0.00187	-0.00374	-0.00561	0.007477	-0.00934	-0.01121	0.01307	-0.01493	-0.01678
0.002827	-0.00565	-0.00847	0.011281	-0.01408	-0.01687	0.019637	-0.02239	-0.02512
0.003911	-0.00781	-0.0117	0.015569	-0.01941	-0.0232	0.026959	-0.03066	-0.03431
0.004999	-0.00998	-0.01493	0.019839	-0.02468	-0.02944	0.034113	-0.03867	-0.04311
0.006106	-0.01218	-0.0182	0.024136	-0.02996	-0.03563	0.041145	-0.04646	-0.05156
0.007195	-0.01434	-0.0214	0.02831	-0.03504	-0.04153	0.047756	-0.05366	-0.05922
0.008288	-0.0165	-0.02457	0.032432	-0.04001	-0.04723	0.05404	-0.06038	-0.06619
0.009379	-0.01865	-0.02772	0.036473	-0.04482	-0.05266	0.059918	-0.0665	-0.07234
0.010469	-0.02079	-0.03082	0.040426	-0.04946	-0.05781	0.065348	-0.07197	-0.07759
0.011557	-0.02292	-0.03389	0.044279	-0.05392	-0.06264	0.070288	-0.07674	-0.08189
0.012643	-0.02503	-0.0369	0.048025	-0.05817	-0.06712	0.074702	-0.08076	-0.08517
0.013728	-0.02713	-0.03987	0.051653	-0.06219	-0.07123	0.078558	-0.08399	-0.0874
0.01481	-0.0292	-0.04278	0.055154	-0.06598	-0.07496	0.081825	-0.0864	-0.08854
0.01589	-0.03127	-0.04563	0.058521	-0.06952	-0.07827	0.084481	-0.08796	-0.0886
0.016968	-0.03331	-0.04842	0.061745	-0.07279	-0.08114	0.086504	-0.08867	-0.08756
0.018043	-0.03533	-0.05114	0.064818	-0.07578	-0.08358	0.08788	-0.08851	-0.08543
0.019115	-0.03733	-0.0538	0.067732	-0.07849	-0.08555	0.088598	-0.08748	-0.08225
0.020185	-0.03931	-0.05637	0.070481	-0.08089	-0.08706	0.088653	-0.0856	-0.07805
0.021251	-0.04126	-0.05888	0.073058	-0.08299	-0.08808	0.088045	-0.08288	-0.07289
0.022314	-0.04319	-0.0613	0.075456	-0.08476	-0.08862	0.086778	-0.07935	-0.06682
0.023374	-0.0451	-0.06363	0.077669	-0.08622	-0.08867	0.084861	-0.07505	-0.05993
0.02443	-0.04697	-0.06588	0.079693	-0.08734	-0.08824	0.08231	-0.07001	-0.0523
0.025482	-0.04882	-0.06804	0.081522	-0.08814	-0.08732	0.079142	-0.06429	-0.04402
0.026531	-0.05063	-0.0701	0.083151	-0.08859	-0.08592	0.075383	-0.05794	-0.0352
0.027575	-0.05242	-0.07207	0.084577	-0.08871	-0.08405	0.071059	-0.05103	-0.02594
0.028615	-0.05417	-0.07394	0.085797	-0.08849	-0.08171	0.066204	-0.04362	-0.01636
0.029651	-0.05589	-0.0757	0.086807	-0.08793	-0.07893	0.060853	-0.03578	-0.00658
0.030682	-0.05758	-0.07737	0.087604	-0.08703	-0.07571	0.055046	-0.02759	0.003281
0.031709	-0.05923	-0.07892	0.088188	-0.0858	-0.07208	0.048828	-0.01913	0.013103
0.032731	-0.06084	-0.08037	0.088556	-0.08425	-0.06805	0.042245	-0.01048	0.022763
0.033747	-0.06242	-0.08171	0.088707	-0.08237	-0.06364	0.035345	-0.00173	0.032142
0.034759	-0.06396	-0.08293	0.088642	-0.08018	-0.05889	0.028181	0.007033	0.041123
0.035765	-0.06546	-0.08404	0.088359	-0.07768	-0.05381	0.020806	0.01573	0.049595
0.036766	-0.06692	-0.08504	0.087861	-0.07488	-0.04843	0.013275	0.024273	0.057455
0.037761	-0.06834	-0.08592	0.087148	-0.0718	-0.04279	0.005645	0.032578	0.064604
0.038751	-0.06972	-0.08668	0.086222	-0.06845	-0.03692	-0.00203	0.040566	0.070954
0.039734	-0.07105	-0.08732	0.085086	-0.06483	-0.03084	-0.00968	0.048157	0.076427
0.040711	-0.07234	-0.08784	0.083741	-0.06097	-0.02459	-0.01727	0.055277	0.080955
0.041683	-0.07359	-0.08824	0.082192	-0.05687	-0.01821	-0.02472	0.061857	0.084481
0.042648	-0.07479	-0.08852	0.080441	-0.05255	-0.01172	-0.03199	0.067833	0.086964
0.043606	-0.07595	-0.08867	0.078494	-0.04804	-0.00518	-0.03903	0.073146	0.088371
0.044557	-0.07706	-0.08871	0.076356	-0.04334	0.001401	-0.04576	0.077744	0.088685
0.045502	-0.07812	-0.08862	0.07403	-0.03848	0.00797	-0.05216	0.081582	0.087903
0.04644	-0.07914	-0.08841	0.071524	-0.03347	0.014495	-0.05817	0.084624	0.086033
0.047371	-0.0801	-0.08808	0.068842	-0.02833	0.020941	-0.06374	0.086838	0.0831
0.048295	-0.08102	-0.08763	0.065993	-0.02308	0.027271	-0.06883	0.088204	0.07914
0.049211	-0.08189	-0.08706	0.062982	-0.01775	0.033452	-0.07341	0.088707	0.074201
0.050119	-0.08271	-0.08637	0.059817	-0.01234	0.039448	-0.07744	0.088344	0.068344
0.05102	-0.08348	-0.08556	0.056506	-0.00689	0.045228	-0.08089	0.087118	0.061643
0.051914	-0.08419	-0.08463	0.053057	-0.00142	0.050758	-0.08374	0.08504	0.054179
0.052799	-0.08486	-0.08358	0.049478	0.004065	0.05601	-0.08595	0.082132	0.046045
0.053676	-0.08547	-0.08242	0.045778	0.009531	0.060954	-0.08753	0.07842	0.037342
0.054545	-0.08603	-0.08115	0.041966	0.01496	0.065562	-0.08845	0.073943	0.028177
0.055406	-0.08654	-0.07977	0.038052	0.020333	0.06981	-0.08871	0.068743	0.018664
0.056258	-0.087	-0.07827	0.034044	0.025628	0.073675	-0.0883	0.062871	0.00892
0.057101	-0.0874	-0.07667	0.029954	0.030825	0.077134	-0.08723	0.056385	-0.00093
0.057936	-0.08775	-0.07496	0.02579	0.035904	0.080169	-0.08552	0.049347	-0.01078
0.058762	-0.08804	-0.07315	0.021563	0.040846	0.082763	-0.08316	0.041828	-0.02049

0.059579	-0.08829	-0.07124	0.017283	0.045633	0.084902	-0.08017	0.0339	-0.02994
0.060387	-0.08847	-0.06923	0.012962	0.050245	0.086574	-0.07659	0.02564	-0.03903
0.061186	-0.08861	-0.06713	0.008608	0.054665	0.08777	-0.07244	0.01713	-0.04763
0.061975	-0.08869	-0.06493	0.004233	0.058876	0.088484	-0.06774	0.008453	-0.05565
0.062755	-0.08871	-0.06265	-0.00015	0.062862	0.088711	-0.06254	-0.00031	-0.06297
0.063526	-0.08868	-0.06028	-0.00454	0.066609	0.08845	-0.05687	-0.00906	-0.06952
0.064286	-0.0886	-0.05782	-0.00891	0.070101	0.087703	-0.05077	-0.01773	-0.07521
0.065037	-0.08846	-0.05529	-0.01326	0.073325	0.086473	-0.04429	-0.02623	-0.07997
0.065778	-0.08827	-0.05268	-0.01758	0.076269	0.084768	-0.03748	-0.03447	-0.08374
0.066508	-0.08803	-0.04999	-0.02186	0.078922	0.082597	-0.0304	-0.04237	-0.08647
0.067229	-0.08773	-0.04724	-0.02608	0.081273	0.079972	-0.02308	-0.04986	-0.08813
0.067939	-0.08737	-0.04443	-0.03024	0.083315	0.076907	-0.01559	-0.05686	-0.08871
0.068639	-0.08697	-0.04155	-0.03432	0.085038	0.073419	-0.00798	-0.0633	-0.08819
0.069329	-0.08651	-0.03861	-0.03832	0.086436	0.069528	-0.00032	-0.06913	-0.08658
0.070008	-0.086	-0.03563	-0.04223	0.087504	0.065254	0.007349	-0.07428	-0.08389
0.070676	-0.08543	-0.03259	-0.04604	0.088238	0.060621	0.014962	-0.07871	-0.08017
0.071333	-0.08481	-0.02951	-0.04973	0.088635	0.055655	0.022463	-0.08236	-0.07546
0.07198	-0.08414	-0.02639	-0.0533	0.088693	0.050383	0.029796	-0.08521	-0.06982
0.072615	-0.08342	-0.02323	-0.05674	0.088413	0.044834	0.036905	-0.08723	-0.06331
0.07324	-0.08265	-0.02004	-0.06004	0.087795	0.039038	0.043739	-0.0884	-0.05602
0.073853	-0.08183	-0.01682	-0.06319	0.086841	0.033028	0.050245	-0.0887	-0.04804
0.074455	-0.08096	-0.01358	-0.06619	0.085556	0.026836	0.056376	-0.08814	-0.03946
0.075045	-0.08004	-0.01032	-0.06903	0.083945	0.020497	0.062084	-0.08671	-0.03039
0.075624	-0.07907	-0.00705	-0.0717	0.082012	0.014044	0.067328	-0.08444	-0.02095
0.076192	-0.07805	-0.00376	-0.0742	0.079767	0.007515	0.072068	-0.08134	-0.01125
0.076748	-0.07698	-0.00047	-0.07651	0.077217	0.000944	0.076269	-0.07745	-0.00141
0.077292	-0.07587	0.002817	-0.07864	0.074372	-0.00563	0.079899	-0.0728	0.008443
0.077824	-0.07471	0.006102	-0.08057	0.071243	-0.01218	0.082932	-0.06744	0.018195
0.078344	-0.07351	0.009379	-0.08231	0.067841	-0.01865	0.085343	-0.06142	0.027723
0.078853	-0.07226	0.012644	-0.08384	0.064181	-0.02503	0.087116	-0.0548	0.036907
0.079349	-0.07096	0.01589	-0.08517	0.060276	-0.03127	0.088237	-0.04764	0.045635
0.079834	-0.06962	0.019115	-0.08629	0.05614	-0.03733	0.088698	-0.04002	0.053799
0.080306	-0.06824	0.022314	-0.0872	0.05179	-0.04319	0.088495	-0.03201	0.061297
0.080765	-0.06682	0.025482	-0.0879	0.047243	-0.04882	0.08763	-0.02368	0.068038
0.081213	-0.06536	0.028615	-0.08839	0.042514	-0.05417	0.086109	-0.01512	0.073937
0.081648	-0.06385	0.031709	-0.08865	0.037624	-0.05923	0.083944	-0.00642	0.078922
0.082071	-0.06231	0.034759	-0.0887	0.03259	-0.06396	0.08115	0.002347	0.082931
0.082481	-0.06073	0.037761	-0.08854	0.027431	-0.06834	0.07775	0.011091	0.085915
0.082878	-0.05912	0.040712	-0.08815	0.022167	-0.07234	0.073767	0.019726	0.087837
0.083263	-0.05746	0.043606	-0.08756	0.016819	-0.07595	0.069233	0.028169	0.088672
0.083635	-0.05577	0.04644	-0.08674	0.011407	-0.07914	0.06418	0.036337	0.088411
0.083994	-0.05405	0.049211	-0.08572	0.005951	-0.08189	0.058647	0.044149	0.087057
0.084341	-0.0523	0.051914	-0.08449	0.000472	-0.08419	0.052676	0.05153	0.084626
0.084674	-0.05051	0.054545	-0.08305	-0.00501	-0.08603	0.04631	0.058408	0.081149
0.084995	-0.04869	0.057101	-0.0814	-0.01047	-0.0874	0.039597	0.064715	0.076669
0.085302	-0.04684	0.059579	-0.07956	-0.01589	-0.08828	0.032589	0.070389	0.07124
0.085597	-0.04497	0.061975	-0.07752	-0.02125	-0.08869	0.025336	0.075376	0.064931
0.085878	-0.04306	0.064286	-0.0753	-0.02653	-0.0886	0.017894	0.079626	0.057819
0.086147	-0.04113	0.066508	-0.07289	-0.03171	-0.08802	0.010318	0.083098	0.049992
0.086402	-0.03918	0.068639	-0.0703	-0.03677	-0.08697	0.002665	0.085758	0.041547
0.086644	-0.0372	0.070676	-0.06754	-0.04168	-0.08543	-0.00501	0.08758	0.032588
0.086873	-0.03519	0.072615	-0.06461	-0.04644	-0.08342	-0.01264	0.088546	0.023226
0.087088	-0.03317	0.074455	-0.06153	-0.05102	-0.08096	-0.02019	0.088646	0.013577
0.08729	-0.03113	0.076192	-0.05829	-0.05541	-0.07805	-0.02758	0.087881	0.00376
0.087479	-0.02906	0.077824	-0.05492	-0.05958	-0.07471	-0.03476	0.086257	-0.0061
0.087655	-0.02698	0.079349	-0.05141	-0.06353	-0.07096	-0.04168	0.08379	-0.01589
0.087817	-0.02488	0.080765	-0.04777	-0.06723	-0.06682	-0.04829	0.080504	-0.02548
0.087965	-0.02277	0.08207	-0.04402	-0.07068	-0.06231	-0.05454	0.076431	-0.03476

0.088101	-0.02064	0.083263	-0.04016	-0.07385	-0.05746	-0.06039	0.071612	-0.04361
0.088222	-0.01851	0.08434	-0.0362	-0.07675	-0.0523	-0.06578	0.066093	-0.05191
0.088331	-0.01636	0.085302	-0.03215	-0.07935	-0.04684	-0.07068	0.059928	-0.05958
0.088425	-0.01419	0.086147	-0.02802	-0.08165	-0.04113	-0.07504	0.053177	-0.06651
0.088507	-0.01203	0.086873	-0.02383	-0.08363	-0.03519	-0.07885	0.045907	-0.07261
0.088574	-0.00985	0.087479	-0.01958	-0.0853	-0.02906	-0.08207	0.038188	-0.07782
0.088629	-0.00767	0.087965	-0.01528	-0.08664	-0.02277	-0.08467	0.030096	-0.08207
0.088669	-0.00548	0.08833	-0.01094	-0.08765	-0.01636	-0.08664	0.021709	-0.0853
0.088696	-0.00329	0.088574	-0.00657	-0.08833	-0.00985	-0.08796	0.013111	-0.08748
0.08871	-0.0011	0.088696	-0.00219	-0.08867	-0.00329	-0.08863	0.004385	-0.08857
0.08871	0.001097	0.088696	0.002193	-0.08867	0.003289	-0.08863	-0.00438	-0.08857
0.088696	0.003289	0.088574	0.006574	-0.08833	0.009849	-0.08796	-0.01311	-0.08748
0.088669	0.00548	0.08833	0.010938	-0.08765	0.016355	-0.08664	-0.02171	-0.0853
0.088629	0.007667	0.087965	0.015276	-0.08664	0.022771	-0.08467	-0.0301	-0.08207
0.088574	0.009849	0.087479	0.019577	-0.0853	0.029062	-0.08207	-0.03819	-0.07782
0.088507	0.012026	0.086873	0.02383	-0.08363	0.035193	-0.07885	-0.04591	-0.07261
0.088425	0.014195	0.086147	0.028024	-0.08165	0.041131	-0.07504	-0.05318	-0.06651
0.088331	0.016355	0.085302	0.03215	-0.07935	0.046842	-0.07068	-0.05993	-0.05958
0.088222	0.018506	0.08434	0.036197	-0.07675	0.052296	-0.06578	-0.06609	-0.05191
0.088101	0.020645	0.083263	0.040156	-0.07385	0.057462	-0.06039	-0.07161	-0.04361
0.087965	0.022771	0.08207	0.044017	-0.07068	0.062312	-0.05454	-0.07643	-0.03476
0.087817	0.024884	0.080765	0.04777	-0.06723	0.06682	-0.04829	-0.0805	-0.02548
0.087655	0.026981	0.079349	0.051406	-0.06353	0.07096	-0.04168	-0.08379	-0.01589
0.087479	0.029062	0.077824	0.054917	-0.05958	0.07471	-0.03476	-0.08626	-0.0061
0.08729	0.031126	0.076192	0.058293	-0.05541	0.078049	-0.02758	-0.08788	0.00376
0.087088	0.03317	0.074455	0.061527	-0.05102	0.080959	-0.02019	-0.08865	0.013577
0.086873	0.035193	0.072615	0.064611	-0.04644	0.083424	-0.01264	-0.08855	0.023226
0.086644	0.037196	0.070676	0.067536	-0.04168	0.08543	-0.00501	-0.08758	0.032588
0.086402	0.039175	0.068639	0.070297	-0.03677	0.086966	0.002665	-0.08576	0.041547
0.086147	0.041131	0.066508	0.072885	-0.03171	0.088025	0.010318	-0.0831	0.049992
0.085878	0.043062	0.064286	0.075296	-0.02653	0.088599	0.017894	-0.07963	0.057819
0.085597	0.044966	0.061975	0.077522	-0.02125	0.088686	0.025336	-0.07538	0.064931
0.085302	0.046842	0.059579	0.079559	-0.01589	0.088285	0.032589	-0.07039	0.07124
0.084995	0.048691	0.057101	0.081402	-0.01047	0.087399	0.039597	-0.06471	0.076669
0.084674	0.050509	0.054545	0.083045	-0.00501	0.086032	0.04631	-0.05841	0.081149
0.084341	0.052296	0.051914	0.084486	0.000472	0.084192	0.052676	-0.05153	0.084626
0.083994	0.054052	0.049211	0.085719	0.005951	0.08189	0.058647	-0.04415	0.087057
0.083635	0.055774	0.04644	0.086744	0.011407	0.079136	0.06418	-0.03634	0.088411
0.083263	0.057463	0.043606	0.087556	0.016819	0.075948	0.069233	-0.02817	0.088672
0.082878	0.059116	0.040712	0.088154	0.022167	0.072343	0.073767	-0.01973	0.087837
0.082481	0.060733	0.037761	0.088537	0.027431	0.068339	0.07775	-0.01109	0.085915
0.082071	0.062313	0.034759	0.088704	0.03259	0.06396	0.08115	-0.00235	0.082931
0.081648	0.063855	0.031709	0.088653	0.037624	0.059229	0.083944	0.00642	0.078922
0.081213	0.065358	0.028615	0.088386	0.042514	0.054172	0.086109	0.015125	0.073937
0.080765	0.06682	0.025482	0.087903	0.047243	0.048817	0.08763	0.023681	0.068038
0.080306	0.068242	0.022314	0.087205	0.05179	0.043194	0.088495	0.032006	0.061297
0.079834	0.069623	0.019115	0.086293	0.05614	0.037334	0.088698	0.040018	0.053799
0.079349	0.070961	0.01589	0.085171	0.060276	0.031268	0.088237	0.04764	0.045635
0.078853	0.072255	0.012644	0.083841	0.064181	0.02503	0.087116	0.054795	0.036907
0.078344	0.073505	0.009379	0.082305	0.067841	0.018655	0.085343	0.061415	0.027723
0.077824	0.074711	0.006102	0.080569	0.071243	0.012177	0.082932	0.067435	0.018195
0.077292	0.07587	0.002817	0.078635	0.074372	0.005632	0.079899	0.072797	0.008443
0.076748	0.076984	-0.00047	0.076509	0.077217	-0.00094	0.076269	0.077446	-0.00141
0.076192	0.07805	-0.00376	0.074196	0.079767	-0.00751	0.072068	0.081339	-0.01125
0.075624	0.079068	-0.00705	0.071702	0.082012	-0.01404	0.067328	0.084437	-0.02095
0.075045	0.080039	-0.01032	0.069033	0.083945	-0.0205	0.062084	0.08671	-0.03039
0.074455	0.08096	-0.01358	0.066195	0.085556	-0.02684	0.056376	0.088136	-0.03946
0.073853	0.081832	-0.01682	0.063195	0.086841	-0.03303	0.050245	0.0887	-0.04804

