-0.10194	-0.01752	0.085271
0.024242	0.071265	-0.09888	-0.02912	0.000681	-0.07744	0.08712	-0.05272	-0.0421
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0.026793	-0.11119	-0.00606	0.033344	0.01577	-0.04475	-0.1135	-0.01141	0.050926
0.065016	0.063125	-0.08569	0.006288	-0.03697	-0.07522	0.09889	-0.02363	-0.01427
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0.030006	-0.0738	0.003906	0.049399	0.060601	-0.05095	-0.10626	0.007604	0.014702
0.085379	0.035171	-0.05913	0.031815	-0.07578	-0.06102	0.094589	-0.0019	0.021899
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0.020208	0.028699	0.045848	0.07496	0.097231	-0.0245	-0.05268	0.069283	-0.0377
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0.034882	-0.09832	0.017629	0.038259	-0.10458	-0.01631	-0.01011	-0.00621	0.114745
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0.007313	-0.11984	0.025982	0.030919	-0.07096	-0.01798	-0.05507	-0.02146	0.120778
0.053147	0.035735	-0.11524	-0.05787	0.015148	-0.0541	0.054859	-0.09151	-0.08081
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0.114968	0.023638	-0.072	0.023419	-0.04219	-0.07709	0.097374	-0.04523	-0.05909
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0.019751	-0.0095	-0.10337	-0.11444	0.00767	0.040788	0.004312	-0.05552	-0.04795
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0.109873	0.002907	-0.11197	-0.04489	0.00389	-0.04284	0.04434	-0.08386	-0.08848
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0.121182	0.003942	-0.08082	0.001264	-0.01586	-0.06829	0.071231	-0.07504	-0.09795
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0.001287	-0.05218	0.057418	0.078985	-0.09416	-0.05466	0.095312	-0.01678	-0.04246
0.035976	-0.04019	-0.09373	-0.11997	-0.0178	0.094977	-0.00227	0.029862	-0.00899
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0.074102	-0.0431	-0.11314	-0.10726	-0.00775	0.056656	-0.00078	-0.01059	-0.0266
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0.099549	-0.03442	-0.10973	-0.07459	-0.0015	0.01183	0.011481	-0.04293	-0.05141
0.001781	0.106548	0.020176	0.014523	0.059382	0.019555	-0.01783	0.072451	-0.00195
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0.102703	-0.022	-0.08277	-0.02912	-0.00486	-0.02997	0.033602	-0.06172	-0.078
0.003442	0.068319	0.005997	-0.01645	0.020436	0.060067	0.003381	0.104672	-0.00295
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0.008403	0.018803	-0.01811	-0.0534	-0.01301	0.095962	0.013156	0.122632	0.003638
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0.033334	-0.01503	0.015946	0.060063	-0.04307	-0.07533	0.086487	-0.05549	-0.11084
0.019717	-0.02878	-0.04831	-0.08782	-0.03394	0.118755	0.01217	0.122565	0.012869
-0.02026	0.062942	0.00843	0.017702	0.097421	-0.04612	-0.10872	-0.07401	0.094659
-0.02401	-0.02495	0.065092	0.08597	-0.06753	-0.07417	0.102332	-0.0383	-0.10712
0.036517	-0.06262	-0.07671	-0.11017	-0.04008	0.122392	0.004843	0.104605	0.018708
0.018104	0.103739	-0.00519	0.020863	0.119017	-0.05267	-0.10628	-0.0691	0.076781
-0.07714	-0.03898	0.098131	0.092869	-0.08395	-0.06075	0.102147	-0.0206	-0.08753
0.054776	-0.07599	-0.09483	-0.11344	-0.0338	0.105265	-0.00272	0.072728	0.016196
0.043311	0.122798	-0.01044	0.022377	0.116602	-0.04736	-0.08752	-0.04841	0.053763
-0.11261	-0.04952	0.108966	0.082445	-0.08499	-0.04163	0.083711	-0.00889	-0.05478
0.06743	-0.0699	-0.09636	-0.09601	-0.02144	0.071418	-0.00481	0.034242	0.003251
0.053253	0.114854	-0.0118	0.016676	0.092624	-0.0279	-0.05905	-0.01459	0.032059
-0.12171	-0.04765	0.098597	0.061863	-0.06691	-0.02512	0.049751	-0.008	-0.01524