0.07324	0.082653	-0.02004	0.06004	0.087795	-0.03904	0.043739	0.088398	-0.05602
0.072615	0.083425	-0.02323	0.056739	0.088413	-0.04483	0.036905	0.087232	-0.06331
0.07198	0.084145	-0.02639	0.053299	0.088693	-0.05038	0.029796	0.085213	-0.06982
0.071333	0.084814	-0.02951	0.049729	0.088635	-0.05565	0.022463	0.082362	-0.07546
0.070676	0.085431	-0.03259	0.046037	0.088238	-0.06062	0.014962	0.078706	-0.08017
0.070008	0.085996	-0.03563	0.042233	0.087504	-0.06525	0.007349	0.07428	-0.08389
0.069329	0.086508	-0.03861	0.038325	0.086436	-0.06953	-0.00032	0.069129	-0.08658
0.068639	0.086967	-0.04155	0.034324	0.085038	-0.07342	-0.00798	0.063303	-0.08819
0.067939	0.087373	-0.04443	0.030239	0.083315	-0.07691	-0.01559	0.056858	-0.08871
0.067229	0.087726	-0.04724	0.026079	0.081273	-0.07997	-0.02308	0.049857	-0.08813
0.066508	0.088025	-0.04999	0.021857	0.078922	-0.0826	-0.0304	0.042369	-0.08647
0.065778	0.088271	-0.05268	0.01758	0.076269	-0.08477	-0.03748	0.034467	-0.08374
0.065037	0.088462	-0.05529	0.013261	0.073325	-0.08647	-0.04429	0.026228	-0.07997
0.064286	0.088599	-0.05782	0.008909	0.070101	-0.0877	-0.05077	0.017733	-0.07521
0.063526	0.088683	-0.06028	0.004536	0.066609	-0.08845	-0.05687	0.009064	-0.06952
0.062755	0.088712	-0.06265	0.000151	0.062862	-0.08871	-0.06254	0.000307	-0.06297
0.061975	0.088686	-0.06493	-0.00423	0.058876	-0.08848	-0.06774	-0.00845	-0.05565
0.061186	0.088607	-0.06713	-0.00861	0.054665	-0.08777	-0.07244	-0.01713	-0.04763
0.060387	0.088473	-0.06923	-0.01296	0.050245	-0.08657	-0.07659	-0.02564	-0.03903
0.059579	0.088286	-0.07124	-0.01728	0.045633	-0.0849	-0.08017	-0.0339	-0.02994
0.058762	0.088044	-0.07315	-0.02156	0.040846	-0.08276	-0.08316	-0.04183	-0.02049
0.057936	0.087748	-0.07496	-0.02579	0.035904	-0.08017	-0.08552	-0.04935	-0.01078
0.057101	0.087399	-0.07667	-0.02995	0.030825	-0.07713	-0.08723	-0.05638	-0.00093
0.056258	0.086997	-0.07827	-0.03404	0.025628	-0.07367	-0.0883	-0.06287	0.00892
0.055406	0.086541	-0.07977	-0.03805	0.020333	-0.06981	-0.08871	-0.06874	0.018664
0.054545	0.086033	-0.08115	-0.04197	0.01496	-0.06556	-0.08845	-0.07394	0.028177
0.053676	0.085471	-0.08242	-0.04578	0.009531	-0.06095	-0.08753	-0.07842	0.037342
0.052799	0.084858	-0.08358	-0.04948	0.004065	-0.05601	-0.08595	-0.08213	0.046045
0.051914	0.084193	-0.08463	-0.05306	-0.00142	-0.05076	-0.08374	-0.08504	0.054179
0.05102	0.083476	-0.08556	-0.05651	-0.00689	-0.04523	-0.08089	-0.08712	0.061643
0.050119	0.082708	-0.08637	-0.05982	-0.01234	-0.03945	-0.07744	-0.08834	0.068344
0.049211	0.08189	-0.08706	-0.06298	-0.01775	-0.03345	-0.07341	-0.08871	0.074201
0.048295	0.081021	-0.08763	-0.06599	-0.02308	-0.02727	-0.06883	-0.0882	0.07914
0.047371	0.080104	-0.08808	-0.06884	-0.02833	-0.02094	-0.06374	-0.08684	0.0831
0.04644	0.079137	-0.08841	-0.07152	-0.03347	-0.0145	-0.05817	-0.08462	0.086033
0.045502	0.078121	-0.08862	-0.07403	-0.03848	-0.00797	-0.05216	-0.08158	0.087903
0.044557	0.077058	-0.08871	-0.07636	-0.04334	-0.0014	-0.04576	-0.07774	0.088685
0.043606	0.075948	-0.08867	-0.07849	-0.04804	0.005175	-0.03903	-0.07315	0.088371
0.042648	0.074792	-0.08852	-0.08044	-0.05255	0.011724	-0.03199	-0.06783	0.086964
0.041683	0.07359	-0.08824	-0.08219	-0.05687	0.018208	-0.02472	-0.06186	0.084481
0.040711	0.072342	-0.08784	-0.08374	-0.06097	0.024591	-0.01727	-0.05528	0.080955
0.039734	0.071051	-0.08732	-0.08509	-0.06483	0.03084	-0.00968	-0.04816	0.076427
0.038751	0.069716	-0.08668	-0.08622	-0.06845	0.036919	-0.00203	-0.04057	0.070954
0.037761	0.068339	-0.08592	-0.08715	-0.0718	0.042794	0.005645	-0.03258	0.064604
0.036766	0.06692	-0.08504	-0.08786	-0.07488	0.048435	0.013275	-0.02427	0.057455
0.035765	0.065459	-0.08404	-0.08836	-0.07768	0.053809	0.020806	-0.01573	0.049595
0.034759	0.063959	-0.08293	-0.08864	-0.08018	0.058888	0.028181	-0.00703	0.041123
0.033747	0.06242	-0.08171	-0.08871	-0.08237	0.063642	0.035345	0.001732	0.032142
0.032731	0.060843	-0.08037	-0.08856	-0.08425	0.068047	0.042245	0.010481	0.022763
0.031709	0.059228	-0.07892	-0.08819	-0.0858	0.072077	0.048828	0.019127	0.013103
0.030682	0.057577	-0.07737	-0.0876	-0.08703	0.075711	0.055046	0.027586	0.003281
0.029651	0.055891	-0.0757	-0.08681	-0.08793	0.078929	0.060853	0.035775	-0.00658
0.028615	0.054171	-0.07394	-0.0858	-0.08849	0.081713	0.066204	0.043615	-0.01636
0.027575	0.052418	-0.07207	-0.08458	-0.08871	0.084047	0.071059	0.051029	-0.02594
0.026531	0.050633	-0.0701	-0.08315	-0.08859	0.085919	0.075383	0.057944	-0.0352
0.025482	0.048817	-0.06804	-0.08152	-0.08814	0.087319	0.079142	0.064293	-0.04402
0.02443	0.046971	-0.06588	-0.07969	-0.08734	0.088239	0.08231	0.070014	-0.0523
0.023374	0.045096	-0.06363	-0.07767	-0.08622	0.088674	0.084861	0.07505	-0.05993

0.022314	0.043193	-0.0613	-0.07546	-0.08476	0.08862	0.086778	0.079353	-0.06682
0.021251	0.041265	-0.05888	-0.07306	-0.08299	0.08808	0.088045	0.082881	-0.07289
0.020185	0.039311	-0.05637	-0.07048	-0.08089	0.087055	0.088653	0.085598	-0.07805
0.019115	0.037333	-0.0538	-0.06773	-0.07849	0.085552	0.088598	0.08748	-0.08225
0.018043	0.035332	-0.05114	-0.06482	-0.07578	0.083578	0.08788	0.088506	-0.08543
0.016968	0.03331	-0.04842	-0.06175	-0.07279	0.081145	0.086504	0.088668	-0.08756
0.01589	0.031267	-0.04563	-0.05852	-0.06952	0.078265	0.084481	0.087963	-0.0886
0.01481	0.029205	-0.04278	-0.05515	-0.06598	0.074955	0.081825	0.086398	-0.08854
0.013728	0.027125	-0.03987	-0.05165	-0.06219	0.071233	0.078558	0.083989	-0.0874
0.012643	0.025029	-0.0369	-0.04802	-0.05817	0.067119	0.074702	0.08076	-0.08517
0.011557	0.022917	-0.03389	-0.04428	-0.05392	0.062636	0.070288	0.076741	-0.08189
0.010469	0.020792	-0.03082	-0.04043	-0.04946	0.05781	0.065348	0.071973	-0.07759
0.009379	0.018653	-0.02772	-0.03647	-0.04482	0.052664	0.059918	0.0665	-0.07234
0.008288	0.016504	-0.02457	-0.03243	-0.04001	0.047229	0.05404	0.060379	-0.06619
0.007195	0.014343	-0.0214	-0.02831	-0.03504	0.041533	0.047756	0.053664	-0.05922
0.006106	0.012183	-0.0182	-0.02414	-0.02996	0.035635	0.041145	0.046462	-0.05156
0.004999	0.009983	-0.01493	-0.01984	-0.02468	0.029444	0.034113	0.038674	-0.04311
0.003911	0.007815	-0.0117	-0.01557	-0.01941	0.023205	0.026959	0.030662	-0.03431
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0.00187	0.00374	-0.00561	-0.00748	-0.00934	0.011208	0.01307	0.014929	-0.01678

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0.027822	-0.0305	-0.03315	0.035766	0.038348	-0.04089	0.043396	0.045859	-0.04828
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0.047414	-0.05156	-0.05555	0.059359	0.062978	-0.0664	0.069602	0.072585	-0.07534
0.056412	-0.061	-0.0653	0.069287	0.072949	-0.07626	0.079219	0.081797	-0.08399
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0.077363	-0.08152	-0.08476	0.087056	0.088369	-0.08869	0.088013	0.086345	-0.08371
0.082126	-0.08551	-0.0877	0.088662	0.088382	-0.08686	0.084127	0.08021	-0.07517
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0.087836	-0.08871	-0.08777	0.085033	0.080558	-0.07444	0.066788	0.057772	-0.04757
0.088697	-0.08786	-0.0849	0.079894	0.07296	-0.06426	0.054014	0.04246	-0.02988
0.088204	-0.08539	-0.08017	0.072697	0.063181	-0.05189	0.039135	0.025279	-0.01071
0.086366	-0.08134	-0.07367	0.063626	0.051516	-0.03773	0.02273	0.006987	0.008985
0.083209	-0.07579	-0.06556	0.052916	0.038311	-0.02229	0.005439	-0.01161	0.028237
0.078782	-0.06884	-0.05601	0.040842	0.023961	-0.00608	-0.01206	-0.0297	0.046097
0.073153	-0.06062	-0.04523	0.027716	0.008896	0.010343	-0.0291	-0.04648	0.061684
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0.030542	-0.00642	0.018201	-0.04141	-0.06142	0.076679	-0.086	-0.08866	0.084458
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0.01896	-0.06753	-0.08857	0.073498	0.028456	0.028189	-0.07334	-0.08858	0.067702
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0.049077	-0.08481	-0.08207	0.042091	-0.01698	0.068349	-0.08871	-0.06881	0.017693
0.057814	-0.08755	-0.07619	0.029055	-0.03172	0.077602	-0.08705	-0.05562	-0.00192
0.065669	-0.08868	-0.06864	0.015269	-0.04551	0.084195	-0.082	-0.03998	-0.02145
0.072522	-0.08817	-0.05958	0.00109	-0.05794	0.087901	-0.07375	-0.02259	-0.03991

0.078268	-0.08603	-0.04921	-0.01312	-0.06864	0.088594	-0.06262	-0.00419	-0.05641
0.082819	-0.0823	-0.03776	-0.02699	-0.07729	0.086249	-0.04906	0.01438	-0.07012
0.086106	-0.07706	-0.02548	-0.04016	-0.08363	0.080948	-0.03358	0.032323	-0.08038
0.08808	-0.07039	-0.01264	-0.0523	-0.08748	0.072871	-0.01679	0.048843	-0.08668
0.088709	-0.06242	0.000472	-0.06309	-0.08871	0.062297	0.00065	0.063215	-0.0887
0.087984	-0.0533	0.013577	-0.07225	-0.08728	0.049587	0.018067	0.074805	-0.08635
0.085916	-0.0432	0.026384	-0.07956	-0.08326	0.035176	0.034779	0.083104	-0.07974
0.082538	-0.0323	0.038612	-0.08481	-0.07674	0.01956	0.050136	0.087747	-0.0692
0.077899	-0.0208	0.049991	-0.08788	-0.06793	0.003274	0.063538	0.088529	-0.05525
0.072072	-0.00892	0.060273	-0.08868	-0.05709	-0.01313	0.074462	0.085416	-0.03858
0.065145	0.003131	0.06923	-0.0872	-0.04455	-0.02907	0.082483	0.078546	-0.02
0.057224	0.01512	0.076667	-0.08347	-0.03067	-0.04403	0.087289	0.068219	-0.00043
0.048429	0.02683	0.082421	-0.07759	-0.01588	-0.05747	0.08869	0.054891	0.019151
0.038895	0.038044	0.086364	-0.06971	-0.00062	-0.06894	0.086634	0.039148	0.037791
0.028768	0.048556	0.08841	-0.06004	0.014666	-0.07805	0.0812	0.021683	0.054569
0.018201	0.058172	0.088514	-0.04881	0.029512	-0.08448	0.0726	0.003263	0.068656
0.007357	0.066714	0.086674	-0.03633	0.043476	-0.08802	0.06117	-0.0153	0.079358
-0.0036	0.074024	0.082931	-0.02292	0.056142	-0.08854	0.047354	-0.03319	0.086147
-0.0145	0.079967	0.077366	-0.00891	0.06713	-0.08603	0.031692	-0.04962	0.08869
-0.02518	0.084435	0.070101	0.005327	0.076112	-0.08056	0.014795	-0.06387	0.086859
-0.03548	0.087343	0.061297	0.019427	0.082821	-0.07233	-0.00268	-0.0753	0.080747
-0.04523	0.088639	0.051147	0.033026	0.087056	-0.06163	-0.02005	-0.08343	0.070653
-0.0543	0.088299	0.039873	0.045774	0.088689	-0.04881	-0.03664	-0.08788	0.057076
-0.06253	0.086328	0.027724	0.057343	0.087673	-0.03432	-0.0518	-0.08847	0.040685
-0.06981	0.082764	0.014966	0.067434	0.084038	-0.01865	-0.06494	-0.08516	0.022288
-0.07603	0.077672	0.001878	0.075787	0.077892	-0.00234	-0.07555	-0.07811	0.002792
-0.08108	0.071146	-0.01125	0.082187	0.06942	0.01405	-0.08321	-0.06762	-0.01684
-0.0849	0.063306	-0.02413	0.08647	0.058873	0.029956	-0.08763	-0.05416	-0.03564
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-0.08861	0.044287	-0.04803	0.088297	0.032871	0.058179	-0.08618	-0.02078	-0.06714
-0.08845	0.033459	-0.05853	0.085795	0.018192	0.069527	-0.08036	-0.00233	-0.07828
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-0.06814	-0.02563	-0.08819	0.04333	-0.0543	0.085792	-0.01279	0.075791	-0.07205
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0.010003	-0.08712	-0.04196	-0.06209	-0.07899	-0.01497	0.08792	0.037466	0.065573
0.020795	-0.08858	-0.02995	-0.07143	-0.07086	-0.03084	0.088521	0.019869	0.077139
0.03127	-0.08841	-0.01728	-0.07892	-0.06061	-0.04564	0.085671	0.001399	0.084902
0.041267	-0.08661	-0.00423	-0.08439	-0.04855	-0.05888	0.079481	-0.01713	0.088479
0.050634	-0.08321	0.008915	-0.08768	-0.03504	-0.0701	0.070191	-0.03491	0.087693
0.059229	-0.07827	0.021861	-0.08871	-0.02049	-0.07892	0.058165	-0.05115	0.082584
0.06692	-0.07189	0.034327	-0.08745	-0.00532	-0.08504	0.043871	-0.06515	0.073404
0.07359	-0.06418	0.04604	-0.08394	0.010007	-0.08823	0.027867	-0.07627	0.060605
0.079136	-0.05528	0.056741	-0.07827	0.025035	-0.08841	0.010776	-0.08404	0.044817
0.083475	-0.04537	0.066195	-0.07058	0.039316	-0.08555	-0.00674	-0.08811	0.02682
0.08654	-0.03462	0.074196	-0.06107	0.052421	-0.07976	-0.02398	-0.08831	0.007501
0.088284	-0.02322	0.080568	-0.04999	0.063961	-0.07123	-0.0403	-0.08462	-0.01219
0.08868	-0.0114	0.085169	-0.03762	0.07359	-0.06027	-0.05504	-0.07721	-0.03128
0.087724	0.000626	0.0879	-0.02428	0.08102	-0.04723	-0.06764	-0.0664	-0.04882
0.085428	0.012646	0.088701	-0.01031	0.08603	-0.03258	-0.07759	-0.05267	-0.06396

0.081829	0.024431	0.087553	0.003916	0.088469	-0.01681	-0.08453	-0.03662	-0.07595
0.076981	0.035766	0.084482	0.018046	0.088266	-0.00047	-0.08817	-0.01896	-0.08419
0.070958	0.04644	0.079556	0.03171	0.085426	0.015894	-0.08837	-0.00047	-0.08828
0.063852	0.056257	0.072882	0.044558	0.080033	0.031711	-0.08512	0.018047	-0.08802
0.055772	0.065036	0.064608	0.056257	0.07225	0.04644	-0.07856	0.035767	-0.08342
0.046841	0.072614	0.054914	0.066507	0.062308	0.059578	-0.06893	0.051913	-0.0747
0.037194	0.078851	0.044015	0.075043	0.050505	0.070673	-0.05662	0.065775	-0.06231
0.02698	0.083633	0.032148	0.081645	0.037193	0.079346	-0.0421	0.076743	-0.04684
0.016355	0.08687	0.019576	0.086143	0.02277	0.085298	-0.02593	0.084335	-0.02906
0.005479	0.088504	0.006573	0.088422	0.007666	0.088326	-0.00876	0.088216	-0.00985
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-0.07698	0.035766	-0.08448	0.018046	-0.08827	-0.00047	0.088167	-0.01896	0.084189
-0.08183	0.024431	-0.08755	0.003916	-0.08847	-0.01681	0.084529	-0.03662	0.075947
-0.08543	0.012646	-0.0887	-0.01031	-0.08603	-0.03258	0.077595	-0.05267	0.063962
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0.060617	-0.03691	0.088638	0.030386	0.065568	0.080164	-0.00471	0.083738	0.058861
0.068141	-0.02563	0.088186	0.04333	0.054301	0.085792	0.012789	0.075791	0.072054
0.074624	-0.01388	0.085797	0.055157	0.041411	0.088479	0.029787	0.064509	0.081695
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0.086934	0.022013	0.067737	0.081082	-0.00297	0.078491	0.071415	0.016217	0.085555
0.088448	0.033459	0.058527	0.085795	-0.01819	0.069527	0.080362	-0.00233	0.078276
0.088612	0.044287	0.048032	0.088297	-0.03287	0.058179	0.086175	-0.02078	0.067138
0.087424	0.054298	0.036482	0.088524	-0.04657	0.044836	0.088629	-0.03831	0.05269
0.084902	0.063306	0.024131	0.08647	-0.05887	0.029956	0.087627	-0.05416	0.035644
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0.069812	0.082764	-0.01497	0.067434	-0.08404	-0.01865	0.064938	-0.08516	-0.02229
0.062531	0.086328	-0.02772	0.057343	-0.08767	-0.03432	0.051798	-0.08847	-0.04068
0.054296	0.088299	-0.03987	0.045774	-0.08869	-0.04881	0.036638	-0.08788	-0.05708
0.045231	0.088639	-0.05115	0.033026	-0.08706	-0.06163	0.02005	-0.08343	-0.07065
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0.014501	0.079967	-0.07737	-0.00891	-0.06713	-0.08603	-0.03169	-0.04962	-0.08869
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0.002824	-0.0496	0.083261	0.085425	-0.05527	-0.00421	0.048448	-0.08277	-0.08578
0.013734	-0.03917	0.077823	0.08815	-0.06639	-0.02047	0.032902	-0.0743	-0.08865
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0.080766	0.052295	-0.01031	0.034334	-0.07011	-0.08777	-0.08275	0.056344	0.015376
0.084674	0.061526	-0.02322	0.020804	-0.0597	-0.0839	-0.08742	0.069396	0.034275
0.087289	0.069621	-0.03562	0.006737	-0.04751	-0.07714	-0.08867	0.079395	0.051484
0.088573	0.076431	-0.04724	-0.0075	-0.03391	-0.06775	-0.08647	0.085901	0.066155
0.088504	0.081829	-0.05781	-0.02155	-0.01928	-0.05603	-0.0809	0.088627	0.077564
0.087085	0.085717	-0.06712	-0.03504	-0.00409	-0.04239	-0.07218	0.087454	0.085149
0.084337	0.088023	-0.07496	-0.04763	0.011234	-0.0273	-0.06064	0.082434	0.088536
0.080302	0.088703	-0.08115	-0.05899	0.026218	-0.01127	-0.04673	0.073786	0.087558
0.075041	0.087746	-0.08555	-0.06883	0.040419	0.005143	-0.03101	0.061893	0.082264
0.068635	0.085169	-0.08808	-0.0769	0.053413	0.021381	-0.01407	0.047276	0.072913
0.061182	0.08102	-0.08867	-0.08298	0.06481	0.036886	0.003411	0.030579	0.059968
0.052795	0.075375	-0.08732	-0.08693	0.074272	0.051127	0.020761	0.012537	0.044066
0.043602	0.068338	-0.08404	-0.08864	0.081515	0.063615	0.037303	-0.00606	0.025991
0.033743	0.06004	-0.07892	-0.08806	0.086323	0.073922	0.05239	-0.02438	0.006635
0.02337	0.050634	-0.07207	-0.08521	0.088551	0.081695	0.065434	-0.04164	-0.01305
0.01264	0.040292	-0.06364	-0.08017	0.088134	0.086667	0.075927	-0.05706	-0.03209
0.001717	0.029207	-0.0538	-0.07307	0.085085	0.088668	0.083459	-0.06997	-0.04955
-0.00923	0.017583	-0.04279	-0.06407	0.079493	0.08763	0.087738	-0.07981	-0.06456
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-0.08637	-0.08134	0.073675	0.063626	-0.05152	-0.03773	-0.02273	0.006987	-0.00898
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0.035072	0.036865	-0.03865	0.040426	0.042194	-0.04395	-0.0457	0.047439	-0.04917
0.050645	0.052965	-0.05523	0.057445	0.059601	-0.0617	-0.06373	0.065703	-0.06761
0.066024	0.068586	-0.07101	0.073303	0.075449	-0.07745	-0.07929	0.080982	-0.08251
0.077843	0.080101	-0.0821	0.083837	0.085301	-0.08649	-0.0874	0.088019	-0.08836
0.085776	0.087158	-0.08812	0.08867	0.088792	-0.08849	-0.08776	0.086613	-0.08505
0.088664	0.088558	-0.08786	0.086585	0.08473	-0.08231	-0.07934	0.07584	-0.07183
0.08678	0.084676	-0.08183	0.078254	0.07399	-0.06907	-0.06354	0.05745	-0.05085
0.080123	0.075636	-0.0703	0.06416	0.057299	-0.04979	-0.04171	0.033162	-0.02423
0.06907	0.062001	-0.05406	0.045356	0.036013	-0.02616	-0.01594	0.005486	0.005046
0.05422	0.044591	-0.0342	0.023212	0.011829	-0.00024	0.011356	-0.02276	0.033777
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0.069371	0.084878	-0.08839	0.079418	0.059219	-0.03065	0.002256	-0.03484	0.062506
0.080331	0.088603	-0.08354	0.065889	0.03832	-0.00498	0.029115	-0.05882	0.07967
0.08688	0.08694	-0.07308	0.047518	0.014345	0.021127	0.053216	-0.07678	0.088043
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0.08557	0.068176	-0.03851	0.001904	-0.03504	0.065681	0.084488	-0.08808	0.075792
0.077782	0.052217	-0.01671	-0.02199	-0.05649	0.080238	0.088697	-0.08026	0.05652
0.065724	0.033083	0.006212	-0.04426	-0.0734	0.087785	0.084504	-0.06422	0.031012
0.050057	0.011937	0.028715	-0.06328	-0.08442	0.087663	0.072306	-0.04161	0.002081
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0.075178	0.020885	0.045296	-0.08569	-0.07731	0.024908	-0.04167	0.084522	-0.07925
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0.075306	0.078317	-0.00324	-0.07507	-0.07852	0.003675	-0.07483	0.078716	-0.0041
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0.086831	-0.00455	0.08823	-0.0226	0.081274	-0.04761	0.066621	-0.06811	-0.04566
0.080228	-0.02609	0.087619	0.001269	0.087976	-0.02365	0.081274	-0.04667	-0.06805
0.06922	-0.04604	0.081136	0.025045	0.087616	0.00237	0.088227	-0.02046	-0.08293

0.054412	-0.0632	0.069217	0.04698	0.080222	0.028186	0.086823	0.007846	-0.08866
0.036616	-0.07651	0.05266	0.065463	0.066387	0.051539	0.077193	0.035351	-0.0846
0.016809	-0.08517	0.032575	0.079134	0.047223	0.07039	0.060251	0.059236	-0.07121
-0.00392	-0.08864	0.010307	0.086989	0.024268	0.083092	0.037602	0.077056	-0.04997
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-0.04361	-0.07955	-0.03476	0.083412	-0.02549	0.086243	-0.0159	0.088008	0.006117
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-0.08326	-0.03214	-0.08206	0.035187	-0.08076	0.03818	-0.07934	0.04112	0.077812
-0.08809	-0.01094	-0.08796	0.012023	-0.08781	0.013108	-0.08764	0.014191	0.087463
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-0.07385	0.051398	-0.07067	-0.05576	-0.06722	-0.05992	-0.06352	-0.06384	0.059575
-0.06039	0.067527	-0.05454	-0.07224	-0.04829	-0.07642	-0.04168	-0.08002	0.034764
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0.016809	0.085166	0.032575	-0.07913	0.047223	-0.07039	0.060251	-0.05924	-0.07121
0.036616	0.076508	0.05266	-0.06546	0.066387	-0.05154	0.077193	-0.03535	-0.0846
0.054412	0.063198	0.069217	-0.04698	0.080222	-0.02819	0.086823	-0.00785	-0.08866
0.06922	0.046045	0.081136	-0.02505	0.087616	-0.00237	0.088227	0.020462	-0.08293
0.080228	0.026092	0.087619	-0.00127	0.087976	0.023653	0.081274	0.046675	-0.06805
0.086831	0.004553	0.08823	0.0226	0.081274	0.047609	0.066621	0.068108	-0.04566
0.088666	-0.01726	0.08293	0.044808	0.068046	0.067407	0.045658	0.082568	-0.01824
0.085633	-0.03803	0.072074	0.063723	0.049356	0.081315	0.020369	0.088574	0.011204
0.077898	-0.05648	0.056388	0.077954	0.026704	0.08812	-0.00685	0.08551	0.039406
0.065887	-0.0715	0.036924	0.086457	0.001907	0.087227	-0.03342	0.073691	0.063261
0.050257	-0.08217	0.014986	0.088605	-0.02304	0.078714	-0.05682	0.054326	0.080135
0.031868	-0.08785	-0.00796	0.084241	-0.04614	0.063324	-0.07484	0.029398	0.088166
0.011729	-0.08818	-0.03037	0.073686	-0.06554	0.042402	-0.08577	0.001461	0.086469
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0.001226	0.080706	0.066163	-0.02747	0.088264	0.043544	0.05323	0.086367	0.016253
0.021833	0.069246	0.079111	-0.00381	0.082259	0.064231	0.029132	0.088324	0.043918
0.04124	0.053575	0.086758	0.020135	0.06965	0.079307	0.002274	0.081237	0.066737
0.058383	0.034646	0.088592	0.042598	0.051449	0.087454	-0.0248	0.065831	0.082192
0.072321	0.013611	0.084489	0.061931	0.029118	0.087962	-0.04952	0.043686	0.088577
0.082288	-0.00825	0.074726	0.076711	0.004449	0.080785	-0.06956	0.017067	0.085188
0.087736	-0.02961	0.059956	0.085854	-0.02058	0.066551	-0.083	-0.0113	0.0724
0.088368	-0.04917	0.041169	0.088687	-0.04395	0.046503	-0.08858	-0.03851	0.051622
0.084147	-0.06574	0.019623	0.085001	-0.0638	0.022392	-0.08577	-0.06178	0.025149
0.075306	-0.07832	-0.00324	0.075069	-0.07852	-0.00367	-0.07483	-0.07872	-0.0041
0.062331	-0.08613	-0.02588	0.059619	-0.08694	-0.02942	-0.05681	-0.0876	-0.0329
0.045933	-0.0887	-0.04679	0.039788	-0.08838	-0.0526	-0.0334	-0.08751	-0.05806
0.027013	-0.08588	-0.06457	0.017032	-0.08273	-0.07118	-0.00683	-0.07846	-0.07682
0.00661	-0.07784	-0.07801	-0.00698	-0.07043	-0.08354	0.020386	-0.06138	-0.0871
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0.006369	0.060541	0.088701	0.060088	0.006987	0.069588	-0.08764	-0.04959	0.020208
0.026782	0.042835	0.085808	0.075405	-0.0181	0.050471	-0.08764	-0.07028	-0.0092
0.045726	0.022525	0.077166	0.085181	-0.04172	0.026945	-0.07933	-0.08377	-0.03759
0.062158	0.000846	0.063353	0.088696	-0.062	0.001065	-0.06351	-0.08869	-0.06183
0.075178	-0.02089	0.045296	0.085692	-0.07731	-0.02491	-0.04167	-0.08452	-0.07925
0.08407	-0.04135	0.024203	0.07639	-0.0864	-0.04871	-0.01588	-0.0717	-0.08792
0.088346	-0.05929	0.001489	0.061474	-0.08856	-0.06825	0.011407	-0.05154	-0.0869
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0.045844	-0.02939	0.011705	-0.00648	0.024395	0.041287	-0.05644	0.069223	0.079086
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0.010806	-0.03965	0.06392	0.080815	-0.08838	-0.08574	0.0732	-0.0522	-0.02516
0.040027	-0.06496	0.081855	0.088613	-0.0844	-0.06972	0.046406	-0.01734	0.013886
0.064502	-0.08202	0.088664	0.083561	-0.06738	-0.04226	0.011538	0.02072	0.050231
0.081328	-0.08865	0.083422	0.066391	-0.03996	-0.00787	-0.02534	0.054958	0.076795
0.08851	-0.08401	0.066841	0.039593	-0.00637	0.027814	-0.0578	0.079073	0.088405
0.085196	-0.06869	0.041175	0.007054	0.028201	0.058935	-0.08021	0.088621	0.082802
0.071779	-0.04464	0.009912	-0.02651	0.05842	0.080387	-0.08867	0.081843	0.061077
0.04985	-0.01492	-0.0227	-0.05623	0.079619	0.088651	-0.08169	0.059988	0.027459
0.02201	0.016697	-0.05222	-0.07779	0.088524	0.082371	-0.0605	0.027083	-0.01151
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0.006068	-0.05241	0.082533	0.08711	-0.06472	-0.02229	-0.02704	0.067998	0.087897
0.035724	-0.07418	0.08869	0.074565	-0.03636	0.013583	-0.05914	0.085599	0.084402
0.061144	-0.08652	0.082792	0.051207	-0.00239	0.047231	-0.08096	0.087432	0.064473
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0.088077	-0.07804	0.039567	-0.01332	0.061359	0.087032	-0.08098	0.045407	-0.00672
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0.053714	-2.68E-05	-0.05367	-0.08546	0.082368	0.045646	0.009713	-0.06111	-0.08755
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0.001313	-0.06368	0.088679	0.061628	0.001595	0.063881	-0.08867	0.061398	-0.00192
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0.057609	-0.08857	0.064412	0.000173	0.064174	0.088579	-0.05785	-0.00889	-0.07009
0.077069	-0.08459	0.037943	-0.033	0.082804	0.079583	-0.02539	-0.04506	-0.08665
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0.057423	0.014869	-0.07654	-0.08352	0.030831	-0.04389	0.087246	-0.06826	-0.00049
0.031088	0.044598	-0.08757	-0.06631	-0.00359	-0.07086	0.086145	-0.03823	0.037727
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0.022248	-0.08845	0.034647	-0.06616	0.077201	-0.01651	0.087814	-0.03997	0.062106
0.050053	-0.08513	0.002709	-0.08344	0.054423	-0.04971	0.08523	-0.0031	0.083304
0.071923	-0.07098	-0.0296	-0.08863	0.023242	-0.07477	0.067815	0.034337	0.088281
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0.052	0.086921	0.019885	0.070475	0.078162	0.00584	0.082989	0.062779	0.03108
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0.003447	-0.07315	-0.08143	0.013665	-0.06686	0.084937	0.023683	-0.05969	0.087306
0.033306	-0.0509	-0.08863	0.045434	-0.03925	0.088089	0.056488	-0.0267	0.0855
0.059216	-0.02219	-0.08379	0.070615	-0.00558	0.07679	0.079464	0.011213	0.067046

0.078103	0.00935	-0.06755	0.085555	0.028955	0.052892	0.088614	0.047058	0.035537
0.087729	0.039697	-0.04214	0.088088	0.059017	0.020317	0.082345	0.074234	-0.00289
0.086952	0.064998	-0.011	0.077847	0.079966	-0.01559	0.061748	0.087735	-0.04076
0.075864	0.082037	0.02164	0.056316	0.088569	-0.04894	0.030406	0.085073	-0.07069
0.055779	0.088648	0.051336	0.026619	0.083497	-0.07426	-0.00623	0.06674	-0.08685
0.02908	0.083992	0.074054	-0.00694	0.065533	-0.0874	-0.04177	0.036112	-0.08611
-0.00107	0.068659	0.086707	-0.03949	0.037451	-0.0862	-0.07005	-0.00117	-0.0686
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0.028848	-0.03798	-0.08318	0.081003	0.032692	0.03424	0.081667	0.082568	-0.03643
0.055588	-0.00745	-0.06637	0.088631	0.061931	-0.00102	0.060457	0.088528	-0.06768
0.075736	0.02403	-0.04054	0.083406	0.081609	-0.03611	0.028728	0.078179	-0.08575
0.086903	0.052454	-0.0092	0.066085	0.088686	-0.06528	-0.008	0.053428	-0.08713
0.087765	0.07421	0.023387	0.039181	0.08207	-0.08373	-0.04334	0.018834	-0.07154
0.078219	0.086533	0.052798	0.006595	0.062782	-0.08846	-0.07113	-0.01923	-0.04202
0.059398	0.087857	0.075033	-0.02695	0.033802	-0.07866	-0.08655	-0.05375	-0.00432
0.033533	0.078014	0.087069	-0.05658	-0.0004	-0.05597	-0.08691	-0.07837	0.034221
0.003692	0.058254	0.08727	-0.07801	-0.03454	-0.02409	-0.07215	-0.08855	0.0661
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0.024308	-0.02398	-0.06516	0.087023	0.083086	-0.05451	-0.00977	0.037869	-0.07428
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0.073151	0.038027	-0.0074	0.05083	0.080477	-0.0883	-0.07218	-0.03648	-0.00912
0.085827	0.06372	0.025124	0.019974	0.059905	-0.08433	-0.08692	-0.06701	0.029735
0.088325	0.081313	0.054238	-0.01378	0.030084	-0.06652	-0.08654	-0.08519	0.062798
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0.062846	0.08457	0.087394	-0.07068	-0.03817	-0.00288	-0.04328	-0.07401	0.088184
0.037889	0.069819	0.08693	-0.08559	-0.06607	0.032517	-0.00794	-0.04672	0.075564
0.00844	0.046194	0.07465	-0.08807	-0.08376	0.062577	0.028783	-0.01081	0.04823
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0.070356	0.050944	0.026851	-0.00029	0.026305	-0.05048	-0.07002	-0.08311	0.088562
0.084504	0.073176	0.055656	-0.03342	-0.00836	-0.01742	-0.04172	-0.06249	0.077969
0.088631	0.086107	0.076896	-0.06171	-0.04173	0.018502	-0.00617	-0.03036	0.052194
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0.066113	0.07888	0.086554	-0.08864	-0.08499	0.075842	0.06179	0.043735	-0.02285
0.042137	0.059642	0.073659	-0.08337	-0.08819	0.087854	0.082366	0.072048	-0.0575
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0.06734	0.062396	0.057031	-0.05128	-0.04518	0.038774	0.032101	0.025207	-0.01814
0.083074	0.080698	0.077932	-0.07479	-0.07128	0.067426	0.063242	0.058748	-0.05397
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-0.03818	-0.04073	-0.08738	0.064815	-0.00909	0.075791	-0.08245	-0.02378	-0.05373
0.001079	-0.07197	-0.08443	0.028345	-0.05075	0.088636	-0.05455	0.02384	-0.08286
0.040117	-0.08762	-0.06224	-0.01491	-0.07966	0.078134	-0.0116	0.06458	-0.08702
0.070912	-0.08431	-0.02588	-0.0546	-0.08855	0.047052	0.034539	0.086694	-0.06496
0.087136	-0.06273	0.016386	-0.08121	-0.07519	0.003576	0.071156	0.083803	-0.02333
0.085454	-0.02758	0.054915	-0.08838	-0.04294	-0.04084	0.088149	0.05674	0.025339
0.066214	0.013547	0.080932	-0.07439	0.000106	-0.0745	0.080832	0.013312	0.066369
0.033367	0.051741	0.088509	-0.04259	0.043122	-0.08854	0.051223	-0.03396	0.0874
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-0.08796	0.052962	-0.03601	0.088277	0.050577	0.038671	-0.0885	-0.04812	-0.04131
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0.011571	-0.08382	-0.06333	-0.02723	-0.08766	0.051097	0.042005	0.088621	-0.03717
0.0492	-0.08784	-0.02735	-0.06401	-0.08312	0.008423	0.075779	0.074443	0.010923
0.076719	-0.07284	0.014864	-0.08546	-0.0577	-0.03647	0.088656	0.038794	0.05572
0.088473	-0.04207	0.053693	-0.08645	-0.01777	-0.07176	0.077082	-0.00805	0.083727
0.082047	-0.00218	0.080288	-0.06674	0.026617	-0.08814	0.04425	-0.05256	0.086504
0.058762	0.038172	0.08859	-0.03106	0.064318	-0.08131	-0.00079	-0.08192	0.063214
0.023403	0.070262	0.076707	0.012066	0.085857	-0.05306	-0.0456	-0.08765	0.020876
-0.01677	0.087138	0.047347	0.0523	0.085822	-0.01084	-0.07785	-0.0681	-0.02775
-0.05349	0.085147	0.0072	0.080012	0.064221	0.034243	-0.08862	-0.0289	-0.06802
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0.021901	-0.0886	-0.02882	-0.0721	-0.07009	-0.03199	0.088389	0.018594	0.077744
0.057591	-0.08064	0.013339	-0.08796	-0.03492	-0.0688	0.07266	-0.02894	0.088527
0.081446	-0.05522	0.052455	-0.08275	0.009019	-0.08748	0.036892	-0.06812	0.072634
0.088565	-0.01785	0.07962	-0.05773	0.050693	-0.08313	-0.00905	-0.08765	0.034854
0.077486	0.023396	0.088644	-0.01889	0.079628	-0.05687	-0.0525	-0.08191	-0.01343
0.050484	0.059573	0.077471	0.024473	0.088554	-0.01564	-0.08146	-0.05254	-0.05767
0.013109	0.082849	0.048647	0.06198	0.075228	0.029712	-0.08797	-0.00801	-0.08453
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0.031923	-0.0859	0.011809	-0.08866	-0.00895	-0.08656	0.029212	-0.07972	0.04787
0.065171	-0.06664	0.051201	-0.07736	0.034985	-0.08469	-0.01724	-0.0883	0.001265
0.085027	-0.03294	0.078928	-0.04754	0.070128	-0.06051	-0.05893	-0.07141	-0.04572
0.087411	0.007882	0.088671	-0.00634	0.08765	-0.0204	-0.08437	-0.03393	-0.07893
0.071834	0.047001	0.078211	0.036381	0.083146	0.025092	-0.08655	0.013344	-0.08835
0.041496	0.075943	0.049932	0.070391	0.057749	0.063972	-0.06485	0.056765	-0.07115
0.002631	0.088441	0.010275	0.087548	0.017841	0.086002	-0.02527	0.083813	-0.03251
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0.002631	-0.08844	0.010275	-0.08755	0.017841	-0.086	-0.02527	-0.08381	-0.03251
0.041496	-0.07594	0.049932	-0.07039	0.057749	-0.06397	-0.06485	-0.05676	-0.07115
0.071834	-0.047	0.078211	-0.03638	0.083146	-0.02509	-0.08655	-0.01334	-0.08835
0.087411	-0.00788	0.088671	0.006341	0.08765	0.020397	-0.08437	0.033926	-0.07893
0.085027	0.032944	0.078928	0.047544	0.070128	0.060514	-0.05893	0.07141	-0.04572
0.065171	0.066636	0.051201	0.077364	0.034985	0.084691	-0.01724	0.088298	0.001265
0.031923	0.0859	0.011809	0.08866	-0.00895	0.086561	0.029212	0.079718	0.04787
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0.013109	-0.08285	0.048647	-0.06198	0.075228	-0.02971	-0.08797	0.008013	-0.08453
0.050484	-0.05957	0.077471	-0.02447	0.088554	0.015641	-0.08146	0.052537	-0.05767
0.077486	-0.0234	0.088644	0.018892	0.079628	0.056874	-0.0525	0.081909	-0.01343
0.088565	0.017846	0.07962	0.057735	0.050693	0.083126	-0.00905	0.087655	0.034854
0.081446	0.055224	0.052455	0.082754	0.009019	0.087483	0.036892	0.068119	0.072634
0.057591	0.080644	0.013339	0.087959	-0.03492	0.068797	0.07266	0.028935	0.088527
0.021901	0.088603	-0.02882	0.072105	-0.07009	0.031989	0.088389	-0.01859	0.077744
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0.023403	-0.07026	0.076707	-0.01207	0.085857	0.053063	-0.0456	0.08765	0.020876
0.058762	-0.03817	0.08859	0.031057	0.064318	0.081312	-0.00079	0.081921	0.063214
0.082047	0.002184	0.080288	0.066744	0.026617	0.088143	0.04425	0.052564	0.086504
0.088473	0.042066	0.053693	0.086451	-0.01777	0.071757	0.077082	0.008045	0.083727
0.076719	0.07284	0.014864	0.085459	-0.0577	0.03647	0.088656	-0.03879	0.05572
0.0492	0.087842	-0.02735	0.064005	-0.08312	-0.00842	0.075779	-0.07444	0.010923
0.011571	0.083824	-0.06333	0.027227	-0.08766	-0.0511	0.042005	-0.08862	-0.03717
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0.033367	-0.05174	0.088509	0.042587	0.043122	0.088538	0.051223	0.033956	0.0874
0.066214	-0.01355	0.080932	0.074389	0.000106	0.074502	0.080832	-0.01331	0.066369
0.085454	0.027579	0.054915	0.08838	-0.04294	0.040842	0.088149	-0.05674	0.025339

0.087136	0.062734	0.016386	0.08121	-0.07519	-0.00358	0.071156	-0.0838	-0.02333
0.070912	0.084306	-0.02588	0.054597	-0.08855	-0.04705	0.034539	-0.08669	-0.06496
0.040117	0.087622	-0.06224	0.014911	-0.07966	-0.07813	-0.0116	-0.06458	-0.08702
0.001079	0.071966	-0.08443	-0.02835	-0.05075	-0.08864	-0.05455	-0.02384	-0.08286
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0.072733	0.012221	0.05612	0.088502	-0.06417	0.001282	0.065913	-0.0883	-0.05408
0.087659	0.050646	0.017902	0.075301	-0.0858	-0.04287	0.026773	-0.07973	-0.08302
0.084572	0.078105	-0.02439	0.044071	-0.08587	-0.07572	-0.01975	-0.04817	-0.08694
0.064108	0.088652	-0.06113	0.002289	-0.06437	-0.08863	-0.06083	-0.00272	-0.06466
0.03047	0.080003	-0.08394	-0.04004	-0.02668	-0.0782	-0.08513	0.043521	-0.0229
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0.051753	-0.00352	0.057308	0.086813	-0.07953	-0.03855	0.018774	-0.06814	-0.08862
0.078229	0.036957	0.019413	0.067852	-0.08856	-0.07308	-0.02773	-0.02897	-0.07381
0.08863	0.069436	-0.02291	0.032645	-0.07534	-0.08836	-0.06658	0.018562	-0.03677
0.080819	0.08688	-0.06	-0.01038	-0.04318	-0.08037	-0.08707	0.060737	0.011357
0.056401	0.085511	-0.08343	-0.05092	-0.00018	-0.05121	-0.08355	0.085393	0.05606
0.020393	0.065628	-0.08785	-0.07926	0.042875	-0.00856	-0.05699	0.085419	0.08387
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0.024897	-0.01916	0.058479	0.083349	-0.08762	-0.07022	-0.03546	-0.00808	-0.04962
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0.082624	0.058573	-0.02141	0.02055	-0.05791	-0.0823	-0.08825	0.074426	0.043915
0.088354	0.082362	-0.05886	-0.02283	-0.01805	-0.05509	-0.08042	0.08862	0.077954
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0.047901	0.07515	-0.08805	-0.08412	0.064123	0.031864	-0.00649	0.043606	0.072382
0.01003	0.04571	-0.07314	-0.08735	0.085786	0.068712	0.039213	-0.00262	0.034451
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0.0348	0.006546	0.022417	0.048971	-0.07026	-0.08398	-0.08866	0.083792	0.069885
0.067236	0.045859	-0.01991	0.008036	-0.03518	-0.05882	-0.07658	0.086701	0.088155
0.085856	0.075242	-0.05769	-0.03482	0.008738	-0.01816	-0.04338	0.064603	0.07986
0.086834	0.088333	-0.08233	-0.06934	0.050461	0.027285	0.001785	0.023871	0.047501
0.069969	0.082298	-0.08822	-0.08726	0.079503	0.06554	0.046459	-0.02375	0.000827
0.038726	0.058443	-0.074	-0.08429	0.088568	0.086532	0.07832	-0.06451	-0.04609