0.064871	-0.05148	-0.0769	-0.06046	-0.01178	0.028651	0.003253	-0.0021	-0.01972
0.051383	0.080381	-0.01643	-0.00112	0.054634	0.005141	-0.02981	0.026962	0.017978
-0.10009	-0.02772	0.070965	0.038782	-0.02995	-0.01755	0.005674	-0.01972	0.024055
0.041329	-0.02855	-0.0359	-0.01172	-0.01156	-0.01523	0.023445	-0.02956	-0.05051
0.040633	0.026701	-0.02658	-0.02988	0.01139	0.046619	-0.00624	0.069143	0.013993

-0.05209	0.006971	0.031466	0.01713	0.019583	-0.01917	-0.0416	-0.0405	0.058031
0.002789	-0.00804	0.016747	0.039684	-0.02098	-0.05227	0.051146	-0.0449	-0.08273
0.025206	-0.03008	-0.03817	-0.06018	-0.02737	0.085141	0.009311	0.102573	0.016964
0.004168	0.046468	-0.00722	0.001709	0.068084	-0.02705	-0.08113	-0.06282	0.080838
-0.03887	0.001223	0.063382	0.077616	-0.03663	-0.07254	0.076717	-0.04585	-0.10591
0.016804	-0.07246	-0.05161	-0.08462	-0.05013	0.110193	0.013432	0.118505	0.024405
0.048774	0.083898	-0.0292	0.000583	0.102782	-0.04111	-0.10152	-0.08143	0.085342
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0.022688	-0.09585	-0.07129	-0.10481	-0.05252	0.12177	0.003494	0.116873	0.037555
0.080215	0.113169	-0.03707	0.009173	0.121475	-0.05671	-0.10402	-0.09338	0.074907
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0.025456	-0.1039	-0.08199	-0.1125	-0.04631	0.119865	-0.00823	0.104015	0.047395
0.10279	0.115538	-0.05002	0.004141	0.122715	-0.05446	-0.09948	-0.08817	0.065833
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0.005461	-0.0866	-0.05492	-0.08196	-0.04147	0.088948	-0.00216	0.076472	0.033013
0.094202	0.075591	-0.05868	-0.01634	0.092256	-0.0256	-0.08045	-0.05555	0.057126
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0.037662	0.021087	-0.02849	-0.01421	0.032156	-0.00181	-0.03155	-0.0148	0.025087
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0.001673	0.008184	0.003219	0.006497	0.004789	-0.00794	-0.00072	-0.00729	-0.0025
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0.073497	0.04736	0.050181	0.062413	0.027182	-0.06521	-0.00863	-0.06025	-0.00368
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0.094766	0.058959	0.067764	0.079188	0.039813	-0.0847	-0.01619	-0.08016	-0.00036
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0.107748	0.05126	0.085697	0.07813	0.058783	-0.09038	-0.0331	-0.09083	0.012882
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0.116954	0.034378	0.104254	0.068069	0.081892	-0.08881	-0.05624	-0.09661	0.033002
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0.11254	0.016792	0.112456	0.052096	0.099241	-0.079	-0.07798	-0.09413	0.054848
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0.091861	0.00229	0.106505	0.032275	0.106876	-0.06127	-0.09501	-0.08235	0.076142
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0.061122	-0.00458	0.089082	0.0143	0.104673	-0.04051	-0.10566	-0.06462	0.09482
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0.026519	0.000373	0.062877	0.003928	0.092259	-0.02193	-0.10772	-0.0446	0.108059
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0.073024	0.019278	0.027069	0.009739	-0.01368	0.022968	0.037775	0.064336	-0.04342
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0.100693	0.014473	0.057528	0.019631	0.007673	0.002526	0.032074	0.041223	-0.05306
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0.118088	0.000683	0.08647	0.018147	0.034786	-0.0095	0.01749	0.021207	-0.05483
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0.122077	-0.01655	0.108869	0.007064	0.063472	-0.01167	-0.00406	0.007219	-0.0485