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0.005733	-0.00922	0.023909	0.037925	-0.05087	-0.06236	-0.07208	0.079747	0.085134
0.044214	0.031695	-0.0184	-0.00464	-0.00923	-0.02288	-0.03598	0.048199	0.059239
0.07361	0.065744	-0.05651	-0.0461	0.034725	0.022623	0.010044	0.002751	0.015495
0.087882	0.085559	-0.08175	-0.07652	0.069957	0.062173	0.053302	-0.0435	-0.03292
0.084087	0.086839	-0.08835	-0.08861	0.087599	0.085335	0.081846	-0.07718	-0.0714
0.063031	0.069335	-0.07485	-0.0795	0.083252	0.086043	0.087845	-0.08863	-0.0884
0.029008	0.036801	-0.04427	-0.05135	0.057964	0.064065	0.069593	-0.0745	-0.07873
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0.079489	-0.08093	0.082348	0.08375	-0.08513	-0.0865	0.087843	0.089169	-0.09047
0.08856	-0.08874	0.088811	0.088781	-0.08865	-0.0884	0.088052	0.087593	-0.08702
0.078405	-0.07642	0.07427	0.071957	-0.06948	-0.06686	0.06408	0.061158	-0.05809
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0.068826	-0.07672	0.08273	0.086696	-0.08852	-0.08815	0.0856	0.080919	-0.07422
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0.087738	-0.0875	0.079172	0.063509	-0.04196	-0.01651	-0.01047	-0.03649	0.059122
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0.087309	-0.08552	0.06736	0.03629	0.001737	0.039435	-0.06957	-0.08637	0.086587
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-0.081	-0.03951	0.07758	-0.04621	0.073583	-0.05256	0.069038	-0.05852	0.063979
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0.046579	-0.07146	-0.05803	-0.06215	-0.06799	-0.05125	-0.0762	-0.03903	-0.08245
0.079861	-0.03095	-0.08558	-0.01512	-0.08837	0.001215	-0.08814	0.017507	-0.08489
0.088028	0.019707	-0.08389	0.037279	-0.07608	0.05321	-0.06493	0.066802	-0.05094
0.068509	0.0639	-0.05355	0.076427	-0.03566	0.084766	-0.01583	0.088462	0.004865
0.027444	0.08714	-0.00491	0.088404	0.017937	0.083761	0.039584	0.073525	0.05858
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-0.00406	-0.08755	-0.03137	-0.07486	-0.06164	-0.04992	-0.08183	-0.01682	-0.08862
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0.07865	-0.02205	-0.08863	0.018084	-0.08043	0.054497	-0.05576	0.079731	-0.01967
0.088308	0.028682	-0.07463	0.064262	-0.04398	0.085225	-0.00335	0.086818	0.038025
0.070194	0.070005	-0.03513	0.087593	0.008727	0.083217	0.050387	0.057988	0.079409
0.030003	0.088372	0.016362	0.079783	0.058212	0.049244	0.084035	0.005168	0.086739
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0.041892	-0.05891	-0.08249	-0.00205	-0.0839	0.055766	-0.04547	0.08709	0.014536
0.077365	-0.0129	-0.08655	0.048753	-0.05182	0.085657	0.009188	0.079107	0.065517
0.088507	0.03734	-0.06104	0.082225	-0.00058	0.082645	0.060181	0.038399	0.088402
0.071813	0.075334	-0.01468	0.086463	0.050874	0.047888	0.087174	-0.0182	0.073376
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0.039488	-0.05162	-0.08786	0.030709	-0.05908	0.086059	0.021547	0.06587	0.083245
0.076008	-0.00361	-0.07947	0.072579	-0.00988	0.082045	0.068768	0.016127	0.08422
0.088623	0.045584	-0.04393	0.088646	0.042974	0.046517	0.088566	-0.04029	0.049077
0.073366	0.079829	0.006616	0.073198	0.07994	-0.00688	0.073045	-0.08004	-0.00711
0.035036	0.087897	0.054899	0.031726	0.087353	-0.05763	0.028394	-0.08667	-0.06025
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0.037048	-0.04376	-0.08814	0.059158	-0.01907	0.081418	0.075977	-0.00727	0.067485
0.07458	0.00572	-0.06778	0.086217	0.0346	0.045129	0.088182	-0.05957	0.017464
0.088657	0.053323	-0.02427	0.082625	0.075478	-0.00849	0.065222	-0.08722	-0.04005
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0.073083	0.014987	-0.05218	0.087753	0.070183	-0.01011	0.056091	-0.08831	-0.06701
0.088608	0.060471	-0.00321	0.065005	0.088576	-0.06006	0.003783	-0.0654	-0.08853
0.076265	0.086126	0.046855	0.019147	0.074223	-0.08694	-0.05003	-0.01543	-0.07209
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0.071518	0.024087	-0.03356	0.076972	0.087721	-0.06124	-0.00876	-0.04744	-0.08349
0.088476	0.06695	0.018034	0.038262	0.078899	-0.08724	-0.05986	0.007972	-0.04719
0.077609	0.087858	0.063469	-0.01405	0.040909	-0.07973	-0.0871	0.060085	0.009354
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0.069886	0.032921	-0.013	0.055386	0.082704	-0.08751	-0.0685	0.030823	-0.01525
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0.085211	0.088268	-0.07951	-0.06009	0.032615	0.000757	0.031211	0.058993	-0.07885
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0.041731	0.008643	0.025765	0.056256	-0.07818	-0.08819	0.084739	0.068351	-0.04151
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0.038164	0.070064	-0.08698	-0.08529	0.065347	0.031401	0.009278	0.047974	-0.07638
0.079952	0.088574	-0.07726	-0.04854	0.008889	-0.03277	0.067052	0.086204	-0.0859
0.086223	0.066352	-0.03078	0.012081	-0.05209	-0.07976	0.088523	0.076298	-0.04597
0.05419	0.013618	0.030341	0.066764	-0.08659	-0.08489	0.062066	0.023787	0.020421
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0.024284	0.066883	-0.08778	-0.08017	0.046532	-0.00223	0.05027	0.081968	-0.08701
0.072452	0.088597	-0.07478	-0.03567	-0.01551	-0.06145	0.086578	0.082382	-0.05027
0.088434	0.069569	-0.02621	0.026374	-0.06967	-0.08843	0.076011	0.036794	0.015404
0.065131	0.018549	0.034826	0.075449	-0.08843	-0.06901	0.02429	-0.02934	0.072209
0.012894	-0.041	0.079298	0.087417	-0.06226	-0.01339	-0.04058	-0.07909	0.087451
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0.062921	0.088336	-0.07208	-0.02182	-0.03873	-0.08101	0.085037	0.048902	0.010336
0.088167	0.072562	-0.02157	0.039947	-0.08197	-0.08399	0.045004	-0.01596	0.069122
0.074246	0.02342	0.039208	0.082072	-0.08356	-0.0429	-0.0194	-0.0719	0.088122

0.027342	-0.03649	0.081333	0.083834	-0.04268	0.020695	-0.07329	-0.0877	0.056398
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0.051626	0.087792	-0.06917	-0.00738	-0.05902	-0.08856	0.062805	-0.00218	0.065804
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0.081279	0.028216	0.043475	0.086454	-0.07233	-0.01043	-0.05836	-0.08858	0.060253
0.041024	-0.03187	0.083127	0.077962	-0.01987	0.051712	-0.08817	-0.06474	-0.00267
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0.038884	0.086968	-0.06606	0.007263	-0.07482	-0.08299	0.02529	-0.05248	0.088579
0.080294	0.077844	-0.0121	0.063479	-0.08743	-0.04026	-0.03965	-0.0873	0.063905
0.086035	0.032923	0.047612	0.088475	-0.05562	0.023587	-0.08313	-0.07337	0.002448
0.053556	-0.02714	0.084675	0.06996	0.004454	0.075062	-0.08159	-0.01847	-0.06042
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0.072909	0.080115	-0.00731	0.072795	-0.08017	-0.00746	-0.0727	-0.08021	0.007562
0.088378	0.037523	0.051608	0.08808	-0.03468	0.054107	-0.08767	-0.03175	-0.05657
0.064586	-0.02232	0.085972	0.060047	0.02844	0.087285	-0.05516	0.034446	-0.08814
0.012103	-0.0719	0.079437	0.002483	0.077106	0.074668	0.007204	0.081404	-0.06898
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0.063481	0.082129	-0.00249	0.080123	-0.06683	0.026452	-0.08806	-0.04425	-0.05254
0.088244	0.042004	0.055451	0.085279	-0.0111	0.076606	-0.07087	0.021308	-0.08749
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0.026581	-0.06886	0.077182	-0.01214	0.086095	0.051112	0.048541	0.086759	-0.01518
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0.052274	0.083881	0.002334	0.085262	-0.04841	0.056441	-0.082	0.007649	-0.08654
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0.080957	-0.0125	0.087798	0.035617	0.068274	0.073018	0.028268	0.088493	-0.0202
0.040314	-0.06559	0.074699	-0.02643	0.088545	0.019978	0.078066	0.060881	0.046161
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0.064586	0.022323	0.085972	-0.06005	0.02844	-0.08728	-0.05516	-0.03445	-0.08814
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0.053556	0.027138	0.084675	-0.06996	0.004454	-0.07506	-0.08159	0.018471	-0.06042
0.086035	-0.03292	0.047612	-0.08848	-0.05562	-0.02359	-0.08313	0.073372	0.002448
0.080294	-0.07784	-0.0121	-0.06348	-0.08743	0.040263	-0.03965	0.087301	0.063905
0.038884	-0.08697	-0.06606	-0.00726	-0.07482	0.082989	0.02529	0.052482	0.088579
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0.041024	0.031866	0.083127	-0.07796	-0.01987	-0.05171	-0.08817	0.064739	-0.00267
0.081279	-0.02822	0.043475	-0.08645	-0.07233	0.01043	-0.05836	0.088583	0.060253
0.085428	-0.07532	-0.01686	-0.05243	-0.08804	0.067099	0.003046	0.062962	0.088498
0.051626	-0.08779	-0.06917	0.007382	-0.05902	0.088564	0.062805	0.002183	0.065804
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0.027342	0.036492	0.081333	-0.08383	-0.04268	-0.0207	-0.07329	0.087701	0.056398
0.074246	-0.02342	0.039208	-0.08207	-0.08356	0.0429	-0.0194	0.071904	0.088122
0.088167	-0.07256	-0.02157	-0.03995	-0.08197	0.083988	0.045004	0.015956	0.069122
0.062921	-0.08834	-0.07208	0.021825	-0.03873	0.081011	0.085037	-0.0489	0.010336
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0.012894	0.041001	0.079298	-0.08742	-0.06226	0.013389	-0.04058	0.07909	0.087451
0.065131	-0.01855	0.034826	-0.07545	-0.08843	0.069011	0.02429	0.02934	0.072209
0.088434	-0.06957	-0.02621	-0.02637	-0.06967	0.088426	0.076011	-0.03679	0.015404
0.072452	-0.0886	-0.07478	0.035671	-0.01551	0.061447	0.086578	-0.08238	-0.05027
0.024284	-0.06688	-0.08778	0.080174	0.046532	0.00223	0.05027	-0.08197	-0.08701
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0.05419	-0.01362	0.030341	-0.06676	-0.08659	0.084891	0.062066	-0.02379	0.020421
0.086223	-0.06635	-0.03078	-0.01208	-0.05209	0.079755	0.088523	-0.0763	-0.04597
0.079952	-0.08857	-0.07726	0.048544	0.008889	0.032775	0.067052	-0.0862	-0.0859
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0.085211	-0.08827	-0.07951	0.060091	0.032615	-0.00076	0.031211	-0.05899	-0.07885
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0.072639	0.080225	-0.00761	0.072606	-0.08021	-0.00759	-0.07261	-0.08016	0.007503
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0.049953	-0.04031	0.088537	0.044429	0.04601	0.088446	-0.03861	0.051506	-0.08786
-0.01685	-0.08474	0.062426	-0.02633	0.087048	0.055067	0.035552	0.088292	-0.04697
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0.018617	0.086327	-0.05453	0.040123	-0.08851	-0.03484	-0.05899	-0.08478	0.012773
0.074645	0.074232	0.013403	0.085278	-0.05692	0.038333	-0.08851	-0.03463	-0.05996
0.086408	0.016809	0.072911	0.0753	0.012501	0.085315	-0.05591	0.040475	-0.08835
0.04693	-0.05088	0.086596	0.01664	0.073613	0.07401	0.01593	0.08641	-0.05138
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0.022132	0.088244	-0.03654	0.063942	-0.07903	0.011411	-0.0866	-0.04612	-0.05595
0.076528	0.066799	0.033662	0.088383	-0.02303	0.073602	-0.07021	0.028581	-0.08852
0.085541	0.004564	0.082709	0.055684	0.048285	0.085509	-0.00455	0.082686	-0.05561
0.043828	-0.06046	0.079775	-0.01302	0.087501	0.038997	0.064311	0.077203	0.018435
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0.02561	0.08845	-0.01649	0.080588	-0.05484	0.054487	-0.08074	0.016077	-0.08837
0.078283	0.058071	0.052024	0.081574	0.015156	0.088408	-0.02478	0.0772	-0.05963
0.084532	-0.00777	0.087845	0.029821	0.075074	0.061929	0.048575	0.082688	0.013216
0.040653	-0.06886	0.068459	-0.04121	0.085086	-0.00686	0.087839	0.028586	0.07629
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0.029046	0.086941	0.004483	0.088194	-0.02042	0.082413	-0.04368	0.070069	-0.06345
0.079907	0.048216	0.067453	0.065613	0.050516	0.078632	0.03023	0.086411	0.007948

0.083383	-0.01995	0.088031	0.000613	0.087874	0.02113	0.082926	0.04048	0.073463
0.037411	-0.07594	0.053284	-0.06478	0.066818	-0.05081	0.077423	-0.03462	0.084639
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0.032433	0.083746	0.025207	0.085906	0.017797	0.087425	0.01026	0.088293	0.002653
0.081399	0.037427	0.079082	0.042292	0.076465	0.046993	0.073558	0.051511	0.070373
0.082095	-0.03175	0.083256	-0.02866	0.084302	-0.02554	0.08523	-0.02239	0.08604
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0.035766	0.078926	0.04451	0.073981	0.052701	0.068129	0.060238	0.061445	0.06703
0.082756	0.025911	0.086254	0.014227	0.088166	0.002288	0.08846	-0.00968	0.087132
0.08067	-0.04293	0.073789	-0.05473	0.065023	-0.06512	0.054598	-0.07383	0.042784
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0.03904	0.072576	0.061305	0.053757	0.077785	0.029891	0.086937	0.003231	0.08791
0.083975	0.013893	0.088564	-0.01543	0.08344	-0.04305	0.069177	-0.06593	0.04735
0.079111	-0.05327	0.060164	-0.07465	0.033629	-0.08658	0.002866	-0.08758	-0.02823
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0.042249	0.064818	0.074645	0.027502	0.088376	-0.01666	0.08004	-0.05663	0.051745
0.085054	0.001606	0.085884	-0.04336	0.063168	-0.07642	0.023161	-0.08853	-0.02316
0.077421	-0.06259	0.043148	-0.0862	-0.00403	-0.08398	-0.04997	-0.05663	-0.08093
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0.045388	0.055804	0.083778	-0.00184	0.082502	-0.05858	0.042211	-0.08759	-0.018
0.085992	-0.01071	0.078364	-0.06643	0.031126	-0.08854	-0.03181	-0.06593	-0.07864
0.075602	-0.07069	0.0237	-0.08807	-0.04094	-0.05802	-0.0835	0.003238	-0.08111
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0.048451	0.045707	0.08819	-0.03097	0.061255	-0.08421	-0.01193	-0.07383	-0.07606
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0.017262	-0.00432	0.008726	-0.0216	-0.03402	0.045714	0.056417	-0.06589	-0.07392
0.07386	-0.0666	-0.05812	0.04856	0.038091	-0.0269	-0.01519	0.003177	-0.00893
0.08676	-0.08833	-0.08857	0.087476	0.085054	-0.08133	-0.07637	0.070218	0.062978
0.048038	-0.05592	-0.06314	0.069592	0.075197	-0.07988	-0.08358	0.086236	0.087812
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0.021143	-0.01698	-0.01277	0.008513	0.00423	7.29E-05	0.004383	-0.00869	-0.01298
0.075022	-0.07317	-0.07119	0.069083	0.06685	-0.06449	-0.06199	0.059363	0.056594
0.102415	-0.1035	-0.10456	0.1056	0.106622	-0.10763	-0.10861	0.109583	0.110538

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0.017233	-0.02144	0.025595	-0.02967	0.033643	-0.0375	0.041217	-0.04476	0.048106
0.082391	-0.08496	0.087234	-0.08922	0.090894	-0.09227	0.093335	-0.0941	0.09458
0.077758	-0.07444	0.070623	-0.06633	0.061561	-0.05633	0.050636	-0.04449	0.037894
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0.080317	-0.08493	0.087637	-0.08837	0.087091	-0.08381	0.07858	-0.07149	0.062684
0.07898	-0.07149	0.062116	-0.05108	0.038679	-0.02522	0.011059	0.003427	-0.01784
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0.081309	-0.08722	0.088298	-0.08447	0.075916	-0.0631	0.04672	-0.02767	0.007024
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0.082196	-0.08835	0.085417	-0.07367	0.05431	-0.0293	0.001229	0.027003	-0.05245
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0.083028	-0.08837	0.079185	-0.05696	0.025335	0.010493	-0.04461	0.071343	-0.08624
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0.074336	-0.04169	-0.00144	0.044214	-0.07587	0.0884	-0.07861	0.048944	-0.00686
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0.08452	-0.08508	0.057764	-0.01151	-0.03853	0.075923	-0.08835	0.071683	-0.03138
0.073051	-0.03268	-0.01885	0.063948	-0.08719	0.080608	-0.04641	-0.0037	0.05256
0.006145	0.045155	-0.08043	0.087119	-0.06283	0.016164	0.036266	-0.07576	0.088201
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-0.01466	-0.08847	-0.01888	0.081296	0.049669	-0.06246	-0.0733	0.034701	0.086393
0.059351	-0.05234	-0.08044	0.019906	0.088436	0.015722	-0.08208	-0.04875	0.062427
0.088319	0.024528	-0.07782	-0.05776	0.053136	0.080422	-0.0188	-0.08841	-0.0189
0.050264	0.082306	-0.01311	-0.0882	-0.02667	0.076152	0.060976	-0.04865	-0.08286
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-0.0764	-0.0631	0.043391	0.085766	0.001435	-0.08499	-0.04581	0.061047	0.077646
-0.01237	-0.08767	-0.03555	0.068228	0.072808	-0.02845	-0.08831	-0.01975	0.07751
0.061051	-0.04401	-0.08613	-0.00509	0.083204	0.052487	-0.05329	-0.0828	0.006155
0.088137	0.033905	-0.06799	-0.07425	0.023916	0.088413	0.028517	-0.07148	-0.07086
0.048337	0.085433	0.004395	-0.0827	-0.0554	0.048517	0.085289	0.004051	-0.08276
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0.06271	-0.03513	-0.08844	-0.02968	0.066676	0.078498	-0.00919	-0.0852	-0.05313
0.087895	0.042855	-0.05549	-0.08477	-0.00855	0.078289	0.067645	-0.02722	-0.08815
0.046378	0.087483	0.021732	-0.07055	-0.07662	0.01094	0.085101	0.055208	-0.04218
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0.064325	-0.0258	-0.08728	-0.05188	0.041095	0.088425	0.037543	-0.05503	-0.08642
0.087592	0.051265	-0.04081	-0.08847	-0.03986	0.052124	0.087339	0.027442	-0.06233
0.044387	0.08843	0.038216	-0.05273	-0.08743	-0.02888	0.060465	0.08526	0.019038
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0.065896	-0.01615	-0.08269	-0.06991	0.009936	0.080233	0.073494	-0.00382	-0.07744
0.087228	0.059028	-0.02453	-0.08506	-0.06575	0.015278	0.081944	0.071615	-0.00601
0.042365	0.088263	0.053199	-0.03067	-0.08637	-0.06278	0.018459	0.08272	0.07094
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0.067421	-0.00629	-0.07486	-0.08232	-0.02257	0.055603	0.088332	0.048848	-0.03058
0.086805	0.066048	-0.00729	-0.07481	-0.08272	-0.0247	0.053008	0.088412	0.053242
0.040314	0.086983	0.066095	-0.00614	-0.07359	-0.08382	-0.02885	0.048559	0.088141
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0.068901	0.003644	-0.06409	-0.08811	-0.05202	0.019579	0.077795	0.082842	0.031243
0.086323	0.072234	0.010237	-0.05855	-0.08846	-0.05961	0.008844	0.071411	0.086452
0.038236	0.084606	0.076396	0.018885	-0.05081	-0.08768	-0.06787	-0.00417	0.062226
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0.001511	-0.06098	-0.08844	-0.06508	-0.0043	0.058945	0.088255	0.06672	0.006721
0.070333	0.013534	-0.0508	-0.08682	-0.0744	-0.02046	0.044909	0.085168	0.077781
0.085781	0.077511	0.027363	-0.03757	-0.08219	-0.08231	-0.03786	0.027112	0.077373
0.036131	0.081163	0.083699	0.042388	-0.02114	-0.07358	-0.08739	-0.0553	0.005872
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0.003829	-0.0534	-0.08612	-0.07929	-0.03601	0.023832	0.072703	0.088077	0.062827
0.071717	0.023252	-0.03552	-0.07854	-0.08668	-0.0563	-0.00088	0.054937	0.086271
0.08518	0.08181	0.043416	-0.01358	-0.06476	-0.08815	-0.07369	-0.02755	0.030445
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0.006145	-0.04515	-0.08043	-0.08712	-0.06283	-0.01616	0.036266	0.075764	0.088201
0.073051	0.032677	-0.01885	-0.06395	-0.08719	-0.08061	-0.04641	0.003705	0.05256
0.08452	0.085078	0.057764	0.011507	-0.03853	-0.07592	-0.08835	-0.07168	-0.03138
0.031849	0.071264	0.088292	0.077554	0.042398	-0.00613	-0.05273	-0.08268	-0.08648
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0.008456	-0.03634	-0.07157	-0.08795	-0.08112	-0.05285	-0.01059	0.034489	0.070429
0.074336	0.041691	-0.00144	-0.04421	-0.07587	-0.0884	-0.07861	-0.04894	-0.00686
0.083803	0.087273	0.069845	0.035668	-0.00708	-0.04814	-0.07763	-0.08841	-0.07785
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0.075569	0.050179	0.016033	-0.02092	-0.05424	-0.07808	-0.08823	-0.08288	-0.06293
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0.027479	0.057783	0.079159	0.088277	0.083694	0.066091	0.038177	0.004281	-0.03031
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0.01306	-0.01745	-0.0459	-0.06889	-0.08367	-0.08843	-0.08259	-0.0668	-0.04292
0.07675	0.058034	0.032875	0.004047	-0.02525	-0.05176	-0.0725	-0.08514	-0.08821
0.082196	0.08835	0.085417	0.073675	0.05431	0.029303	0.001229	-0.027	-0.05245
0.025265	0.049905	0.06981	0.083067	0.088388	0.085236	0.073883	0.055389	0.03151
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0.085983	-0.08368	0.055846	-0.01091	-0.0374	0.074217	-0.08799	0.076702	-0.04632
0.062879	-0.0193	-0.03043	0.070476	-0.08798	0.077173	-0.04125	-0.01187	0.0482
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0.010092	-0.05923	0.086278	-0.08105	0.0454	0.007378	-0.05737	0.082078	0.050889
0.079785	-0.08678	0.060135	-0.01012	-0.04385	0.080682	-0.08574	0.058444	-0.05158
0.074514	-0.03098	-0.02503	0.070952	-0.0882	0.069649	-0.0226	-0.0362	0.053575
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0.070029	-0.08823	0.064175	-0.00933	-0.05	0.085199	-0.07904	0.035444	-0.0566
0.082827	-0.04206	-0.01952	0.071423	-0.08783	0.060439	-0.00275	-0.05776	0.058596
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0.057151	-0.088	0.067948	-0.00854	-0.05581	0.087657	-0.06823	0.009624	-0.06136
0.087447	-0.05235	-0.01393	0.071887	-0.08686	0.049767	0.017252	-0.07447	0.063243
0.035581	0.033585	-0.08214	0.08024	-0.02897	-0.04014	0.084321	-0.07395	-0.06384
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0.041726	-0.0861	0.07144	-0.00775	-0.06124	0.087995	-0.05387	-0.0168	-0.06585
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0.038117	-0.08782	0.019979	0.074551	-0.06916	-0.02887	0.087948	-0.02859	0.082907
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0.008566	-0.04966	-0.08489	-0.08073	-0.03902	0.020903	0.070996	0.084781	-0.0563
0.079113	0.036606	-0.02229	-0.07119	-0.08809	-0.06524	-0.01276	0.047465	0.056131
0.075328	0.087712	0.062187	0.009727	-0.04696	-0.08319	-0.08293	-0.04743	-0.05412
0.000767	0.054576	0.085627	0.08089	0.042247	-0.01418	-0.06461	-0.08444	0.053631
-0.07451	-0.03098	0.025027	0.070952	0.088202	0.069649	0.022596	-0.0362	-0.05357
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-0.01009	-0.05923	-0.08628	-0.08105	-0.0454	0.007378	0.057367	0.082078	-0.05089
0.069082	0.025201	-0.02774	-0.07071	-0.08816	-0.07363	-0.03214	0.02424	0.05093
0.08335	0.085432	0.058021	0.010518	-0.04066	-0.07768	-0.08744	-0.06827	-0.04898
0.019304	0.063611	0.086839	0.081205	0.048476	-0.00053	-0.04938	-0.07772	0.048084
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0.055972	0.013316	-0.03308	-0.07024	-0.08764	-0.08024	-0.04982	-0.00059	0.045389
0.087655	0.081528	0.053613	0.011307	-0.03408	-0.0703	-0.08741	-0.08358	-0.0436
0.03698	0.071437	0.087692	0.081514	0.054378	0.013146	-0.03154	-0.06335	0.042306
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0.040366	0.001179	-0.03829	-0.06975	-0.08652	-0.0849	-0.06485	-0.02455	0.039537
0.088053	0.076075	0.048982	0.012094	-0.02727	-0.06123	-0.08291	-0.09223	-0.038
0.053008	0.077906	0.08818	0.081817	0.059914	0.026517	-0.01198	-0.04237	0.036344
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0.022961	-0.01098	-0.04333	-0.06925	-0.0848	-0.08747	-0.07634	-0.04516	0.033416
0.084524	0.069175	0.044146	0.012876	-0.0203	-0.05073	-0.07427	-0.09378	-0.03219
0.066673	0.082895	0.088305	0.082121	0.065063	0.039303	0.00841	-0.0163	0.03024
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0.004535	-0.02293	-0.04818	-0.06873	-0.08246	-0.0878	-0.08349	-0.06012	0.02707
0.077223	0.060952	0.039112	0.013626	-0.01324	-0.03915	-0.0622	-0.08856	-0.02619
0.077371	0.08632	0.088084	0.082458	0.069854	0.051332	0.028876	0.013011	0.024034
0.0048	0.028738	0.05052	0.068437	0.081013	0.087035	0.085146	0.064846	-0.02383

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0.066439	0.05151	0.033816	0.014208	-0.0064	-0.02718	-0.04799	-0.07773	-0.02
0.084677	0.088192	0.087635	0.083011	0.074548	0.062791	0.049117	0.043641	0.017758
0.023125	0.039809	0.054853	0.067568	0.077276	0.083206	0.08385	0.067734	-0.01724
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0.088808	0.089157	0.087822	0.084879	0.080513	0.075155	0.07008	0.073922	0.01144
0.039545	0.049034	0.057584	0.064935	0.070739	0.074396	0.074383	0.06076	-0.01056
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0.030837	0.023298	0.01523	0.006538	-0.00298	-0.01375	-0.02699	-0.0495	-0.00714
0.094785	0.09475	0.094526	0.094202	0.093939	0.094065	0.095431	0.102298	0.005057
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0.00325	0.006252	0.001937	0.011576	0.002411	-0.01949	-0.00816	-0.03713	-0.0151
0.005795	-0.01218	0.012971	-0.02061	-0.02106	0.029749	0.029525	0.041458	0.038273
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0.016692	-0.02134	0.031587	-0.03443	-0.04477	0.045332	0.05625	0.049605	0.065552
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0.016977	-0.03092	0.035459	-0.05052	-0.05378	0.068904	0.070193	0.087218	0.0837
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0.028362	-0.04852	0.055798	-0.0745	-0.07746	0.091959	0.089241	0.100324	0.089291
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0.062259	0.043642	-0.08135	0.016132	-0.08205	0.067939	-0.02196	-0.08885	-0.02577
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0.051498	0.04771	-0.08958	0.00234	-0.07793	0.063224	-0.04749	-0.07144	-0.01437
-0.05696	-0.05156	0.07845	0.000746	0.090234	-0.05252	0.045233	0.081454	-0.00627
0.049778	0.056697	-0.08469	-0.00177	-0.08388	0.038892	-0.06063	-0.09304	0.007516
-0.04562	-0.05578	0.086024	0.013551	0.082667	-0.04351	0.06883	0.062317	-0.01707
0.051269	0.05885	-0.07384	-0.01761	-0.0941	0.033653	-0.0642	-0.06515	0.038145
-0.0449	-0.06413	0.07822	0.017765	0.087585	-0.01775	0.076462	0.07764	-0.03971
0.039544	0.063183	-0.08055	-0.029	-0.08322	0.021095	-0.08441	-0.04551	0.045779
-0.04521	-0.06543	0.067612	0.033874	0.093445	-0.01263	0.07721	0.04149	-0.06552
0.039778	0.070749	-0.07002	-0.03313	-0.08694	-0.00481	-0.08569	-0.05497	0.066339
-0.03333	-0.06982	0.073272	0.043477	0.079545	0.00257	0.092898	0.023001	-0.06778
0.038826	0.071214	-0.05991	-0.04901	-0.0883	-0.00912	-0.08316	-0.01284	0.08466
-0.03443	-0.07647	0.060276	0.047341	0.082011	0.027318	0.087455	0.027532	-0.08392
0.027001	0.075616	-0.06436	-0.05649	-0.07182	-0.02595	-0.0936	0.002598	0.080007
-0.03216	-0.07614	0.050909	0.062486	0.078904	0.030117	0.081561	-0.01786	-0.09291
0.028869	0.081226	-0.0492	-0.05991	-0.07305	-0.04826	-0.08153	0.001712	0.090208
-0.02061	-0.08049	0.053999	0.067582	0.060411	0.047531	0.086477	-0.02831	-0.08076
0.025263	0.080158	-0.04079	-0.07386	-0.0657	-0.04892	-0.07259	0.047464	0.089068

-0.02312	-0.08496	0.037055	0.070415	0.060538	0.066243	0.068379	-0.02963	-0.08446
0.014187	0.08437	-0.04242	-0.07638	-0.04588	-0.06593	-0.07216	0.051139	0.069901
-0.01818	-0.08321	0.029791	0.082748	0.049337	0.064272	0.057079	-0.07288	-0.07357
0.017189	0.087623	-0.0241	-0.0785	-0.0451	-0.08005	-0.04909	0.053266	0.067579
-0.00777	-0.08721	0.029891	0.082576	0.02895	0.079956	0.051911	-0.06839	-0.04889
0.010961	0.085265	-0.01814	-0.08884	-0.03059	-0.07512	-0.03644	0.091466	0.048412
-0.01111	-0.08919	0.010623	0.083884	0.027523	0.088743	0.025288	-0.07018	-0.04195
0.001397	0.088981	-0.01668	-0.08596	-0.01045	-0.08873	-0.02748	0.077981	0.020581
-0.00366	-0.0863	0.00609	0.091944	0.010363	0.080735	0.01252	-0.10127	-0.01688
0.004908	0.089644	0.00307	-0.0864	-0.00869	-0.09171	0.000986	0.078664	0.011152
0.004908	-0.08964	0.00307	0.086398	-0.00869	0.091715	0.000986	-0.07866	0.011152
-0.00366	0.086298	0.00609	-0.09194	0.010363	-0.08074	0.01252	0.101272	-0.01688
0.001397	-0.08898	-0.01668	0.085955	-0.01045	0.088733	-0.02748	-0.07798	0.020581
-0.01111	0.08919	0.010623	-0.08388	0.027523	-0.08874	0.025288	0.070175	-0.04195
0.010961	-0.08526	-0.01814	0.088844	-0.03059	0.075121	-0.03644	-0.09147	0.048412
-0.00777	0.087214	0.029891	-0.08258	0.02895	-0.07996	0.051911	0.068391	-0.04889
0.017189	-0.08762	-0.0241	0.078497	-0.0451	0.08005	-0.04909	-0.05327	0.067579
-0.01818	0.08321	0.029791	-0.08275	0.049337	-0.06427	0.057079	0.072882	-0.07357
0.014187	-0.08437	-0.04242	0.07638	-0.04588	0.065926	-0.07216	-0.05114	0.069901
-0.02312	0.084958	0.037055	-0.07041	0.060538	-0.06624	0.068379	0.029628	-0.08446
0.025263	-0.08016	-0.04079	0.073861	-0.0657	0.048924	-0.07259	-0.04746	0.089068
-0.02061	0.080486	0.053999	-0.06758	0.060411	-0.04753	0.086477	0.028311	-0.08076
0.028869	-0.08123	-0.0492	0.059911	-0.07305	0.048261	-0.08153	-0.00171	0.090208
-0.03216	0.076144	0.050909	-0.06249	0.078904	-0.03012	0.081561	0.017863	-0.09291
0.027001	-0.07562	-0.06436	0.056487	-0.07182	0.025949	-0.0936	-0.0026	0.080007
-0.03443	0.076471	0.060276	-0.04734	0.082011	-0.02732	0.087455	-0.02753	-0.08392
0.038826	-0.07121	-0.05991	0.049005	-0.0883	0.009125	-0.08316	0.012845	0.08466
-0.03333	0.069823	0.073272	-0.04348	0.079545	-0.00257	0.092898	-0.023	-0.06778
0.039778	-0.07075	-0.07002	0.033132	-0.08694	0.004813	-0.08569	0.054973	0.066339
-0.04521	0.065427	0.067612	-0.03387	0.093445	0.012626	0.07721	-0.04149	-0.06552
0.039544	-0.06318	-0.08055	0.028999	-0.08322	-0.02109	-0.08441	0.045513	0.045779
-0.0449	0.06413	0.07822	-0.01777	0.087585	0.017755	0.076462	-0.07764	-0.03971
0.051269	-0.05885	-0.07384	0.017605	-0.0941	-0.03365	-0.0642	0.065149	0.038145
-0.04562	0.05578	0.086024	-0.01355	0.082667	0.043511	0.06883	-0.06232	-0.01707
0.049778	-0.0567	-0.08469	0.001765	-0.08388	-0.03889	-0.06063	0.093041	0.007516
-0.05696	0.05156	0.07845	-0.00075	0.090234	0.052523	0.045233	-0.08145	-0.00627
0.051498	-0.04771	-0.08958	-0.00234	-0.07793	-0.06322	-0.04749	0.071437	-0.01437
-0.0544	0.04854	0.08928	0.014323	0.075992	0.057206	0.039636	-0.09944	0.025992
0.062259	-0.04364	-0.08135	-0.01613	-0.08205	-0.06794	-0.02196	0.088845	-0.02577
-0.05715	0.039075	0.09115	0.018127	0.069271	0.078952	0.022194	-0.07176	0.044169
0.058752	-0.03976	-0.09189	-0.02995	-0.06429	-0.0715	-0.01537	0.096033	-0.05638
-0.06712	0.035189	0.082482	0.032462	0.069954	0.078835	-0.00358	-0.08673	0.05365
0.062528	-0.02998	-0.09069	-0.03327	-0.05713	-0.08967	0.004902	0.063166	-0.06818
-0.06282	0.030471	0.092458	0.044581	0.049323	0.080846	-0.01	-0.08306	0.079636
0.071529	-0.0263	-0.08181	-0.04769	-0.05454	-0.08445	0.029159	0.075553	-0.07362
-0.06759	0.020547	0.088222	0.047256	0.042118	0.094687	-0.03149	-0.04653	0.083032
0.0666	-0.02079	-0.09097	-0.05772	-0.03182	-0.08466	0.034217	0.06178	-0.09268
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0.072298	-0.01089	-0.0838	-0.0596	-0.02501	-0.09367	0.055325	0.023643	-0.08658
-0.07007	0.010828	0.08745	0.068903	0.012636	0.082714	-0.05513	-0.03431	0.093793
0.078881	-0.00765	-0.07516	-0.07284	-0.0169	-0.07853	0.071596	0.032454	-0.08068
-0.07661	0.001119	0.077524	0.069894	0.006676	0.086695	-0.07438	0.002986	0.078221
0.073226	-0.00072	-0.08198	-0.07776	0.0073	-0.07518	0.070898	0.003435	-0.08287
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0.080488	0.008636	-0.06954	-0.07778	0.011961	-0.07421	0.087046	-0.03041	-0.05897
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0.084193	0.011443	-0.06199	-0.08823	0.023614	-0.05146	0.090584	-0.02094	-0.04388
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0.07854	0.019413	-0.0657	-0.08734	0.045524	-0.04586	0.081992	-0.05592	-0.0323
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0.08681	0.02763	-0.04919	-0.08534	0.046403	-0.03628	0.089693	-0.07555	0.001049
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0.087416	0.030056	-0.04342	-0.0918	0.059226	-0.01007	0.079247	-0.0612	0.016651
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0.082448	0.038604	-0.04356	-0.08513	0.075408	-0.00469	0.063718	-0.09284	0.032725
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0.091025	0.04518	-0.02458	-0.08129	0.07144	0.010391	0.062745	-0.09163	0.062716
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0.08857	0.047296	-0.02106	-0.08309	0.083155	0.034924	0.040992	-0.07097	0.068283
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0.084855	0.055875	-0.01751	-0.07139	0.09108	0.037259	0.022489	-0.0932	0.078642
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0.092961	0.060449	0.00213	-0.06621	0.082071	0.053898	0.015663	-0.0704	0.094109
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0.087731	0.062326	0.003149	-0.06328	0.090913	0.071788	-0.0116	-0.04639	0.083057
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0.085664	0.070348	0.010153	-0.04794	0.089386	0.068764	-0.0273	-0.05799	0.08216
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0.092518	0.072717	0.028564	-0.04216	0.076155	0.0832	-0.03537	-0.01921	0.078816
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0.085025	0.074406	0.027107	-0.03503	0.081159	0.090784	-0.06102	0.001375	0.05246
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0.08479	0.08129	0.036978	-0.01792	0.070515	0.081405	-0.06823	-0.00276	0.042349
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0.089682	0.081417	0.052398	-0.01242	0.05484	0.090982	-0.073	0.041897	0.024523
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0.08061	0.082929	0.048735	-0.00214	0.055946	0.086741	-0.09072	0.050881	-0.00801
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0.082161	0.088146	0.060581	0.014623	0.037979	0.071796	-0.08585	0.049042	-0.019
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0.084526	0.086156	0.071542	0.01895	0.022337	0.075526	-0.08459	0.088477	-0.04097
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0.074663	0.087455	0.066154	0.030975	0.0203	0.060428	-0.0908	0.079673	-0.06691
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0.077205	0.086733	0.084329	0.047688	-0.01491	0.041123	-0.06653	0.101811	-0.08421
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0.067373	0.087732	0.077845	0.059885	-0.01877	0.018387	-0.06126	0.073946	-0.09325
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0.071495	0.088461	0.090176	0.069985	-0.04194	0.001224	-0.03542	0.067718	-0.08054
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0.06795	0.083145	0.089653	0.06989	-0.04947	-0.00308	-0.02545	0.076718	-0.08351
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0.058925	0.083712	0.082784	0.080723	-0.05364	-0.02874	-0.01208	0.034591	-0.07276
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0.06349	0.081923	0.093514	0.085299	-0.07404	-0.04094	0.01613	0.029069	-0.04747
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0.05706	0.075584	0.087074	0.082545	-0.07445	-0.04547	0.024152	0.023675	-0.04016
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0.049496	0.07556	0.080532	0.090711	-0.07757	-0.06895	0.040208	-0.02299	-0.01544
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0.053816	0.071304	0.08856	0.089154	-0.0922	-0.07272	0.063549	-0.02201	0.013041
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0.044879	0.064427	0.076846	0.083944	-0.08479	-0.07505	0.064878	-0.03559	0.022351
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0.031783	0.050216	0.059897	0.073908	-0.07829	-0.08425	0.082434	-0.07719	0.070765
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0.028362	0.048523	0.055798	0.074502	-0.07746	-0.09196	0.089241	-0.10032	0.089291
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0.030166	0.040204	0.056173	0.061891	-0.07601	-0.07555	0.088	-0.07337	0.090518
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0.018155	0.033632	0.037732	0.053813	-0.05609	-0.07092	0.070552	-0.08505	0.079509
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0.016977	0.030918	0.035459	0.050521	-0.05378	-0.0689	0.070193	-0.08722	0.0837
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0.016692	0.021342	0.031587	0.034429	-0.04477	-0.04533	0.05625	-0.04961	0.065552
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0.00325	-0.00625	0.001937	-0.01158	0.002411	0.019489	-0.00816	0.037135	-0.0151

0.118931	0.052681	0.024348	-0.00419	-0.04192	-0.02013	-0.11676	0.056152	0.035569
-0.05261	0.01375	-0.04758	0.043906	0.058882	0.055522	0.063963	0.022058	-0.06634
-0.02477	-0.06062	0.043438	-0.05494	-0.04312	-0.05671	0.015914	-0.0787	0.056857
-0.10136	-0.00867	-0.05522	0.04298	0.070606	0.058192	0.099088	0.000886	-0.07062
0.074242	-0.03027	0.076311	-0.07157	-0.08948	-0.08512	-0.08419	-0.04157	0.095594
0.021003	0.088809	-0.0715	0.08518	0.069246	0.085396	-0.01645	0.110858	-0.08117
0.089684	-0.02403	0.076792	-0.06847	-0.08555	-0.0775	-0.07649	-0.0363	0.08021
-0.08098	0.047329	-0.0939	0.087761	0.101251	0.094881	0.079728	0.05151	-0.09565
-0.02836	-0.11155	0.085023	-0.09899	-0.0735	-0.08937	0.036268	-0.12364	0.072283
-0.06992	0.047487	-0.08204	0.074895	0.077296	0.069997	0.037883	0.047956	-0.05579
0.081617	-0.05299	0.094453	-0.08369	-0.08981	-0.07748	-0.06269	-0.03539	0.063001
0.039412	0.121271	-0.08185	0.092497	0.056271	0.067659	-0.06225	0.108245	-0.03492
0.042618	-0.0601	0.070562	-0.06214	-0.04809	-0.03901	0.008831	-0.03654	0.00715
-0.07512	0.046863	-0.07793	0.060376	0.058188	0.038058	0.039418	-0.00216	-0.01001
-0.05253	-0.11628	0.06263	-0.06723	-0.02229	-0.02702	0.085048	-0.06963	-0.01606
-0.01102	0.060229	-0.04433	0.033195	0.004855	-0.0063	-0.05206	0.008619	0.047804
0.063763	-0.02897	0.047472	-0.02262	-0.01479	0.012	-0.01996	0.050565	-0.04347
0.065416	0.097373	-0.03137	0.029183	-0.01897	-0.01983	-0.09533	0.020397	0.060151
-0.0218	-0.04898	0.008289	0.004931	0.041743	0.052169	0.082082	0.022546	-0.08845
-0.05011	0.001527	-0.00881	-0.02148	-0.02917	-0.05823	0.012104	-0.09481	0.077698
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0.052492	0.029371	0.030646	-0.04308	-0.08006	-0.08454	-0.09313	-0.04263	0.099402
0.03681	0.031413	-0.03076	0.06228	0.062451	0.087288	-0.01896	0.12058	-0.08038
0.080012	0.030662	0.040936	-0.04948	-0.07865	-0.07703	-0.05909	-0.05053	0.066198
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0.095895	-0.01658	0.087996	-0.08466	-0.09799	-0.07543	-0.06391	-0.01624	0.027895
0.019898	0.092936	-0.08412	0.100974	0.068766	0.06876	-0.06187	0.090959	-0.00276
0.066628	-0.04073	0.080058	-0.07654	-0.05942	-0.03904	0.029853	-0.03303	-0.03051
-0.10483	0.033084	-0.09521	0.07754	0.073299	0.035713	0.038429	-0.02636	0.028061
-0.01866	-0.11134	0.088082	-0.09054	-0.0412	-0.02769	0.08078	-0.04444	-0.046
-0.04783	0.065287	-0.07595	0.061459	0.02132	-0.00597	-0.07047	0.001813	0.07769
0.10453	-0.03999	0.085086	-0.0518	-0.03284	0.014426	-0.01853	0.073368	-0.07079
0.022168	0.11658	-0.07515	0.062034	0.001876	-0.01949	-0.08584	-0.00584	0.075358
0.022282	-0.07779	0.055887	-0.03096	0.024777	0.051421	0.095688	0.026606	-0.09928
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0.007744	0.077259	-0.0237	-0.00751	-0.06729	-0.0833	-0.10096	-0.03905	0.086914
0.080868	-0.01947	0.022993	0.030886	0.052617	0.089178	-0.0187	0.122345	-0.06563
0.0376	0.084645	-0.01237	-0.02061	-0.06807	-0.07708	-0.03993	-0.06156	0.039974
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0.069035	0.043828	0.050967	-0.07146	-0.10205	-0.07327	-0.06238	0.004352	-0.0111
0.042084	0.035312	-0.05412	0.095009	0.077858	0.069615	-0.05895	0.067915	0.029599
0.049104	0.012562	0.056276	-0.07697	-0.06774	-0.0394	0.050063	-0.02727	-0.06405
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-0.02394	-0.06507	0.080371	-0.10119	-0.05808	-0.02807	0.073962	-0.01658	-0.06747
-0.04766	0.026556	-0.0756	0.078554	0.036488	-0.00534	-0.08701	-0.00501	0.095323
0.111109	-0.00556	0.092542	-0.07137	-0.04977	0.016817	-0.0148	0.091615	-0.08539
0.009736	0.089436	-0.09131	0.08688	0.022588	-0.01949	-0.0741	-0.03141	0.076793
0.039427	-0.06035	0.079018	-0.06105	0.00702	0.050415	0.106659	0.028662	-0.0941
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0.117242	-0.0329	0.069222	-0.00379	0.040036	0.090884	-0.01631	0.116224	-0.03959
-0.00248	0.105218	-0.06306	0.013489	-0.05421	-0.07748	-0.02007	-0.06832	0.005766

0.002485	-0.09529	0.038577	0.009876	0.086363	0.0897	0.086961	0.012923	-0.00664
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0.000862	-0.09253	0.029775	0.02925	0.074132	0.070533	-0.02485	0.05102	0.048119
0.023615	0.092688	-0.00261	-0.04605	-0.1018	-0.07105	-0.05798	0.025046	-0.04751
0.087483	-0.01712	-0.00346	0.075622	0.083179	0.070175	-0.0538	0.040596	0.056272
0.00409	0.066993	0.00819	-0.06351	-0.07264	-0.04007	0.068738	-0.01977	-0.08769
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0.078284	0.054138	0.066858	-0.07797	-0.06476	0.019108	-0.00886	0.104077	-0.08507
0.038134	0.03184	-0.07386	0.09963	0.042268	-0.01983	-0.06067	-0.05466	0.063987
0.014985	-0.00796	0.068846	-0.08064	-0.01067	0.049203	0.114515	0.028485	-0.07366
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0.115902	-0.00062	0.090131	-0.03597	0.025337	0.092353	-0.01202	0.102596	-0.00708
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0.012349	-0.07955	0.073801	-0.02685	0.073704	0.087755	0.083039	-0.00371	0.032198
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0.022818	-0.09058	0.075717	-0.00395	0.065492	0.07136	-0.04443	0.045008	0.076699
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0.118424	-0.033	0.048343	0.046013	0.084537	0.070408	-0.04684	0.01078	0.072389
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0.034073	-0.07411	0.008531	0.071081	0.06007	-0.00333	-0.11211	-0.01652	0.083999
0.033432	0.103727	0.017676	-0.07035	-0.07709	0.021237	-0.00092	0.109891	-0.07022
0.083599	-0.02205	-0.02963	0.098145	0.060061	-0.02053	-0.04618	-0.07412	0.03901
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0.025223	-0.01144	-0.06003	0.082447	-0.01565	-0.0786	-0.10504	-0.01238	-0.01533
0.078013	0.058169	0.077567	-0.0603	0.009251	0.09354	-0.00618	0.082325	0.025982
0.026374	0.021994	-0.08816	0.074719	-0.01908	-0.07926	0.01888	-0.06791	-0.06283
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0.013876	0.113879	-0.03641	-0.04961	-0.08614	0.02315	0.008709	0.108621	-0.04371
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0.070653	-0.03317	-0.05327	0.091561	0.00065	-0.0806	0.03659	-0.06097	-0.08527
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0.027293	0.105451	0.051988	-0.05232	0.065696	0.068998	-0.0203	-0.07431	0.039803
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0.041604	-0.01508	0.081787	0.066634	0.038691	-0.07379	-0.0776	0.025138	-0.09434
0.050814	0.085888	-0.06588	-0.05587	-0.03922	0.095107	0.016035	-0.00373	0.07486
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0.113438	-0.02658	-0.05879	0.051434	-0.08986	0.02715	0.043107	0.064807	0.052641
0.010893	0.095385	0.064682	-0.01531	0.098955	-0.02654	0.009748	-0.09508	-0.08154
0.028979	-0.06477	-0.08559	0.006339	-0.07125	0.04216	0.098945	-0.00204	0.091003
-0.10919	0.002941	0.081366	-0.01103	0.081926	-0.07029	-0.03857	-0.0196	-0.07497
-0.0128	-0.06529	-0.07953	-0.02429	-0.08855	0.066723	-0.04064	0.061318	0.09007
-0.00307	0.046051	0.095541	0.037816	0.053505	-0.07246	-0.06222	0.036151	-0.09311
0.096681	0.026943	-0.08797	-0.02929	-0.05275	0.094921	0.023269	-0.03467	0.064667
0.018253	0.02789	0.077925	0.059732	0.058044	-0.08581	0.075852	-0.02053	-0.06515
-0.02637	-0.02199	-0.08816	-0.07472	-0.01908	0.079264	0.01888	-0.06791	0.062833
-0.07801	-0.05817	0.077567	0.060304	0.009251	-0.09354	-0.00618	0.082325	-0.02598
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0.056346	-0.00236	0.064739	0.096361	-0.02259	-0.06013	0.020237	0.083424	-0.01225
0.05594	0.08539	-0.05243	-0.07505	0.037922	0.06636	-0.0034	-0.10973	-0.0258
0.03129	-0.04708	0.02924	0.086733	-0.02746	-0.04784	0.118887	0.026013	0.041291
-0.0836	0.022049	-0.02963	-0.09814	0.060061	0.02053	-0.04618	-0.07412	-0.03901
-0.03343	-0.10373	0.017676	0.070353	-0.07709	-0.02124	-0.00092	0.109891	0.070217
-0.03407	0.074113	0.008531	-0.07108	0.06007	0.003334	-0.11211	-0.01652	-0.084
0.105096	-0.03305	-0.01058	0.079922	-0.08293	0.027809	0.054574	0.039867	0.071288
0.013252	0.109599	0.019749	-0.0476	0.098583	-0.02867	0.020405	-0.08476	-0.08948
0.031635	-0.08909	-0.04595	0.038542	-0.07384	0.041003	0.085223	-0.01113	0.097275
-0.11842	0.033	0.048343	-0.04601	0.084537	-0.07041	-0.04684	0.01078	-0.07239
0.002433	-0.10135	-0.0524	0.012366	-0.09723	0.068851	-0.05069	0.044473	0.075325