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0.112121	-0.03086	0.120812	-0.00984	0.089183	-0.00429	-0.02957	0.001274	-0.03491
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0.090593	-0.03657	0.12044	-0.02748	0.107906	0.01049	-0.05541	0.004075	-0.01585
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0.06603	-0.06287	-0.03727	0.009326	-0.10999	-0.05515	0.060445	-0.03723	0.063693
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0.060325	0.104717	0.041835	0.053069	-0.02638	0.077161	0.04397	0.106293	-0.00114
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0.000572	-0.02051	-0.09119	0.076185	-0.03816	-0.04545	-0.08098	0.05615	0.069647
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0.035678	0.044044	-0.02533	-0.10323	-0.03056	0.071369	-0.0188	-0.08614	0.027057
0.020912	-0.0526	-0.07067	0.075101	-0.04817	-0.07027	-0.05746	0.054338	0.068405

-0.07302	0.000225	0.091374	0.014772	0.092693	-0.00372	0.072641	0.019481	-0.10748
0.05439	0.071036	-0.02797	-0.07745	-0.05056	0.086031	-0.0235	-0.06336	0.048665
0.030382	-0.08468	-0.04844	0.061689	-0.04781	-0.09404	-0.03517	0.043787	0.059274
-0.09923	0.012567	0.065533	0.003019	0.11052	0.010908	0.050129	0.008864	-0.11806
0.074791	0.084451	-0.02019	-0.04754	-0.07203	0.090323	-0.01894	-0.03952	0.070527
0.029235	-0.10998	-0.02952	0.03712	-0.03822	-0.11253	-0.01762	0.025704	0.043499
-0.11347	0.030608	0.033817	0.001073	0.118382	0.029502	0.024184	0.006394	-0.12089
0.091263	0.083373	-0.00199	-0.01907	-0.09054	0.084346	-0.00546	-0.01813	0.089697
0.020327	-0.12289	-0.01799	0.004856	-0.0222	-0.12236	-0.00755	0.002479	0.023216
-0.11389	0.048187	0.00134	0.010192	0.11533	0.047792	-0.0015	0.012644	-0.1156
0.098692	0.070124	0.024378	0.002916	-0.10211	0.070023	0.015174	-0.00226	0.103592
0.008371	-0.12032	-0.01615	-0.03004	-0.00375	-0.12164	-0.00649	-0.02269	0.001165
-0.1015	0.059047	-0.02673	0.029151	0.102338	0.061524	-0.0233	0.026802	-0.1029
0.093706	0.049658	0.054779	0.014866	-0.10394	0.050746	0.040058	0.005857	0.110336
-0.00126	-0.10239	-0.02405	-0.06194	0.012715	-0.11033	-0.01455	-0.04629	-0.01968
-0.07988	0.058365	-0.04625	0.054477	0.082114	0.067242	-0.03819	0.046796	-0.08451
0.075519	0.02834	0.084093	0.015485	-0.09498	0.03075	0.0656	0.005258	0.109012
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-0.05434	0.043959	-0.05488	0.081169	0.058605	0.062926	-0.04426	0.069616	-0.06289
0.046179	0.012403	0.107243	0.005962	-0.07607	0.014339	0.08809	-0.00365	0.099784
0.003371	-0.03626	-0.05837	-0.09807	0.024651	-0.06461	-0.05124	-0.07648	-0.04701
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0.010152	0.00645	0.120245	-0.01029	-0.04983	0.005098	0.104285	-0.01915	0.083876
0.02071	-0.00077	-0.07582	-0.09765	0.015992	-0.03775	-0.07381	-0.0792	-0.0498
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0.045671	0.027547	-0.08697	-0.08585	-0.00215	-0.01401	-0.09432	-0.07322	-0.04446
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0.073602	0.044125	-0.08816	-0.06623	-0.02729	0.002866	-0.10934	-0.05988	-0.0317
-0.00877	-0.09025	-0.01094	0.107083	0.011897	-0.03314	0.008837	0.124084	-0.00065
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0.098729	0.047306	-0.07763	-0.04378	-0.05563	0.010446	-0.1163	-0.04171	-0.01319
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0.115488	0.038672	-0.05598	-0.02393	-0.0827	0.008062	-0.11389	-0.02195	0.008592
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0.119822	0.0226	-0.02605	-0.01135	-0.1042	-0.00309	-0.10224	-0.00411	0.030753
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0.110145	0.005162	0.007659	-0.00901	-0.11677	-0.02016	-0.08296	0.008632	0.050339
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0.056427	-0.01006	0.06563	-0.03508	-0.10984	-0.05578	-0.03338	0.010488	0.072063
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0.021832	-0.00053	0.081295	-0.05772	-0.0924	-0.06601	-0.01035	-0.0014	0.071328
0.011665	-0.00651	-0.10182	-0.04034	0.099332	-0.04052	-0.00311	0.011938	-0.10751
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0.045376	0.008885	-0.118	-0.02945	0.084699	-0.02178	-0.02951	0.009753	-0.11853
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0.078248	0.011975	-0.12302	-0.01264	0.061346	-0.0085	-0.05439	0.016208	-0.12186

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0.10435	0.003711	-0.11563	0.00497	0.032668	-0.00366	-0.07425	0.030157	-0.11705
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0.118983	-0.01203	-0.09691	0.018102	0.002988	-0.00865	-0.08638	0.049256	-0.10477
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0.119743	-0.02941	-0.07011	0.022479	-0.02322	-0.02298	-0.08927	0.070335	-0.08666
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0.107051	-0.04207	-0.03996	0.015724	-0.04217	-0.0444	-0.08288	0.089896	-0.06516
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0.08404	-0.04469	-0.01168	-0.00212	-0.05139	-0.06927	-0.06863	0.104661	-0.04316
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0.055812	-0.03433	0.010068	-0.02858	-0.05026	-0.09325	-0.04917	0.112088	-0.02361
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0.028241	-0.01114	0.022146	-0.05924	-0.04003	-0.11208	-0.02795	0.110772	-0.00914
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0.068406	-0.01907	-0.10855	0.048068	0.101645	0.062281	0.057579	-0.04286	0.001943
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0.098337	-0.07653	-0.07278	0.080693	0.034626	0.050172	0.003973	0.004804	-0.00872
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0.022163	0.06682	-0.004	-0.02725	-0.03148	0.001671	-0.0731	-0.01575	-0.10739
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0.067802	-0.09569	-0.04429	0.116945	0.015785	0.124404	-0.01054	-0.11983	-0.02933
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0.064534	-0.06138	-0.04583	-0.05139	-0.03008	0.017683	0.036626	0.008063	0.018981
0.018484	0.072369	-0.0259	0.053492	-0.0262	0.020762	-0.03496	0.01138	-0.01721
-0.09357	-0.01542	0.082294	-0.00441	0.065383	-0.04504	-0.00069	-0.02289	-0.00147
0.086264	-0.06332	-0.06579	-0.05546	-0.04626	0.028904	0.040703	0.013772	0.02145
0.00437	0.090414	-0.01592	0.069586	-0.01998	0.017419	-0.04688	0.009991	-0.02352
-0.09729	-0.03447	0.089897	-0.01912	0.07413	-0.05243	0.00913	-0.02707	0.0034
0.103918	-0.05869	-0.08451	-0.05437	-0.06285	0.041085	0.041342	0.020174	0.022223
-0.0139	0.103951	-0.00066	0.083414	-0.00877	0.01032	-0.05793	0.006608	-0.02959
-0.0923	-0.05558	0.090457	-0.03693	0.077872	-0.05674	0.021759	-0.02981	0.009901
0.116716	-0.04708	-0.1013	-0.04748	-0.0794	0.05401	0.037938	0.027197	0.020946
-0.03473	0.111861	0.018986	0.093923	0.0071	-0.00053	-0.06733	0.001166	-0.03505
-0.08042	-0.077	0.084662	-0.05661	0.076641	-0.05777	0.036494	-0.03096	0.017724
0.123499	-0.02989	-0.11463	-0.03529	-0.09456	0.066731	0.030551	0.034366	0.017557
-0.05448	0.113415	0.040362	0.100031	0.025996	-0.01427	-0.07415	-0.00599	-0.03937
-0.06359	-0.09617	0.073106	-0.07629	0.070246	-0.05506	0.05219	-0.03018	0.026345
0.122752	-0.00895	-0.1225	-0.01859	-0.10647	0.077899	0.019347	0.040988	0.012027