-0.02282	0.09058	0.075717	0.003952	0.065492	-0.07136	-0.04443	0.045008	-0.0767
0.122127	-0.02158	-0.0766	0.004217	-0.06376	0.094389	0.029531	-0.0634	0.042245
-0.01235	0.079553	0.073801	0.026851	0.073704	-0.08775	0.083039	-0.00371	-0.0322
0.007468	-0.07938	-0.09195	-0.04714	-0.03763	0.078212	-0.00023	-0.07045	0.030599
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0.016265	-0.04694	-0.07969	-0.0606	-0.0343	0.080266	-0.10717	-0.02346	-0.02437
0.013487	0.058344	0.091355	0.081555	-0.00193	-0.05919	0.037998	0.075367	0.023153
0.100639	0.026238	-0.08658	-0.06553	0.021375	0.064612	0.003289	-0.1172	-0.05603
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0.01018	0.031883	-0.04336	-0.08188	0.049618	0.004443	-0.10107	-0.0113	-0.0976
0.063814	0.005014	0.042626	0.09745	-0.07219	0.028113	0.065051	0.012144	0.076486
0.051567	0.077855	-0.03501	-0.07079	0.093993	-0.03095	0.028876	-0.0691	-0.08218
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0.106137	-0.03054	-0.0363	0.039132	-0.07168	0.093534	0.034337	-0.08809	0.011651
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0.002482	-0.10522	-0.06306	-0.01349	-0.05421	0.077476	-0.02007	-0.06832	-0.00577
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0.024106	-0.08424	-0.06582	-0.02896	-0.05179	0.081852	-0.10574	-0.03254	-0.06044
0.000817	0.103842	0.085059	0.055296	0.018657	-0.0586	0.055488	0.06221	0.053391
0.119102	-0.02396	-0.08918	-0.04355	0.004117	0.062636	0.008268	-0.11709	-0.07701
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0.047658	-0.02656	-0.0756	-0.07855	0.036488	0.005338	-0.08701	-0.00501	-0.09532
0.023942	0.06507	0.080371	0.101189	-0.05808	0.028069	0.073962	-0.01658	0.067468
0.09385	0.018639	-0.07886	-0.08128	0.085426	-0.03332	0.034921	-0.04919	-0.06057
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0.045067	0.05148	-0.02488	-0.0562	0.079067	-0.07002	-0.00413	0.053679	-0.01239
0.06197	0.005436	0.017378	0.0697	-0.07609	0.092391	0.037271	-0.10712	-0.02158
0.039279	0.064883	-0.01439	-0.04466	0.095435	-0.09158	0.087633	0.028272	0.044959
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0.029155	0.107367	0.048094	0.021969	0.038274	-0.05836	0.072016	0.044737	0.073308
0.095914	-0.03538	-0.05942	-0.01283	-0.01301	0.060487	0.011261	-0.10945	-0.08479
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0.047828	-0.06529	-0.07595	-0.06146	0.02132	0.00597	-0.07047	0.001813	-0.07769
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0.104826	-0.03308	-0.09521	-0.07754	0.073299	-0.03571	0.038429	-0.02636	-0.02806
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0.077406	-0.00719	-0.06753	-0.07234	0.080118	-0.06984	0.017004	0.052696	0.024329
0.026189	0.064705	0.063787	0.090853	-0.07673	0.091002	0.038006	-0.11926	-0.0514
0.077985	0.00583	-0.06496	-0.07203	0.100497	-0.09332	0.085209	0.04135	0.076387
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0.075395	0.067333	-0.00562	-0.0129	0.056067	-0.05846	0.086913	0.024036	0.079617

0.050111	-0.00153	-0.00881	0.021478	-0.02917	0.058226	0.012104	-0.09481	-0.0777
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0.075124	-0.04686	-0.07793	-0.06038	0.058188	-0.03806	0.039418	-0.00216	0.010013
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0.069918	-0.04749	-0.08204	-0.07489	0.077296	-0.07	0.037883	0.047956	0.055787
0.028357	0.111549	0.085023	0.09899	-0.0735	0.08937	0.036268	-0.12364	-0.07228
0.08098	-0.04733	-0.0939	-0.08776	0.101251	-0.09488	0.079728	0.05151	0.095646
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0.101362	0.008669	-0.05522	-0.04298	0.070606	-0.05819	0.099088	0.000886	0.070624
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-0.00993	0.030154	-0.08197	-0.08794	-0.09573	-0.00362	-0.08792	-0.02475	-0.0513
0.005889	-0.0761	-0.00672	0.074147	0.047149	-0.02522	0.061441	0.070906	0.080826
-0.04471	0.108561	0.031113	-0.09074	-0.03226	0.000768	0.05835	-0.07264	-0.10889

0.066518	-0.05313	0.104481	0.074851	0.044215	-0.05287	0.040882	0.069687	0.061494
-0.05457	0.074002	-0.03633	-0.04233	0.007915	0.088972	-0.04881	-0.099	-0.05678
0.080817	-0.10558	-0.02508	0.044454	-0.03741	-0.05212	-0.08903	0.088162	0.073875
-0.09857	0.039803	-0.10507	-0.02461	0.021762	0.078885	0.014927	-0.05897	-0.01464
0.074439	-0.03515	0.059483	-0.01767	-0.06241	-0.11046	0.033581	0.066608	-0.01579
-0.08283	0.066448	0.036374	0.021932	0.093198	0.057887	0.103413	-0.04606	-0.00054
0.093204	0.001302	0.079	-0.03509	-0.06471	-0.05382	-0.05491	-0.0009	-0.05022
-0.0576	-0.02562	-0.05975	0.074451	0.081891	0.078225	-0.03481	0.00623	0.087363
0.048499	-0.01002	-0.06224	-0.07519	-0.10476	-0.01736	-0.08588	-0.02251	-0.05733
-0.05328	-0.04807	-0.03328	0.071836	0.06123	-0.01102	0.065685	0.069138	0.079959
0.012172	0.082872	0.045299	-0.09787	-0.05205	-0.01297	0.056989	-0.07235	-0.10815
0.008791	-0.03762	0.090268	0.08907	0.066579	-0.04056	0.039018	0.068799	0.058954
-0.0038	0.07533	-0.01648	-0.06554	-0.01542	0.079115	-0.05289	-0.09845	-0.04734
0.04121	-0.11227	-0.03072	0.074836	-0.01277	-0.04535	-0.08651	0.089387	0.064687
-0.06567	0.055369	-0.10463	-0.05791	-0.00103	0.07563	0.017286	-0.05985	-0.00667
0.053649	-0.06687	0.053485	0.018995	-0.04364	-0.11109	0.036286	0.06735	-0.02829
-0.07834	0.101827	0.029117	-0.01622	0.077675	0.06231	0.100784	-0.0484	0.010316
0.098744	-0.03689	0.094266	-0.0005	-0.05453	-0.06162	-0.05826	0.001096	-0.05616
-0.07529	0.023197	-0.06774	0.04355	0.078893	0.088954	-0.03537	0.005089	0.094846
0.081913	-0.05738	-0.04502	-0.04877	-0.10713	-0.03025	-0.08369	-0.02028	-0.06233
-0.09458	-0.00656	-0.05875	0.054365	0.069337	0.002958	0.069816	0.067309	0.07781
0.060164	0.038429	0.060519	-0.08906	-0.06692	-0.02713	0.055491	-0.07203	-0.10585
-0.049	-0.00018	0.071855	0.087719	0.085372	-0.02719	0.037082	0.067907	0.055399
0.055406	0.051514	0.008927	-0.07454	-0.03685	0.067661	-0.05687	-0.09783	-0.03708
-0.01577	-0.09191	-0.04315	0.093009	0.011715	-0.03656	-0.08383	0.090559	0.054628
-0.00757	0.044698	-0.09518	-0.08188	-0.0254	0.070065	0.019628	-0.06074	0.001439
0.001837	-0.07355	0.03816	0.049863	-0.02161	-0.10929	0.038889	0.068045	-0.04045
-0.03765	0.114334	0.03073	-0.05224	0.057434	0.064369	0.097976	-0.05069	0.020873
0.064677	-0.05696	0.100071	0.035841	-0.03855	-0.06728	-0.06152	0.003126	-0.06122
-0.05281	0.058863	-0.06734	0.006968	0.069344	0.097937	-0.03581	0.003954	0.10097
0.075814	-0.09655	-0.03398	-0.01329	-0.10262	-0.0419	-0.08136	-0.01806	-0.06625
-0.09873	0.033546	-0.07897	0.024989	0.070778	0.016306	0.073829	0.065421	0.074398
0.076179	-0.011	0.072464	-0.06603	-0.07574	-0.04131	0.053859	-0.07167	-0.10204
-0.08097	0.047399	0.053534	0.070865	0.099096	-0.01317	0.035079	0.067012	0.050898
0.095756	0.011674	0.035827	-0.06773	-0.0546	0.054943	-0.06072	-0.09714	-0.02616
-0.06276	-0.05062	-0.05893	0.09582	0.034146	-0.026	-0.08099	0.091678	0.043853
0.049526	0.010504	-0.07942	-0.092	-0.04942	0.062352	0.021948	-0.06163	0.009566
-0.05736	-0.05425	0.015401	0.069326	0.001874	-0.10512	0.041383	0.068693	-0.05209
0.0194	0.099585	0.040398	-0.07978	0.034056	0.064004	0.094996	-0.05295	0.030974
0.006265	-0.05128	0.096158	0.067211	-0.01802	-0.07065	-0.06469	0.005185	-0.06531
9.25E-06	0.070788	-0.05734	-0.0286	0.054063	0.104912	-0.03614	0.002821	0.105644
0.034033	-0.11471	-0.03137	0.024994	-0.09159	-0.05198	-0.07889	-0.01586	-0.06902
-0.06353	0.057862	-0.0908	-0.01087	0.065396	0.028635	0.077715	0.063475	0.069764
0.052037	-0.05012	0.077451	-0.03305	-0.07785	-0.0551	0.052093	-0.07128	-0.09676
-0.07324	0.089835	0.039457	0.041386	0.106656	0.001116	0.033013	0.066116	0.045532
0.098523	-0.02981	0.059816	-0.04641	-0.06721	0.041332	-0.06445	-0.09639	-0.01474
-0.07711	-0.00126	-0.07379	0.082893	0.052774	-0.01398	-0.07798	0.09274	0.032529
0.079999	-0.03664	-0.06131	-0.08627	-0.07119	0.052711	0.02424	-0.06253	0.017563
-0.09674	-0.01661	-0.01132	0.073857	0.024871	-0.0987	0.043765	0.069296	-0.06304
0.065381	0.06201	0.055473	-0.09398	0.009374	0.061229	0.091848	-0.05515	0.040468
-0.05008	-0.02081	0.084252	0.087772	0.005472	-0.07162	-0.06775	0.007271	-0.06834
0.05915	0.056258	-0.03854	-0.05667	0.034325	0.109679	-0.03637	0.001692	0.108799
-0.02306	-0.10578	-0.0375	0.059308	-0.07489	-0.06019	-0.07629	-0.01368	-0.07063
-0.00486	0.057276	-0.09287	-0.04659	0.053577	0.039585	0.081467	0.061473	0.063966
-0.00174	-0.06711	0.073216	0.003811	-0.07314	-0.06809	0.050198	-0.07084	-0.09011
-0.03039	0.113397	0.032752	0.00445	0.107445	0.015247	0.030891	0.065218	0.0394
0.062234	-0.05806	0.077077	-0.01451	-0.07363	0.027224	-0.06804	-0.09557	-0.00299
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0.070632	-0.08176	-0.04518	-0.06555	-0.08898	0.041423	0.026499	-0.06342	0.025291
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0.078058	0.013403	0.072046	-0.09244	-0.01468	0.056123	0.08854	-0.05731	0.049214
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0.097531	0.021303	-0.01358	-0.07211	0.011764	0.112097	-0.03648	0.000564	0.110388
-0.06801	-0.07244	-0.0507	0.083604	-0.05382	-0.06631	-0.07356	-0.01152	-0.07104
0.050682	0.030947	-0.08578	-0.07558	0.036224	0.048838	0.085078	0.059417	0.057084
-0.06077	-0.05753	0.05941	0.037787	-0.06204	-0.07991	0.048176	-0.07037	-0.08219
0.026725	0.110406	0.034851	-0.03342	0.101397	0.028813	0.028717	0.064321	0.032613
0.003354	-0.06258	0.08518	0.022103	-0.07329	0.013029	-0.0715	-0.09469	0.008931
0.003354	0.062581	-0.08518	0.022103	0.073286	0.013029	-0.0715	0.094689	0.008931
0.026725	-0.11041	-0.03485	-0.03342	-0.1014	0.028813	0.028717	-0.06432	0.032613
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0.050682	-0.03095	0.085785	-0.07558	-0.03622	0.048838	0.085078	-0.05942	0.057084
-0.06801	0.07244	0.050702	0.083604	0.053825	-0.06631	-0.07356	0.01152	-0.07104
0.097531	-0.0213	0.013582	-0.07211	-0.01176	0.112097	-0.03648	-0.00056	0.110388
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0.078058	-0.0134	-0.07205	-0.09244	0.01468	0.056123	0.08854	0.057309	0.049214
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0.070632	0.081759	0.045185	-0.06555	0.088985	0.041423	0.026499	0.063424	0.025291
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0.062234	0.058059	-0.07708	-0.01451	0.07363	0.027224	-0.06804	0.095571	-0.00299
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0.065381	-0.06201	-0.05547	-0.09398	-0.00937	0.061229	0.091848	0.055151	0.040468
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0.079999	0.036639	0.061307	-0.08627	0.071191	0.052711	0.02424	0.062529	0.017563
-0.07711	0.00126	0.073794	0.082893	-0.05277	-0.01398	-0.07798	-0.09274	0.032529
0.098523	0.029813	-0.05982	-0.04641	0.067214	0.041332	-0.06445	0.09639	-0.01474
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0.052037	0.050117	-0.07745	-0.03305	0.077852	-0.0551	0.052093	0.071278	-0.09676
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0.034033	0.114712	0.031369	0.024994	0.091589	-0.05198	-0.07889	0.015859	-0.06902
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0.006265	0.051284	-0.09616	0.067211	0.018015	-0.07065	-0.06469	-0.00518	-0.06531
0.0194	-0.09958	-0.0404	-0.07978	-0.03406	0.064004	0.094996	0.052946	0.030974
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0.049526	-0.0105	0.079418	-0.092	0.049422	0.062352	0.021948	0.061635	0.009566
-0.06276	0.050618	0.05893	0.09582	-0.03415	-0.026	-0.08099	-0.09168	0.043853
0.095756	-0.01167	-0.03583	-0.06773	0.054601	0.054943	-0.06072	0.097144	-0.02616
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0.076179	0.011	-0.07246	-0.06603	0.075741	-0.04131	0.053859	0.071672	-0.10204
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0.075814	0.096555	0.033983	-0.01329	0.102624	-0.0419	-0.08136	0.018059	-0.06625
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0.064677	0.056957	-0.10007	0.035841	0.038553	-0.06728	-0.06152	-0.00313	-0.06122
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0.001837	0.073547	-0.03816	0.049863	0.021606	-0.10929	0.038889	-0.06804	-0.04045
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0.055406	-0.05151	-0.00893	-0.07454	0.036848	0.067661	-0.05687	0.097832	-0.03708
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0.060164	-0.03843	-0.06052	-0.08906	0.066925	-0.02713	0.055491	0.072029	-0.10585
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0.081913	0.057381	0.045019	-0.04877	0.107129	-0.03025	-0.08369	0.020276	-0.06233
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0.098744	0.036886	-0.09427	-0.0005	0.054532	-0.06162	-0.05826	-0.0011	-0.05616
-0.07834	-0.10183	-0.02912	-0.01622	-0.07768	0.06231	0.100784	0.048399	0.010316
0.053649	0.066866	-0.05348	0.018995	0.043639	-0.11109	0.036286	-0.06735	-0.02829
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0.04121	0.112273	0.030724	0.074836	0.012774	-0.04535	-0.08651	-0.08939	0.064687
-0.0038	-0.07533	0.016479	-0.06554	0.015422	0.079115	-0.05289	0.098451	-0.04734
0.008791	0.03762	-0.09027	0.08907	-0.06658	-0.04056	0.039018	-0.0688	0.058954
0.012172	-0.08287	-0.0453	-0.09787	0.052052	-0.01297	0.056989	0.07235	-0.10815
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0.048499	0.010022	0.062241	-0.07519	0.104763	-0.01736	-0.08588	0.022508	-0.05733
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0.093204	-0.0013	-0.079	-0.03509	0.064711	-0.05382	-0.05491	0.000903	-0.05022
-0.08283	-0.06645	-0.03637	0.021932	-0.0932	0.057887	0.103413	0.046063	-0.00054
0.074439	0.035151	-0.05948	-0.01767	0.062411	-0.11046	0.033581	-0.06661	-0.01579
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0.080817	0.105582	0.025084	0.044454	0.037413	-0.05212	-0.08903	-0.08816	0.073875
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0.066518	0.053133	-0.10448	0.074851	-0.04422	-0.05287	0.040882	-0.06969	0.061494
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0.005889	0.076097	0.006722	0.074147	-0.04715	-0.02522	0.061441	-0.07091	0.080826
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0.050999	-0.04394	-0.05647	-0.06153	0.068309	-0.04412	-0.05149	0.002871	-0.04351
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0.083707	0.074475	0.028128	0.007222	0.060279	-0.05666	-0.09137	-0.08689	0.082047
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0.098226	0.042271	-0.11098	0.047815	-0.02006	-0.06377	0.042667	-0.07057	0.062968
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0.04814	0.103258	0.031555	0.098558	-0.06759	0.052819	-0.03339	-0.00853	0.068779
-0.0081	-0.07582	-0.03035	-0.07491	0.065076	-0.0328	-0.04799	0.004807	-0.03616
0.010996	0.02241	-0.07097	0.078455	-0.10573	0.042524	0.10812	0.041277	-0.02247
0.00515	-0.06124	-0.04578	-0.08185	0.084338	-0.10208	0.027881	-0.06498	0.009493
-0.04855	0.039165	0.077359	0.044684	-0.0557	0.078164	0.010187	0.057205	-0.02954
0.047519	0.02947	0.039789	-0.03026	0.079591	-0.05884	-0.09353	-0.08556	0.089074
-0.05261	-0.0011	0.049749	0.028151	-0.05266	0.102801	-0.04034	0.099887	-0.0727
0.089902	0.00939	-0.1078	0.013037	0.003961	-0.07295	0.044369	-0.07145	0.063343
-0.08453	-0.08136	-0.0207	-0.03605	-0.01572	0.025374	0.060653	0.073107	-0.10565
0.072902	0.057619	-0.03291	0.034175	-0.00612	-0.05264	0.052652	-0.07425	0.078737
-0.09771	-0.04427	0.111881	-0.06677	0.061062	0.024837	-0.09154	0.029276	-0.03655
0.085533	0.108373	0.019698	0.087217	-0.05133	0.038879	-0.03252	-0.00969	0.057952
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0.067814	0.046892	-0.09128	0.086928	-0.10179	0.032027	0.110187	0.038833	-0.0332
-0.05148	-0.09645	-0.03164	-0.09763	0.085629	-0.09456	0.024896	-0.06409	0.021896
0.010424	0.074479	0.05325	0.067809	-0.06417	0.074211	0.007816	0.056328	-0.03624
-0.012	-0.0145	0.058049	-0.06136	0.093847	-0.05861	-0.09551	-0.0842	0.094844
-0.00175	0.048975	0.043213	0.062645	-0.0704	0.10637	-0.03596	0.100221	-0.07895
0.045948	-0.0338	-0.09492	-0.02301	0.025944	-0.08014	0.045984	-0.07232	0.062605
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0.0502	0.014616	-0.04023	-0.00096	0.017457	-0.06506	0.048124	-0.07583	0.075842
-0.08798	-0.01471	0.115071	-0.03705	0.038215	0.038729	-0.09311	0.031549	-0.02805
0.08528	0.087	0.014353	0.061925	-0.03048	0.024648	-0.03154	-0.01086	0.046311
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0.097021	0.045786	-0.1079	0.079521	-0.09132	0.020041	0.112059	0.036357	-0.04357
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0.0578	0.089123	0.027357	0.076899	-0.06596	0.067997	0.005453	0.055456	-0.04226
-0.06828	-0.04299	0.079361	-0.08061	0.101948	-0.05596	-0.0973	-0.08278	0.09926
0.054715	0.08823	0.030927	0.088114	-0.08298	0.107545	-0.03151	0.10048	-0.08395
-0.01287	-0.07208	-0.07428	-0.05363	0.044143	-0.08513	0.0475	-0.07318	0.060757
0.01296	0.006525	-0.04404	0.03816	-0.06242	0.043847	0.062405	0.073462	-0.0963
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0.046517	0.046792	0.017631	0.027175	-0.00668	0.01056	-0.03047	-0.01201	0.033999
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0.085825	0.019922	-0.11704	0.057692	-0.07508	0.006869	0.113619	0.033763	-0.05326
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0.071861	0.077011	0.003505	0.070382	-0.06129	0.059748	0.003706	0.054843	-0.04795
-0.09629	-0.0472	0.098913	-0.08491	0.103374	-0.05138	-0.09831	-0.08159	0.102345
0.089164	0.105258	0.019008	0.099462	-0.08834	0.106466	-0.02928	0.100074	-0.08639
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0.070159	0.036601	-0.07166	0.06702	-0.08305	0.048678	0.070202	0.074462	-0.09236
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0.013596	0.076091	0.109454	0.034706	-0.00597	0.070081	-0.11386	0.036827	-0.00512