-0.07029	0.108073	0.061218	0.100727	0.046464	-0.03013	-0.07745	-0.01455	-0.04199
-0.04363	-0.11095	0.056443	-0.09425	0.058556	-0.0482	0.067725	-0.02715	0.035232
0.114436	0.013825	-0.12393	0.001646	-0.11389	0.086485	0.004683	0.046499	0.004424
-0.08036	0.096187	0.079735	0.095596	0.067145	-0.04732	-0.0766	-0.02418	-0.0425
-0.02312	-0.11992	0.036221	-0.10902	0.042177	-0.03723	0.082011	-0.02178	0.043825
0.099887	0.036237	-0.11893	0.024001	-0.11613	0.091699	-0.01274	0.050411	-0.005
-0.08338	0.078987	0.094107	0.084819	0.08644	-0.06474	-0.07129	-0.03435	-0.04061
-0.00498	-0.1222	0.014543	-0.11932	0.022244	-0.02256	0.093941	-0.01414	0.051513
0.081071	0.055999	-0.108	0.046797	-0.11278	0.092853	-0.03196	0.05225	-0.01584
-0.07882	0.058227	0.102866	0.069011	0.102772	-0.08122	-0.0615	-0.04445	-0.03615
0.00835	-0.11759	-0.00646	-0.12419	0.000103	-0.00482	0.102507	-0.00443	0.057692
0.060417	0.071169	-0.09223	0.068339	-0.10387	0.089489	-0.05188	0.051629	-0.0276
-0.06728	0.036	0.105256	0.049197	0.114879	-0.09564	-0.04748	-0.05387	-0.02908
0.015145	-0.10667	-0.02477	-0.12315	-0.02272	0.015146	0.106916	0.00703	0.061816
0.040675	0.080343	-0.07331	0.087045	-0.08994	0.081475	-0.07132	0.048301	-0.03969
-0.05032	0.014578	0.10125	0.026769	0.121861	-0.10697	-0.02978	-0.06198	-0.01952
0.014487	-0.09073	-0.03864	-0.11624	-0.04461	0.03629	0.106628	0.019768	0.063428
0.024507	0.082766	-0.05327	0.101549	-0.07198	0.068986	-0.08908	0.042162	-0.05144
-0.0302	-0.00385	0.091487	0.003352	0.12322	-0.11436	-0.00926	-0.06818	-0.00776
0.006435	-0.0716	-0.04681	-0.10399	-0.06401	0.05744	0.101384	0.033204	0.062179
0.014069	0.078418	-0.03425	0.110839	-0.05128	0.052485	-0.10403	0.033259	-0.06219
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0.01074	0.068038	-0.01825	0.114351	-0.02938	0.032704	-0.11519	0.021797	-0.07124
0.008811	-0.0249	0.060238	-0.03974	0.109435	-0.11501	0.035996	-0.07282	0.020534
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0.014965	0.053032	-0.00692	0.112016	-0.00788	0.010605	-0.1218	0.008137	-0.078
0.022509	-0.02562	0.042577	-0.05638	0.095634	-0.10785	0.0583	-0.07053	0.035859
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0.026183	0.035315	-0.00141	0.104261	0.011662	-0.01269	-0.12336	-0.00721	-0.08191
0.029703	-0.01976	0.026366	-0.06819	0.07876	-0.09594	0.078742	-0.06491	0.051025
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0.042894	0.017097	-0.0022	0.091971	0.027873	-0.03596	-0.1197	-0.02363	-0.08257
0.029446	-0.00819	0.013555	-0.07455	0.060292	-0.07981	0.096196	-0.05598	0.065271
-0.08369	-0.00248	-0.00419	-0.00646	-0.09035	0.124479	0.013237	0.087123	0.011377
0.062866	0.000641	-0.00904	0.076408	0.039707	-0.05798	-0.11095	-0.04041	-0.0797
0.021781	0.007557	0.005708	-0.07528	0.04182	-0.06027	0.109706	-0.04394	0.077843
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0.083435	-0.01199	-0.02104	0.0591	0.046516	-0.0776	-0.09756	-0.05675	-0.07321
0.00774	0.025485	0.003829	-0.07073	0.024897	-0.03834	0.118556	-0.02913	0.088029
-0.09806	-0.01409	0.026568	0.020769	-0.068	0.119545	-0.03399	0.090688	-0.0239
0.101853	-0.01918	-0.03668	0.041696	0.048115	-0.09381	-0.08024	-0.07189	-0.06315
-0.01079	0.043352	0.008249	-0.06172	0.010907	-0.01519	0.122317	-0.01207	0.095204
-0.09415	-0.0285	0.037137	0.02707	-0.05351	0.109726	-0.05542	0.086907	-0.04224
0.115662	-0.01989	-0.05408	0.025824	0.044796	-0.10581	-0.05998	-0.08503	-0.0498
-0.03133	0.058918	0.018588	-0.04943	0.000935	0.007973	0.120868	0.006586	0.098859
-0.08321	-0.04664	0.042412	0.028037	-0.03883	0.095711	-0.07387	0.079297	-0.05997