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0.096527	-0.02378	-0.09251	-0.08332	0.100524	-0.01008	-0.10253	-0.09603	-0.07738
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0.083757	-0.02999	-0.07224	-0.06	0.075291	-0.0037	-0.06928	-0.06096	-0.04563
-0.10369	0.01648	0.097498	0.085099	-0.09297	0.014429	0.091775	0.081221	0.060941
0.034715	0.111613	-0.06994	-0.08989	-0.00854	-0.12308	-0.04777	-0.067	0.077419
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0.051068	-0.01567	-0.03679	-0.02014	0.029353	0.016768	-0.00998	0.006837	-0.02329
0.025722	-0.10949	0.002743	0.019381	0.069822	0.082608	-0.0321	-0.01865	-0.09719
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0.01907	0.048257	-0.04663	-0.06796	0.022163	-0.0824	-0.06715	-0.08769	0.028342
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0.104096	-0.02768	-0.10092	-0.09078	0.106013	-0.01276	-0.10291	-0.08901	-0.0673
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0.076191	-0.00427	-0.06522	-0.05404	0.031803	-0.03372	-0.02765	-0.01772	0.033442
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0.022893	0.115431	-0.04831	-0.05792	-0.0454	-0.09956	0.009326	0.004063	0.093728
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0.032912	-0.02712	-0.00124	0.030413	-0.00771	0.063351	0.053826	0.081289	-0.02456
0.040465	-0.09435	-0.02637	-0.02232	0.086088	0.029882	-0.06933	-0.06285	-0.05354
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0.033138	0.066004	-0.07118	-0.09772	0.025381	-0.11598	-0.0755	-0.0878	0.062164
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0.109707	-0.02509	-0.1016	-0.08137	0.084053	-0.00345	-0.05794	-0.02282	-0.03387
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0.063085	0.019049	-0.04556	-0.02711	-0.02646	-0.03824	0.040352	0.054695	0.088917
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0.009503	0.110907	-0.02038	-0.01508	-0.07384	-0.05037	0.05853	0.058813	0.055978
0.009803	-0.04688	-0.03179	-0.04799	0.099761	0.009552	-0.10386	-0.09422	-0.08334
0.013976	-0.04098	0.033448	0.074636	-0.02764	0.103918	0.080464	0.095042	-0.05387
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0.04425	0.082459	-0.08481	-0.1042	0.005593	-0.11915	-0.03725	-0.02655	0.083851
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0.110356	-0.02324	-0.08916	-0.04984	0.043439	0.02757	0.01276	0.061685	-0.01942
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0.046365	0.038301	-0.01746	0.01115	-0.07986	-0.02435	0.094233	0.092753	0.090632
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0.032763	-0.05202	-0.06253	-0.0764	0.113517	-0.00135	-0.09321	-0.04966	-0.04627
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0.064244	-0.04703	-0.06646	-0.06393	0.035921	-0.04886	-0.00805	0.025023	0.090318
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0.051883	0.095671	-0.08594	-0.08645	-0.02746	-0.0885	0.021568	0.043298	0.058524
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0.106075	-0.02335	-0.06521	-0.00354	0.000673	0.069783	0.069933	0.101786	-0.03756
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0.026782	0.05235	0.015061	0.049275	-0.11167	-0.00768	0.102452	0.060895	0.053068
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0.054628	-0.05258	-0.08602	-0.0851	0.096375	0.006493	-0.03634	0.03538	-0.01768
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0.071632	-0.01898	-0.07094	-0.05291	-0.01964	-0.05163	0.058592	0.081869	0.103204
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0.055695	0.103853	-0.07476	-0.04988	-0.0581	-0.03476	0.063007	0.064238	-0.01164
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0.097154	-0.02627	-0.03298	0.046004	-0.02809	0.104481	0.083002	0.069727	-0.06289
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0.074337	-0.0497	-0.09873	-0.07043	0.056508	0.034803	0.035473	0.097691	-0.02246
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0.055571	0.105616	-0.05326	-0.00477	-0.0709	0.02206	0.059944	0.020689	-0.08545
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0.084115	-0.03228	0.003123	0.086269	-0.03322	0.113836	0.047723	-0.00561	-0.05565
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0.074633	0.03442	-0.0447	0.014918	-0.11162	-0.01661	0.092426	0.009091	0.021477
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0.051626	0.100155	-0.02492	0.036599	-0.05689	0.061915	0.012369	-0.04865	-0.11571
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0.007963	0.074143	-0.08987	-0.08035	-0.04078	-0.01728	0.065085	0.046463	-0.0783
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0.103592	-0.03953	-0.08554	0.012287	-0.02719	0.101402	0.081517	0.024508	-0.04899
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0.069762	0.055633	-0.01763	0.050939	-0.11878	-0.01091	0.036902	-0.07284	0.003972
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0.044198	0.087365	0.005827	0.063256	-0.01728	0.073824	-0.05238	-0.08269	-0.08819
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0.025939	0.084493	-0.09092	-0.03944	-0.0594	0.040042	0.049684	-0.01919	-0.11914
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0.111715	-0.03526	-0.06105	0.059844	-0.04168	0.104301	0.035487	-0.04845	-0.00709
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0.060709	0.071188	0.013885	0.073289	-0.09489	-0.02553	-0.0361	-0.10675	0.018229
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0.028269	-0.063	0.087012	0.076225	0.044564	-0.02204	-0.0605	0.003579	0.119311
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0.047817	0.080385	0.045173	0.074548	-0.04928	-0.05479	-0.08695	-0.06776	0.032247
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0.023452	-0.06894	-0.0953	-0.02075	-0.02501	0.094949	0.07584	-0.02589	-0.01058
0.007352	-0.07312	0.094391	0.033368	0.055442	-0.07058	-0.01806	0.064348	0.105623
0.040362	0.02254	-0.06294	0.017953	-0.12188	-0.01434	0.012542	-0.10358	-0.00016
-0.09472	0.043009	0.072295	-0.06594	0.045094	-0.08627	0.002852	0.073109	-0.05814
0.053989	0.091244	-0.0575	0.047459	-0.02165	0.085562	-0.06603	-0.06561	-0.04171
-0.06747	-0.07258	0.003036	-0.07181	0.078884	0.038853	0.07541	0.079817	-0.02509

0.113025	-0.03377	0.007945	0.109477	-0.00322	0.02022	-0.06222	-0.027	0.116609
-0.05776	-0.07141	-0.01928	-0.07022	-0.05914	-0.05128	0.096717	-0.01728	-0.00966
0.031649	0.083231	0.071513	0.053145	0.001609	-0.08283	-0.08918	0.01231	0.011145
-0.06493	0.052425	-0.08107	-0.07141	-0.04605	0.057874	0.037868	-0.0536	-0.11012
0.007233	0.014748	0.06777	0.019335	0.118171	0.017375	-0.0367	0.098017	0.00894
0.044893	-0.06143	-0.09462	0.026784	-0.04853	0.092024	0.021015	-0.07329	0.052574
-0.01296	-0.0804	0.088851	-0.01387	0.04045	-0.09167	0.044615	0.070762	0.047056
0.050582	0.049192	-0.04533	0.051784	-0.10308	-0.02588	-0.05822	-0.09001	0.01729
-0.10618	0.037239	0.043101	-0.09873	0.02748	-0.04057	0.052998	0.041017	-0.11381
0.062751	0.085302	-0.02852	0.070775	0.027887	0.067647	-0.09634	0.002237	0.010847
-0.06275	-0.0853	-0.02852	-0.07077	0.027887	0.067647	0.09634	0.002237	-0.01085
0.106177	-0.03724	0.043101	0.098727	0.02748	-0.04057	-0.053	0.041017	0.113811
-0.05058	-0.04919	-0.04533	-0.05178	-0.10308	-0.02588	0.058217	-0.09001	-0.01729
0.012958	0.080401	0.088851	0.013872	0.04045	-0.09167	-0.04461	0.070762	-0.04706
-0.04489	0.061428	-0.09462	-0.02678	-0.04853	0.092024	-0.02101	-0.07329	-0.05257
-0.00723	-0.01475	0.06777	-0.01933	0.118171	0.017375	0.036702	0.098017	-0.00894
0.064931	-0.05242	-0.08107	0.071413	-0.04605	0.057874	-0.03787	-0.0536	0.110123
-0.03165	-0.08323	0.071513	-0.05314	0.001609	-0.08283	0.089176	0.01231	-0.01114
0.057763	0.07141	-0.01928	0.070219	-0.05914	-0.05128	-0.09672	-0.01728	0.009661
-0.11302	0.033768	0.007945	-0.10948	-0.00322	0.02022	0.062223	-0.027	-0.11661
0.067472	0.072576	0.003036	0.07181	0.078884	0.038853	-0.07541	0.079817	0.025093
-0.05399	-0.09124	-0.0575	-0.04746	-0.02165	0.085562	0.06603	-0.06561	0.041707
0.094722	-0.04301	0.072295	0.065939	0.045094	-0.08627	-0.00285	0.073109	0.058136
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-0.02345	0.068939	-0.0953	0.02075	-0.02501	0.094949	-0.07584	-0.02589	0.010583
-0.02123	-0.04305	0.056001	-0.05205	0.087493	0.035708	0.090236	0.032339	-0.00757
0.082545	-0.04357	-0.05629	0.101385	-0.02233	0.001318	-0.0648	0.011979	0.118457
-0.04782	-0.08039	0.045173	-0.07455	-0.04928	-0.05479	0.08695	-0.06776	-0.03225
0.061364	0.087637	0.011308	0.06699	-0.00533	-0.07465	-0.08352	0.058006	-0.03665
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0.068035	0.053517	0.032387	0.051433	0.113685	0.017147	-0.01237	0.106524	0.008943
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0.079242	-0.05003	0.091624	0.019737	0.038973	-0.10246	0.05744	0.038068	-0.00921
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-0.02827	0.062997	0.087012	-0.07623	0.044564	-0.02204	0.060504	0.003579	-0.11931
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-0.03383	-0.06789	0.034251	-0.06858	0.036641	0.060414	0.095642	-0.0482	0.031998
0.096822	-0.03625	-0.02352	0.108666	0.009468	-0.05835	-0.04377	0.064679	0.068883
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0.061044	0.096965	0.041783	0.041924	0.040381	-0.07865	-0.02897	0.07912	-0.09455
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0.064562	0.029275	0.055153	0.0165	0.119666	0.01419	0.059124	0.060574	-0.00073
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0.060521	-0.05687	0.098602	-0.02786	0.008051	-0.08801	0.090083	-0.03966	-0.04426
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0.019327	0.073062	-0.06067	0.078241	0.068445	0.038589	-0.05678	0.104248	0.027572
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0.107011	-0.03145	0.012804	0.091136	0.033133	-0.10002	0.01178	0.056704	-0.00429
-0.06976	-0.05563	-0.01763	-0.05094	-0.11878	-0.01091	-0.0369	-0.07284	-0.00397
0.056688	0.099215	0.067458	0.001063	0.063937	-0.05371	0.033199	0.034372	-0.11794
-0.10359	0.039533	-0.08554	-0.01229	-0.02719	0.101402	-0.08152	0.024508	0.048988
0.057397	0.001597	0.067981	-0.02211	0.093987	0.029446	0.100316	-0.02334	0.024323
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0.039494	-0.06193	0.092502	-0.0647	-0.03847	-0.05488	0.0728	-0.0991	-0.03684
0.000795	0.062332	-0.04741	0.066952	-0.0125	-0.06403	-0.0732	0.083556	-0.08144
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0.038565	0.067203	-0.03087	0.074592	0.106347	0.013469	0.012447	0.083332	0.009452
-0.05163	-0.10015	-0.02492	-0.0366	-0.05689	0.061915	-0.01237	-0.04865	0.115711
0.112559	-0.02959	0.047769	0.053179	0.035933	-0.1104	0.066994	-0.00926	-0.05279
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0.048412	0.094922	0.084299	-0.04495	0.060282	-0.00358	0.065934	-0.03434	-0.08221
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0.047092	-0.02735	0.069037	-0.05256	0.044719	0.050657	0.089719	-0.0817	0.074428
0.011503	-0.06135	-0.07614	0.104345	-0.00901	-0.07456	-0.03317	0.065824	0.002939
0.017205	-0.06365	0.074457	-0.08178	-0.08441	-0.0217	0.012325	-0.09171	-0.01564
0.014994	0.084614	-0.02227	0.059629	0.038833	-0.06412	-0.01114	0.061584	-0.11248
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0.05512	0.055281	0.001621	0.050239	0.118108	0.007815	0.078334	0.005768	0.019389
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0.113143	-0.03049	0.076616	0.004502	0.013761	-0.08979	0.086409	-0.08156	-0.05462
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0.036562	0.085241	0.089522	-0.08376	0.034957	0.055615	0.050736	-0.06639	-0.00716
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0.034365	-0.0552	0.058272	-0.06539	-0.01208	0.060436	0.035444	-0.07277	0.108293
0.03146	-0.04793	-0.05135	0.104671	0.019853	-0.11116	0.025294	0.019612	-0.05755
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0.027884	0.100718	0.007531	0.031531	0.070398	-0.03649	0.047579	-0.00593	-0.08793
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0.068236	0.037536	0.031981	0.013152	0.098133	0.020527	0.104978	-0.07017	0.060111
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0.108687	-0.03342	0.095452	-0.04248	-0.02705	-0.05142	0.055187	-0.10109	-0.0298
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0.021696	0.071787	0.08201	-0.10465	0.001651	0.102474	-0.00155	-0.03231	0.0585
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0.020066	-0.07965	0.037428	-0.05616	-0.05829	0.045634	-0.02981	-0.00946	0.089576
0.050862	-0.03553	-0.01874	0.080749	0.031372	-0.11501	0.073031	-0.05633	-0.07059
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0.099366	-0.03721	0.101799	-0.07601	-0.07197	-0.0145	-0.01173	-0.04917	-0.01812
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0.004554	0.056414	0.062492	-0.10154	-0.02334	0.120118	-0.05734	0.04178	0.077603
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0.046503	0.110811	0.062621	-0.05421	0.05303	0.07056	0.042158	-0.05223	0.057664
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0.082144	-0.01109	0.069648	-0.05339	-0.00629	0.046176	0.015975	-0.04026	0.090108
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0.085604	-0.04039	0.094948	-0.08812	-0.1037	0.005298	-0.07798	0.036827	-0.03983
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0.083915	-0.01847	0.051775	-0.01176	-0.01539	-0.04442	0.035197	-0.07251	-0.02158
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0.050979	0.104844	0.079223	-0.08843	0.018731	0.11209	-0.0144	0.011103	0.089249
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0.068041	-0.04145	0.076051	-0.07678	-0.10882	0.003406	-0.10683	0.092948	-0.07551

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0.013145	0.036536	0.001685	0.008865	0.057683	0.026273	0.063136	-0.06788	0.086729
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0.095735	-0.01478	0.080029	-0.0571	-0.05792	-0.00423	-0.03469	0.008096	-0.02849
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0.051712	0.092758	0.084413	-0.10303	-0.0123	0.122819	-0.06413	0.078262	0.070387
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0.047474	-0.03889	0.047964	-0.04639	-0.08287	-0.01178	-0.08252	0.079461	-0.08337
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0.035027	0.021687	0.033359	-0.02967	-4.13E-05	0.032675	-0.00539	0.003851	0.037326
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0.046785	0.083726	0.077909	-0.0961	-0.02217	0.107324	-0.07464	0.093969	0.03988
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0.013879	0.030611	-0.04582	-0.02862	-0.02448	-0.06838	0.004967	0.067436	-0.05465
0.029588	-0.01038	-0.03866	0.031218	0.049756	-0.0061	0.068527	-0.04051	-0.05621
0.015746	0.066903	-0.07063	-0.05144	-0.03865	-0.08263	-0.0038	0.07186	-0.03419
0.050419	-0.10847	0.03998	0.103089	0.09092	0.099953	0.042755	-0.11198	0.034498
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0.044564	-0.05987	-0.0083	0.052363	0.045428	0.003088	0.042533	-0.00996	-0.04741
-0.05293	0.082596	-0.0233	-0.06442	-0.04103	-0.04741	-0.00092	0.028094	-0.03158
0.103724	-0.00953	-0.10863	0.028362	0.038566	-0.07466	0.066184	0.034811	-0.0794
-0.02026	-0.03353	0.054473	0.038631	0.039229	0.090141	0.004943	-0.09647	0.060622
-0.02706	0.011671	0.044914	-0.04252	-0.06997	0.002007	-0.09476	0.060119	0.076093
-0.01932	-0.06389	0.058084	0.054694	0.048865	0.064575	0.029068	-0.06215	-0.01128
-0.04353	0.109794	-0.04517	-0.10359	-0.08801	-0.09808	-0.03558	0.096704	-0.03372
0.10994	-0.06052	-0.09214	0.086975	0.102072	-0.02904	0.118539	-0.03158	-0.09899
-0.04644	0.056812	0.022258	-0.04605	-0.03667	0.02746	-0.04319	-0.02754	0.072184
0.051609	-0.08212	0.027466	0.05361	0.019067	0.034007	-0.02717	0.008758	0.044434
-0.10648	0.012079	0.102116	-0.02158	-0.02089	0.073317	-0.03456	-0.05107	0.038982
0.027386	0.035987	-0.06331	-0.04742	-0.05146	-0.10642	-0.0128	0.112296	-0.05848
0.024148	-0.01344	-0.04939	0.053388	0.086861	0.001289	0.11239	-0.06901	-0.08646
0.022575	0.061032	-0.04437	-0.05762	-0.05676	-0.04195	-0.04986	0.041523	0.053104
0.036614	-0.1108	0.049205	0.102636	0.081032	0.090094	0.023019	-0.06858	0.033257
-0.10822	0.062911	0.092516	-0.08723	-0.0954	0.03466	-0.10134	0.009648	0.076858
0.048062	-0.05389	-0.03599	0.039323	0.025919	-0.05643	0.038593	0.062883	-0.08332
-0.05008	0.081366	-0.03071	-0.04202	0.003878	-0.01965	0.054597	-0.04233	-0.05642
0.108809	-0.01472	-0.09401	0.01443	0.002469	-0.06712	0.000979	0.058407	0.00791
-0.03441	-0.03822	0.071266	0.055408	0.061317	0.115954	0.01815	-0.11292	0.050112
-0.02113	0.015474	0.052603	-0.0636	-0.09977	-0.00312	-0.11992	0.066173	0.084265
-0.02573	-0.05821	0.029891	0.059984	0.061722	0.016072	0.064139	-0.01249	-0.08433
-0.02955	0.111501	-0.0522	-0.10022	-0.07015	-0.0769	-0.00577	0.031827	-0.0345
0.106033	-0.06548	-0.09125	0.086306	0.084384	-0.03862	0.074934	0.013454	-0.04073
-0.0495	0.051135	0.049346	-0.03229	-0.01378	0.082047	-0.03005	-0.09074	0.081031
0.048345	-0.08031	0.032912	0.029822	-0.02676	0.005322	-0.07843	0.067887	0.063886
-0.11068	0.017415	0.084434	-0.00695	0.01583	0.056197	0.0313	-0.05506	-0.0533
0.041299	0.040187	-0.07816	-0.06251	-0.06829	-0.11821	-0.01981	0.098129	-0.03901
0.018016	-0.01776	-0.05452	0.073	0.108105	0.003538	0.116373	-0.05274	-0.0678
0.02876	0.055454	-0.01489	-0.06178	-0.06353	0.011474	-0.07095	-0.02077	0.100467
0.022367	-0.1119	0.054069	0.096402	0.055856	0.059525	-0.01456	0.008193	0.03703
-0.1034	0.0682	0.088392	-0.0842	-0.06957	0.040323	-0.0419	-0.0334	-0.00382
0.05074	-0.04856	-0.06207	0.02505	0.000865	-0.10267	0.01918	0.106763	-0.06788
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0.112081	-0.02014	-0.07358	-0.00077	-0.03315	-0.04101	-0.05923	0.041058	0.0895
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0.100337	-0.07104	-0.08405	0.080896	0.051656	-0.03933	0.005449	0.046459	0.049396
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0.044322	-0.07732	0.034049	0.004305	-0.06814	-0.01954	-0.10523	0.08333	0.05216
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0.054542	0.043307	-0.08811	-0.07375	-0.07221	-0.10126	-0.00999	0.032379	-0.01996
0.011543	-0.02299	-0.05448	0.088772	0.109761	0.001112	0.077629	-0.00655	0.000926
0.034432	0.050268	0.015617	-0.06357	-0.05765	0.064611	-0.06262	-0.07971	0.084913
0.007768	-0.11178	0.054097	0.084844	0.019697	0.017459	-0.05578	0.075587	0.037777

-0.09685	0.073985	0.078327	-0.07643	-0.0315	0.035355	0.030901	-0.0501	-0.08809
0.052613	-0.04407	-0.08473	0.010273	-0.02461	-0.12407	-0.00228	0.094725	-0.02635
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0.113469	-0.02556	-0.04887	-0.01663	-0.0617	-0.00127	-0.09286	-0.00988	0.113632
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-0.00821	0.025892	0.05261	-0.09489	-0.10302	0.000934	-0.04585	-0.01768	-0.04315
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0.092946	-0.07699	-0.07138	0.07083	0.01005	-0.02837	-0.0637	0.043473	0.113115
-0.05324	0.042181	0.094233	-0.00291	0.035862	0.123482	0.00963	-0.0677	0.006746
0.039609	-0.07326	0.030771	-0.02141	-0.09747	-0.03494	-0.09408	0.051036	-0.00092
-0.11345	0.028193	0.035472	0.024581	0.071626	-0.02092	0.096059	0.038884	-0.09896
0.066894	0.045258	-0.09212	-0.08073	-0.06211	-0.06069	0.014354	-0.04918	-0.01002
0.004833	-0.02896	-0.0496	0.099682	0.091581	-0.00289	0.00951	0.036947	0.081251
0.039504	0.045688	0.045061	-0.06293	-0.04053	0.103901	-0.03326	-0.09883	0.028267
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0.053644	-0.04056	-0.10227	-0.00435	-0.04532	-0.11526	-0.01323	0.030845	0.008113
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0.112951	-0.03074	-0.0217	-0.03242	-0.07803	0.042816	-0.09012	-0.06391	0.070141
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0.014251	0.109359	-0.0445	-0.05934	0.040508	0.042845	0.084483	-0.08834	0.005054
0.08398	-0.0831	-0.05445	0.056478	-0.03273	-0.00639	-0.10716	0.004867	0.107977
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0.03429	-0.06823	0.023393	-0.0458	-0.10929	-0.03877	-0.04605	-0.00503	-0.0707
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0.078143	0.045998	-0.0896	-0.08327	-0.03959	-0.00735	0.041872	-0.10244	0.002305
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0.043897	0.041904	0.071424	-0.05984	-0.01579	0.118827	0.001201	-0.06304	-0.02622
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0.053807	-0.03815	-0.11334	-0.01821	-0.05699	-0.07847	-0.00822	-0.0512	0.02235
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0.110541	-0.03545	0.005981	-0.04735	-0.07939	0.079938	-0.0561	-0.08572	-0.00547
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0.005443	0.038868	0.034857	-0.10539	-0.03532	0.003765	0.092109	-0.03994	-0.1104
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0.028653	0.106341	-0.03204	-0.03849	0.073773	0.067269	0.064236	-0.03705	0.058498
0.073588	-0.08912	-0.03478	0.038485	-0.06888	0.022212	-0.1103	-0.04441	0.039072
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0.028455	-0.06242	0.012625	-0.06741	-0.1013	-0.03253	0.022715	-0.04881	-0.10968
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0.088099	0.04553	-0.08043	-0.08148	-0.00872	0.045186	0.057335	-0.09994	0.029328
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0.047546	0.039078	0.092913	-0.05431	0.011536	0.104795	0.025059	0.011115	-0.04948
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0.053095	-0.03692	-0.11704	-0.03082	-0.05714	-0.02299	0.008524	-0.1069	0.02719
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0.10628	-0.03949	0.032216	-0.06062	-0.06589	0.099703	-0.00748	-0.0574	-0.06245
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0.061941	-0.09484	-0.01401	0.01775	-0.09191	0.050166	-0.07446	-0.07046	-0.04577
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0.096592	0.043901	-0.06501	-0.07567	0.024735	0.084155	0.049169	-0.04594	0.062651
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0.050397	0.037335	0.108094	-0.04648	0.035983	0.06452	0.029912	0.083788	-0.044
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0.05151	-0.0369	-0.11299	-0.04175	-0.04557	0.0373	0.025469	-0.1062	0.037191
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0.100244	-0.04268	0.055211	-0.07142	-0.04042	0.095599	0.035247	0.009167	-0.07294
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0.049234	-0.10001	0.006183	-0.00462	-0.09782	0.06923	-0.01569	-0.05225	-0.09287
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0.103478	0.041204	-0.04422	-0.06637	0.054373	0.100825	0.015796	0.02702	0.073709
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0.052411	0.036758	0.115989	-0.03652	0.052736	0.007508	0.01782	0.114339	-0.03119
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0.049074	-0.03807	-0.10137	-0.05067	-0.02445	0.087484	0.029979	-0.05047	0.049123
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0.025375	0.059284	-0.00628	-0.07677	0.09016	-0.0269	0.057034	0.057158	0.105379
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0.035679	-0.10445	0.024236	-0.02738	-0.08582	0.072617	0.042428	0.003947	-0.08106
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0.108637	0.03757	-0.0194	-0.05424	0.074373	0.092518	-0.03232	0.077812	0.038908
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0.05356	0.037385	0.11615	-0.0247	0.058576	-0.05227	-0.0007	0.084837	-0.0248
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0.111981	0.033167	0.007798	-0.04004	0.080641	0.062956	-0.07618	0.080594	-0.03304
-0.03429	-0.06823	0.023393	0.045802	-0.10929	0.038765	0.046048	-0.00503	-0.0707
0.053835	0.03921	0.108682	-0.01141	0.052492	-0.09993	-0.01267	0.010736	-0.01748
-0.08398	-0.0831	-0.05445	-0.05648	-0.03273	0.006391	0.107161	0.004867	0.107977
-0.01425	0.109359	-0.0445	0.059341	0.040508	-0.04284	-0.08448	-0.08834	0.005054
0.041789	-0.04369	-0.05875	-0.06169	0.028824	0.114861	-0.01558	0.087499	0.001751
0.001422	0.032163	0.045548	0.103069	-0.07597	-0.00429	-0.02794	-0.04796	-0.10822
0.072668	-0.04578	0.091699	-0.08255	0.052199	-0.03479	0.028662	0.081715	0.005223