0.123019	-0.01385	-0.0711	0.01294	0.037293	-0.11306	-0.03789	-0.09547	-0.03357
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0.12294	-0.00151	-0.08568	0.004196	0.02672	-0.11533	-0.01521	-0.10259	-0.01504
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0.115434	0.015938	-0.096	0.000341	0.014464	-0.11269	0.006813	-0.10591	0.005046
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0.101501	0.036755	-0.1007	0.00165	0.002061	-0.10551	0.027019	-0.10512	0.025884
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-0.00785	-0.11382	0.003493	-0.00933	-0.00622	0.017064	-0.10407	0.015975	-0.10865
0.082999	0.058805	-0.09905	0.007901	-0.00895	-0.09444	0.044381	-0.10008	0.046585
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0.006106	-0.11943	-0.01719	-0.02275	-0.00902	-0.00253	-0.09975	-0.00527	-0.11199
0.062394	0.079809	-0.09101	0.018396	-0.01717	-0.08034	0.058089	-0.09083	0.066239
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0.013657	-0.11821	-0.0388	-0.03466	-0.01651	-0.0199	-0.09135	-0.02711	-0.11097
0.042435	0.097597	-0.07724	0.032024	-0.02144	-0.06424	0.067596	-0.07764	0.083958
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0.013789	-0.11018	-0.05922	-0.04357	-0.02805	-0.03419	-0.0797	-0.04862	-0.10549
0.025782	0.110347	-0.05904	0.047362	-0.02101	-0.04728	0.072657	-0.06094	0.098917
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0.006478	-0.09612	-0.07643	-0.04826	-0.04259	-0.0448	-0.06576	-0.06888	-0.09565
0.014656	0.11679	-0.03818	0.062804	-0.01553	-0.03058	0.07333	-0.04133	0.110397
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0.01054	0.116348	-0.01672	0.076708	-0.00516	-0.0152	0.069977	-0.01959	0.117818
0.008376	-0.05129	0.103539	-0.0361	0.070448	0.064038	-0.02756	0.109469	-0.04882
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0.013982	0.1092	0.003198	0.087544	0.00951	-0.00207	0.063225	0.003437	0.120774
0.022665	-0.06396	0.08666	-0.05502	0.070067	0.051772	-0.03439	0.098994	-0.06969
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0.024519	0.096262	0.019632	0.094034	0.027459	0.008107	0.053919	0.026796	0.119049
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0.040746	0.079082	0.031023	0.09527	0.047351	0.014856	0.043059	0.049519	0.112636
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0.060495	0.059673	0.036373	0.090794	0.067649	0.017997	0.031721	0.070648	0.101732
0.024226	-0.06255	0.030605	-0.10687	0.03774	0.017078	-0.03217	0.045507	-0.11518
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0.08113	0.040284	0.035364	0.080646	0.086748	0.01764	0.02098	0.089285	0.086741

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0.099895	0.023153	0.028383	0.065359	0.103121	0.014168	0.011829	0.104633	0.068248
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0.114286	0.010254	0.016485	0.045915	0.115455	0.008214	0.005106	0.116034	0.046997
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0.122381	0.003084	0.001272	0.023661	0.122766	0.000605	0.001431	0.123001	0.023858
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0.116339	0.008574	-0.03105	-0.02281	0.120526	-0.01569	0.004374	0.12266	-0.02422
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0.044202	0.077486	-0.05133	-0.08072	0.061569	-0.02631	0.043517	0.069586	-0.10081
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0.013027	-0.08773	-0.05675	0.080649	0.045324	-0.03473	-0.0482	0.065779	0.102055
0.027086	0.096175	-0.04139	-0.0822	0.042423	-0.02061	0.055793	0.04856	-0.11125
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0.006469	-0.08355	-0.07691	0.062964	0.053096	-0.04839	-0.04706	0.083367	0.086596
0.015294	0.111139	-0.02603	-0.07827	0.024593	-0.01124	0.066974	0.026075	-0.11722
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0.010398	0.120678	-0.00668	-0.06967	0.009503	0.001477	0.075999	0.003085	-0.11854
0.007903	-0.06016	0.105356	0.032468	-0.05974	0.064682	-0.04222	-0.09999	0.063411
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0.013048	0.123687	0.014808	-0.05754	-0.0017	0.016937	0.081919	-0.01945	-0.11528
0.022762	-0.08031	0.095054	0.03456	-0.04447	0.060224	-0.0588	-0.08489	0.080265
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0.02289	0.119774	0.036328	-0.04332	-0.00826	0.034304	0.083977	-0.04061	-0.10766
0.031434	-0.09638	0.079495	0.031475	-0.0303	0.05153	-0.0748	-0.06698	0.093544
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0.038609	0.109309	0.055773	-0.02863	-0.00984	0.052565	0.081656	-0.05956	-0.09613
0.032773	-0.10676	0.060203	0.023884	-0.01866	0.038779	-0.08907	-0.04707	0.102796
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0.058105	0.093378	0.071264	-0.0151	-0.0066	0.070595	0.07473	-0.07558	-0.08129
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1.05E-16	-1.71E-17	3.15E-17	1.15E-17
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4.43E-17	1.06E-16	2.53E-17	2.35E-17
-7.35E-17	-1.05E-16	7.90E-19	2.82E-17
4.96E-18	1.18E-18	-9.20E-18	-4.20E-17
1.03E-16	3.85E-17	4.87E-18	-2.62E-18
-6.51E-17	7.35E-18	1.59E-17	3.20E-17
-6.01E-17	1.55E-17	-1.65E-17	-3.23E-18
4.59E-17	-8.38E-17	-1.81E-17	-2.63E-17
6.90E-17	1.84E-17	2.31E-17	1.28E-17
-6.13E-17	1.29E-16	8.99E-18	5.25E-18
-5.63E-17	-1.24E-16	7.16E-18	1.64E-18
8.70E-17	-4.56E-17	-5.46E-17	-1.06E-17

3.53E-20	1.43E-16	2.50E-17	8.73E-18
-5.30E-17	-5.25E-17	5.75E-17	-1.39E-18
9.78E-19	-6.62E-17	-7.77E-17	-1.13E-17
4.26E-17	3.15E-17	2.44E-17	1.06E-17
1.22E-17	7.71E-17	3.77E-17	1.47E-17
-6.17E-17	-5.94E-17	-5.57E-17	-2.37E-17
1.14E-17	-4.27E-17	1.22E-18	-3.94E-18
3.93E-17	3.23E-17	6.03E-17	1.87E-17
-1.54E-17	5.38E-17	-2.50E-17	2.81E-18
-2.64E-18	-4.50E-17	-4.95E-17	-2.09E-17
-7.70E-18	-1.57E-17	3.26E-17	2.06E-17
-8.56E-18	1.85E-17	2.86E-17	-1.69E-17
1.24E-17	-2.18E-17	-2.06E-17	6.02E-18
2.97E-17	5.12E-17	-2.20E-17	4.80E-18
-3.91E-17	-2.61E-17	3.49E-17	3.35E-18
-1.26E-17	-7.37E-19	-3.25E-17	-1.10E-17
5.79E-17	-6.68E-17	6.95E-18	2.71E-18
-6.21E-17	1.13E-16	4.54E-17	-7.54E-18
2.72E-17	-1.61E-17	-4.89E-17	2.46E-17
3.33E-17	-9.76E-17	-4.99E-18	-1.37E-17
-7.00E-17	8.29E-17	9.18E-18	-1.21E-17
6.14E-17	-2.71E-18	4.63E-17	1.02E-17
-3.59E-17	-4.83E-17	-4.95E-17	3.55E-18
1.11E-18	7.33E-17	-1.37E-17	-8.59E-19
1.99E-17	-6.04E-17	4.13E-17	2.53E-18
2.01E-17	-4.21E-18	2.61E-18	-1.57E-17
-6.45E-17	3.94E-17	-4.71E-17	9.50E-18
2.12E-17	1.55E-18	2.67E-17	1.08E-17
4.70E-17	-2.26E-17	2.81E-17	-4.44E-18
-4.09E-17	-2.53E-17	-2.78E-17	-2.56E-17
-9.73E-19	4.27E-17	-2.90E-17	3.47E-17
2.93E-17	1.58E-17	3.93E-17	-6.99E-18
-4.71E-17	-5.20E-17	2.24E-17	-2.38E-17
2.88E-18	1.38E-17	-5.88E-17	2.10E-17
8.85E-17	2.96E-18	1.58E-17	2.51E-18
-6.75E-17	6.22E-17	4.34E-17	-1.10E-17
-3.92E-17	-6.39E-17	-1.50E-17	1.05E-17
-6.98E-18	-8.77E-17	-8.45E-17	-6.87E-18
9.30E-17	1.10E-16	4.93E-17	-2.62E-17
1.17E-16	1.28E-16	1.22E-16	2.92E-17
-2.54E-16	-1.08E-16	-3.49E-17	5.01E-17
-2.24E-16	-2.54E-16	-2.10E-16	-1.85E-17
4.10E-16	5.48E-17	-6.72E-17	-1.56E-16
5.12E-16	4.25E-16	3.53E-16	1.66E-17
-5.50E-16	2.96E-16	3.83E-16	3.02E-16
-1.15E-15	-8.25E-16	-5.32E-16	1.15E-16
4.08E-16	-1.01E-15	-1.12E-15	-5.67E-16
2.60E-15	1.15E-15	5.83E-16	-5.14E-16
4.65E-16	2.80E-15	2.62E-15	9.38E-16
-5.14E-15	-1.05E-15	1.44E-16	1.51E-15
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8.85E-15	-8.98E-16	-2.94E-15	-3.69E-15
1.19E-14	1.30E-14	1.01E-14	6.73E-16
-1.25E-14	8.33E-15	1.12E-14	8.11E-15
-3.15E-14	-2.33E-14	-1.58E-14	2.53E-15
1.11E-14	-2.90E-14	-3.10E-14	-1.57E-14
7.16E-14	3.48E-14	1.78E-14	-1.28E-14
1.10E-14	7.77E-14	7.35E-14	2.63E-14

-1.43E-13	-3.51E-14	-5.28E-16	4.01E-14
-9.45E-14	-1.79E-13	-1.55E-13	-3.49E-14
2.51E-13	-1.64E-14	-7.53E-14	-1.02E-13
3.28E-13	3.67E-13	2.90E-13	2.42E-14
-3.73E-13	2.19E-13	2.97E-13	2.26E-13
-8.68E-13	-6.69E-13	-4.58E-13	5.74E-14
3.69E-13	-7.80E-13	-8.44E-13	-4.39E-13
1.97E-12	1.02E-12	5.30E-13	-3.42E-13
2.29E-13	2.11E-12	2.05E-12	7.46E-13
-3.99E-12	-1.06E-12	-1.09E-13	1.11E-12
-2.56E-12	-4.97E-12	-4.38E-12	-1.05E-12
7.29E-12	-2.88E-13	-1.85E-12	-2.83E-12
8.85E-12	1.04E-11	8.18E-12	8.73E-13
-1.12E-11	5.55E-12	7.89E-12	6.21E-12
-2.33E-11	-1.91E-11	-1.30E-11	1.39E-12
1.10E-11	-2.06E-11	-2.34E-11	-1.23E-11
5.43E-11	2.90E-11	1.60E-11	-9.44E-12
5.69E-12	5.81E-11	5.73E-11	2.19E-11
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-6.54E-11	-1.41E-10	-1.22E-10	-3.21E-11
2.12E-10	1.22E-12	-4.56E-11	-7.56E-11
2.27E-10	2.94E-10	2.28E-10	2.59E-11
-3.12E-10	1.34E-10	2.17E-10	1.72E-10
-6.37E-10	-5.30E-10	-3.79E-10	3.88E-11
3.05E-10	-5.61E-10	-6.47E-10	-3.59E-10
1.57E-09	8.25E-10	5.07E-10	-2.42E-10
4.58E-11	1.65E-09	1.56E-09	6.45E-10
-3.30E-09	-1.03E-09	-2.72E-10	7.64E-10
-1.45E-09	-3.89E-09	-3.32E-09	-8.80E-10
5.73E-09	3.67E-10	-1.27E-09	-2.08E-09
6.15E-09	7.92E-09	6.57E-09	6.81E-10
-8.43E-09	3.64E-09	5.91E-09	5.07E-09
-1.88E-08	-1.48E-08	-1.14E-08	6.46E-10
1.06E-08	-1.61E-08	-1.69E-08	-1.04E-08
4.45E-08	2.55E-08	1.48E-08	-5.32E-09
-5.32E-09	4.44E-08	4.17E-08	1.70E-08
-8.55E-08	-3.34E-08	-6.52E-09	2.10E-08
-3.98E-08	-1.01E-07	-9.61E-08	-2.32E-08
1.52E-07	8.01E-09	-3.23E-08	-6.31E-08
1.94E-07	2.21E-07	1.96E-07	2.78E-08
-2.77E-07	1.12E-07	1.40E-07	1.44E-07
-5.20E-07	-4.58E-07	-3.18E-07	-7.71E-09
4.08E-07	-4.07E-07	-4.40E-07	-2.59E-07
1.07E-06	7.73E-07	3.73E-07	-1.54E-07
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-2.24E-06	-8.14E-07	-2.45E-07	6.91E-07
-1.58E-06	-2.84E-06	-2.87E-06	-8.30E-07
5.13E-06	4.77E-09	-4.07E-07	-1.73E-06
5.02E-06	6.98E-06	5.22E-06	1.21E-06
-9.51E-06	2.10E-06	3.42E-06	3.28E-06
-1.08E-05	-1.34E-05	-7.84E-06	1.86E-07
8.75E-06	-8.20E-06	-1.38E-05	-6.73E-06
2.80E-05	1.80E-05	1.18E-05	-6.46E-06
7.20E-06	3.14E-05	3.71E-05	1.63E-05
-8.12E-05	-1.85E-05	-1.63E-05	1.74E-05
-3.12E-05	-9.51E-05	-7.16E-05	-3.01E-05
0.000169	2.33E-05	-5.82E-06	-3.24E-05
6.27E-05	0.000197	0.000123	2.03E-05

-0.00019	1.58E-06	0.000132	8.61E-05
-0.00029	-0.00028	-0.00025	4.75E-05
5.67E-05	-0.00028	-0.00042	-0.00027
0.001182	0.000436	0.000509	-0.00012
-0.00016	0.001188	0.000814	0.000556
-0.00261	-0.00103	-0.00047	0.000159
0.00065	-0.0025	-0.00156	-0.00047
0.002731	0.00161	-0.00101	-0.00093
0.002262	0.003479	0.004309	-0.00022
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0.010925	-0.01395	-0.00661	-0.0088
0.035873	0.023366	0.012471	0.003067
-0.03304	0.026438	0.015172	0.006374
-0.02593	-0.04358	0.005373	0.007998
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0.236867	0.098358	0.179913	0.037202
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0.813767	-0.18524	-0.07132	-0.0359
-0.03605	0.847351	-0.03507	-0.05257
-0.08413	-0.10437	0.95333	-0.02814
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