-0.11295	-0.03074	-0.0217	0.032419	-0.07803	-0.04282	0.090124	-0.06391	0.070141
0.03702	0.070854	-0.02756	-0.03387	0.10579	-0.03828	-0.07398	-0.02374	0.036522
-0.05364	-0.04056	-0.10227	0.004346	-0.04532	0.115258	0.013228	0.030845	0.008113
0.088651	0.080042	0.063358	0.064156	0.011697	-0.01857	-0.0899	-0.02752	-0.1201
0.006937	-0.11046	0.048973	-0.06876	-0.02089	0.024899	0.081958	0.097993	0.016434
-0.0395	0.045688	0.045061	0.062935	-0.04053	-0.1039	0.033261	-0.09883	0.028267
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-0.06689	0.045258	-0.09212	0.080726	-0.06211	0.060694	-0.01435	-0.04918	-0.01002
0.113448	0.028193	0.035472	-0.02458	0.071626	0.020919	-0.09606	0.038884	-0.09896
-0.03961	-0.07326	0.030771	0.021414	-0.09747	0.034941	0.094076	0.051036	-0.00092
0.053236	0.042181	0.094233	0.002905	0.035862	-0.12348	-0.00963	-0.0677	0.006746
-0.09295	-0.07699	-0.07138	-0.07083	0.01005	0.028369	0.0637	0.043473	0.113115
0.000413	0.111271	-0.05218	0.077307	0.000507	-0.00438	-0.07185	-0.09372	-0.03078
0.037048	-0.04789	-0.0306	-0.06356	0.050314	0.086755	-0.04967	0.095898	-0.05909
0.008211	0.025892	0.05261	0.094889	-0.10302	-0.00093	0.045851	-0.01768	-0.04315
0.060843	-0.04443	0.090906	-0.07779	0.068871	-0.08336	0.000904	0.009295	0.014243
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0.042047	0.075417	-0.03295	-0.00863	0.084714	-0.02864	-0.10471	-0.07219	-0.03009
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0.096846	0.073985	0.078327	0.076429	-0.0315	-0.03536	-0.0309	-0.0501	-0.08809
-0.00777	-0.11178	0.054097	-0.08484	0.019697	-0.01746	0.055782	0.075587	0.037777
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-0.01154	-0.02299	-0.05448	-0.08877	0.109761	-0.00111	-0.07763	-0.00655	0.000926
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0.113013	0.022865	0.061654	-0.00866	0.048675	-0.02234	-0.08033	-0.01826	-0.11061
-0.04432	-0.07732	0.034049	-0.00431	-0.06814	0.019536	0.105227	0.08333	0.05216
0.05178	0.046201	0.073943	0.017682	0.012155	-0.11698	0.007815	-0.10829	0.048089
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0.015096	0.111996	-0.05472	0.091245	-0.03878	0.039244	-0.03588	-0.04575	-0.039
0.031666	-0.0528	-0.00036	-0.06298	0.062142	0.038957	-0.0702	0.053205	-0.1001
0.014816	0.020267	0.055137	0.081436	-0.11148	0.002751	0.101871	0.031527	0.038104
0.048018	-0.04189	0.08382	-0.06865	0.071993	-0.11317	-0.01711	-0.06996	0.028322
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0.046424	0.078957	-0.03404	0.017186	0.048513	-0.00801	-0.09602	-0.08206	-0.06328
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0.103403	0.0682	0.088392	0.084195	-0.06957	-0.04032	0.041898	-0.0334	-0.00382
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0.110678	0.017415	0.084434	0.006953	0.01583	-0.0562	-0.0313	-0.05506	-0.0533
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0.049499	0.051135	0.049346	0.032292	-0.01378	-0.08205	0.030046	-0.09074	0.081031
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0.02955	0.111501	-0.0522	0.100223	-0.07015	0.076897	0.005773	0.031827	-0.0345
0.025726	-0.05821	0.029891	-0.05998	0.061722	-0.01607	-0.06414	-0.01249	-0.08433
0.021131	0.015474	0.052603	0.063601	-0.09977	0.003122	0.11992	0.066173	0.084265
0.034412	-0.03822	0.071266	-0.05541	0.061317	-0.11595	-0.01815	-0.11292	0.050112
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0.050076	0.081366	-0.03071	0.042024	0.003878	0.019646	-0.0546	-0.04233	-0.05642
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0.108215	0.062911	0.092516	0.087228	-0.0954	-0.03466	0.101343	0.009648	0.076858
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0.10648	0.012079	0.102116	0.021585	-0.02089	-0.07332	0.034558	-0.05107	0.038982
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0.04353	0.109794	-0.04517	0.103588	-0.08801	0.098083	0.035576	0.096704	-0.03372
0.019317	-0.06389	0.058084	-0.05469	0.048865	-0.06458	-0.02907	-0.06215	-0.01128
0.027062	0.011671	0.044914	0.042524	-0.06997	-0.00201	0.094762	0.060119	0.076093
0.020258	-0.03353	0.054473	-0.03863	0.039229	-0.09014	-0.00494	-0.09647	0.060622
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0.052934	0.082596	-0.0233	0.06442	-0.04103	0.047409	0.000923	0.028094	-0.03158
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0.111162	0.058265	0.090092	0.085517	-0.104	-0.02248	0.12479	0.048091	0.104462
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0.100382	0.007831	0.112433	0.035201	-0.05491	-0.07013	0.092246	-0.01198	0.105325
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0.065508	0.112073	-0.02842	0.108456	-0.09836	0.096317	0.053669	0.118789	-0.02777
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0.050703	0.036002	-0.04468	0.011411	-0.04171	0.020895	0.027676	-0.01312	-0.03444
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0.055846	0.051277	0.012293	0.053706	0.006238	-0.06776	-0.00622	0.008054	0.08667
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0.053952	0.07047	0.034791	0.087802	0.031812	-0.10949	-0.03762	0.045869	0.108207
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0.003289	-0.05994	0.021081	-0.09231	0.089788	0.049468	-0.09218	0.050201	0.00463
0.002262	0.046753	-0.00105	0.088828	-0.01312	-0.11748	0.01175	0.004977	0.116784
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0.040887	0.053454	-0.0907	0.026944	-0.01432	-0.02115	-0.06249	0.098984	0.065408
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0.062689	0.078825	0.079773	0.073792	0.073972	-0.04969	-0.06712	0.039817	-0.02247
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0.090911	0.02354	-0.00682	-0.06967	0.034487	0.118566	-0.04944	0.017153	-0.08928
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-0.02034	-0.088	0.06326	-0.07668	0.075363	-0.01662	0.004713	-0.08493	0.051361
0.016859	0.082138	0.039918	0.111083	0.029227	-0.08331	-0.04666	0.054935	0.0003
-0.06535	-0.05409	0.036014	-0.01043	-0.06408	0.021715	0.11057	-0.07807	-0.05102
0.107956	0.083364	-0.0305	-0.01435	0.022929	0.096861	-0.07535	0.061853	-0.08321
-0.06795	-0.05267	-0.10307	-0.02233	-0.07869	-0.01759	0.033093	0.026452	0.088688
0.048066	-0.03026	0.059539	-0.06259	0.110311	-0.00646	-0.04668	-0.05436	0.034693
-0.0556	0.037263	0.015641	0.114802	-0.01714	-0.10714	-0.00378	0.045244	0.023084
-0.00776	-0.04197	0.079279	-0.03628	-0.01046	0.048013	0.084165	-0.09181	-0.07399
0.065993	0.103114	-0.06412	0.036405	-0.01796	0.065415	-0.07159	0.09523	-0.06612
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0.072978	0.029249	0.02647	-0.02081	0.11354	-0.01602	-0.0889	-0.01053	0.029201
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0.054284	0.01076	0.098637	-0.02632	0.037996	0.062316	0.037756	-0.08069	-0.09663
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0.009514	-0.08402	-0.03412	-0.11461	-0.02023	0.04613	0.0484	-0.05022	0.064561
0.039542	0.054399	-0.02222	0.025291	0.082927	-0.04053	-0.10666	0.033588	0.036482
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0.074618	0.071355	0.087126	0.016027	0.060746	0.05746	-0.01146	-0.04805	-0.11235
-0.06074	0.012202	-0.07767	0.045206	-0.10992	0.021539	0.010574	0.094645	-0.02052
0.079442	-0.03083	-0.01639	-0.12018	0.026752	0.075841	0.013589	-0.06086	0.041338
-0.02618	0.029999	-0.06402	0.050224	0.031566	-0.06925	-0.09371	0.064911	0.054413
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0.036259	0.102069	0.054743	0.070875	0.048961	0.033831	-0.04527	-0.0036	-0.11657
-0.06042	-0.04101	-0.04161	0.003524	-0.11969	0.026024	0.059523	0.060829	-0.00528
0.108945	0.037819	-0.02759	-0.08919	0.055838	0.089582	-0.0354	-0.04667	0.019149
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0.030799	-0.05442	0.103238	-0.04387	0.056942	-0.04152	0.071848	-0.10428	0.017726
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0.078528	0.083171	-0.06144	-0.03675	0.052335	0.083261	-0.08018	-0.01183	0.004463
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0.064121	0.007115	0.092749	-0.0291	0.101351	-0.02249	0.02796	-0.11195	-0.00577
-0.09558	0.0232	0.011723	0.119332	-0.03818	-0.03426	-0.02699	0.068318	-0.08931
0.057145	-0.01801	0.046519	-0.06698	-0.04663	0.078161	0.091452	-0.02671	-0.01079
0.009962	0.080446	-0.09828	0.011519	0.016363	0.060659	-0.10391	0.033318	0.001568
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0.087147	0.045546	0.058652	-0.0555	0.003517	0.104322	0.063505	-0.05448	-0.02991
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0.060906	-0.07832	-0.0065	-0.10317	-0.0001	-0.04422	0.055639	-0.02229	0.11619
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0.058056	0.098735	0.041828	-0.01125	0.033214	0.115496	0.017014	-0.05914	-0.05349
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0.101807	-0.01439	-0.00202	-0.11237	0.048379	-0.00935	0.043947	-0.06362	0.105871
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0.018144	-0.06443	0.106468	-0.00695	-0.03993	-0.0391	0.103411	0.018178	-0.0312
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0.083444	0.047287	-0.02664	-0.08505	0.084976	0.016524	0.00584	-0.08876	0.085972
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0.058602	-0.01138	0.122922	-0.02614	0.012927	-0.01191	0.111622	-0.02747	-0.03023
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0.057086	-0.05041	-0.01859	-0.07432	-0.09511	0.017456	0.034772	0.083861	0.075451
0.020532	0.071678	-0.06924	-0.03619	0.091685	0.024593	-0.04478	-0.09023	0.062285
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0.041588	0.046296	0.108073	-0.00864	0.063993	0.013114	0.089384	-0.06756	-0.04171
-0.09707	0.004461	-0.01183	0.1002	-0.05449	0.046584	-0.06266	0.044652	-0.08751
0.097074	0.004461	0.011826	-0.1002	-0.05449	0.046584	0.062663	0.044652	0.087507
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0.037664	-0.10631	0.015694	-0.02876	-0.02797	-0.12069	0.024609	0.051914	0.011827
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0.07896	0.070512	0.013522	-0.08967	-0.0052	0.080476	0.060863	-0.00092	0.087207
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0.088216	-0.05949	0.035821	-0.07307	0.00438	-0.10154	0.064498	0.027997	0.032031
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0.010869	-0.06274	0.064423	0.026959	-0.10767	0.003655	0.012879	0.105054	-0.05454
0.012806	0.109392	-0.01031	-0.04593	0.029535	0.106622	0.030421	-0.03932	0.074647
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0.081665	0.006419	0.028538	-0.08439	0.054298	-0.07071	0.079847	-0.01274	0.04289
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0.057529	-0.0269	0.103267	-0.01636	-0.08539	0.009624	0.063039	0.101927	-0.03087
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0.05157	-0.07865	-0.06837	-0.03961	-0.07221	-0.05621	-0.0679	0.055849	0.044323
0.025348	0.052593	-0.00677	-0.05945	0.098896	-0.04021	0.064516	-0.0582	0.041232
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0.048911	0.033643	0.116182	-0.03231	-0.03719	0.031939	0.09752	0.075395	-0.01131
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0.101406	-0.04312	-0.02985	-0.09023	-0.07089	-0.05495	-0.01829	0.074389	0.065777
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0.013032	-0.10792	0.034341	0.060597	-0.03716	-0.07569	-0.0368	0.022948	-0.11393
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0.008133	-0.05391	-0.00738	0.04237	-0.0949	0.047917	-0.0901	0.015941	0.001689
0.036648	0.082806	-0.02276	-0.11186	0.009507	-0.00078	0.051168	0.03946	0.108063
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0.039242	-0.09356	-0.08387	0.021773	0.003713	-0.07089	-0.09219	-0.07417	-0.03612
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0.067951	-0.05267	0.103074	0.022331	-0.07869	-0.01759	-0.03309	0.026452	-0.08869
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0.069465	-0.06394	-0.09698	0.023429	0.039737	-0.0036	-0.03077	-0.08248	0.035304
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0.059823	-0.06156	0.025121	0.071065	-0.02251	0.095445	-0.0254	-0.03067	0.115937
-0.08302	0.109124	-0.00716	-0.1183	-0.05306	-0.08572	-0.06351	-0.04826	-0.04201
0.069744	-0.0662	-0.11658	0.031091	0.113763	-0.0299	0.083717	0.047042	-0.04445
0.006564	0.006734	0.05175	-0.01918	-0.0477	-0.03302	-0.05277	-0.05781	-0.05303
-0.02861	-0.0142	0.020237	0.05604	0.037522	0.063352	0.080714	0.105836	0.03159
0.032291	-0.02513	0.0722	0.037305	-0.07478	0.077416	-0.07311	-0.06931	0.105552
-0.09087	0.098031	-0.03781	-0.09816	-0.00933	-0.07535	-0.015	-0.00266	-0.0436
0.101254	-0.07981	-0.09101	0.034881	0.080232	-0.02166	0.044488	0.006468	-0.03138
-0.04974	0.052292	0.031493	-0.05432	-0.03562	-0.05932	-0.03539	-0.03308	-0.07415
0.045896	-0.07804	0.008966	0.103332	0.056261	0.091921	0.089782	0.103311	0.055266

-0.03425	0.035571	0.103438	-0.01033	-0.11235	0.049096	-0.10341	-0.08956	0.085609
-0.04332	0.044673	-0.06642	-0.04931	0.036594	-0.04774	0.030586	0.035233	-0.03266
0.073237	-0.0437	-0.05183	0.002802	0.028206	-0.03314	-0.00695	-0.03912	-0.03049
-0.05585	0.051277	-0.01229	-0.05371	0.006238	-0.06776	0.006221	0.008054	-0.08667
0.088001	-0.10723	0.026347	0.122728	0.040494	0.108949	0.068518	0.077313	0.07615
-0.09273	0.082043	0.104807	-0.04554	-0.11852	0.022764	-0.10487	-0.08539	0.061969
0.023988	-0.01854	-0.07257	0.005025	0.062297	-0.01247	0.056068	0.054118	-0.01249
0.002877	0.022818	-0.02172	-0.05052	-0.01941	-0.06001	-0.05196	-0.07615	-0.0421
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0.07118	-0.0857	0.060099	0.104304	-0.00133	0.106836	0.025033	0.035337	0.088185
-0.10124	0.08433	0.078213	-0.04867	-0.09048	0.009276	-0.07665	-0.05812	0.040883
0.062352	-0.05414	-0.04811	0.039736	0.054827	0.018557	0.052232	0.049049	0.011445
-0.06358	0.082114	-0.01671	-0.09917	-0.04253	-0.09075	-0.07474	-0.09383	-0.06156
0.063108	-0.05509	-0.08936	0.026108	0.102098	-0.03301	0.096597	0.088176	-0.07606
0.011016	-0.02838	0.086468	0.057151	-0.04694	0.084543	-0.02251	-0.00866	0.085995
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0.039588	-0.03714	-0.0001	0.035538	0.011953	0.032826	0.015205	0.01596	0.032634
-0.08398	0.105082	-0.04953	-0.12889	-0.02682	-0.12721	-0.0669	-0.08976	-0.09824
0.115345	-0.10563	-0.08658	0.074426	0.121422	0.005618	0.12334	0.117626	-0.04857
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-0.02172	-0.1072	0.015781	0.093579	-0.05832	-0.07392	-0.08248	-0.05724	0.04136
0.104907	0.093207	0.07413	-0.12143	-0.02233	0.126939	0.02178	0.124007	-0.11718
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0.018794	-0.0324	0.027813	0.027379	-0.04182	-0.02259	-0.05406	-0.01938	0.015362
0.003412	-0.03197	0.023531	0.015145	-0.03947	0.003866	-0.04288	0.020524	-0.03621
0.005337	-0.0766	0.025763	0.059043	-0.04486	-0.04462	-0.05027	-0.03583	0.02971
0.07243	0.107842	0.037513	-0.12053	0.014812	0.115185	0.054393	0.104762	-0.09115
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0.047853	-0.00736	0.05073	-0.00025	-0.05735	0.004698	-0.06601	0.006784	-0.01003
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0.043162	-0.06352	0.053027	0.037819	-0.05648	-0.02458	-0.04854	-0.02097	0.021857
0.042428	0.110507	0.011348	-0.11686	0.036649	0.109183	0.071567	0.098046	-0.08363
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0.054441	0.01205	0.05751	-0.01808	-0.0639	0.022138	-0.07385	0.024124	-0.02737
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0.080031	-0.03916	0.078328	0.00766	-0.06409	0.002154	-0.04203	-0.00161	0.011721
0.002583	0.102605	-0.02202	-0.10272	0.06179	0.093994	0.089007	0.083863	-0.07049
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0.043127	0.024237	0.053135	-0.02888	-0.06521	0.035451	-0.07872	0.040316	-0.04561
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0.106239	-0.01044	0.096575	-0.02482	-0.067	0.030319	-0.03293	0.018179	0.002445
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0.015889	0.026051	0.038004	-0.03026	-0.06094	0.042484	-0.07975	0.053304	-0.06251
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0.115959	0.017584	0.104459	-0.0559	-0.06426	0.057846	-0.02148	0.03769	-0.00634
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0.006495	0.017566	-0.02822	0.033637	0.03144	-0.07717	0.003937	-0.10367	0.112241
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-0.02607	-0.12268	-0.00162	0.10581	-0.02583	-0.07603	-0.02121	-0.04354	0.011691
0.10686	0.039877	0.100087	-0.08172	-0.05526	0.082239	-0.00795	0.055664	-0.01438
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0.034899	0.03895	-0.00113	0.013481	0.007513	-0.06203	-0.02045	-0.09379	0.104582
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0.012067	-0.11738	0.024423	0.100325	-0.03705	-0.076	-0.01902	-0.04962	0.022621
0.080986	0.052577	0.083661	-0.0992	-0.04015	0.101299	0.007161	0.070976	-0.02159
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0.047773	0.061277	0.018211	-0.00895	-0.01357	-0.04262	-0.04339	-0.07897	0.09281
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0.051746	-0.10125	0.054524	0.084369	-0.05018	-0.06831	-0.01688	-0.05211	0.033609
0.044237	0.053815	0.057391	-0.10637	-0.01975	0.113282	0.023226	0.082628	-0.02791
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0.042034	0.079343	0.026795	-0.02974	-0.03019	-0.02113	-0.06384	-0.06015	0.077434
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0.084059	-0.0774	0.083713	0.059664	-0.06335	-0.05329	-0.01456	-0.05078	0.044265
0.005016	0.04409	0.025127	-0.10275	0.004496	0.117069	0.039508	0.08982	-0.03332
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0.054424	0.04556	-0.03087	0.021061	0.080697	-0.08495	0.059733	-0.09671	0.054881
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0.090222	0.018236	0.06971	0.002294	0.101794	-0.04708	0.061815	0.022452	-0.05069
-0.0576	0.040104	-0.06106	-0.09979	-0.01102	-0.00739	-0.07355	-0.09849	-0.00306
0.057602	0.040104	-0.06106	0.099794	0.011022	-0.00739	-0.07355	0.098495	-0.00306
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0.020196	-0.12271	-0.01856	0.011221	0.013798	0.116257	0.031215	0.006937	0.115023
0.056951	0.034794	0.081015	-0.0227	0.088837	-0.06576	0.054317	0.003817	-0.06673
-0.03969	0.01985	-0.08972	-0.08307	-0.01077	0.012213	-0.09149	-0.08499	0.006577
0.057439	0.063262	-0.02883	0.106125	0.006078	-0.02851	-0.05265	0.106493	-0.01195
-0.11033	-0.0066	0.049381	-0.02072	-0.1095	-0.02286	0.066137	-0.03901	-0.03329
0.056079	-0.11123	-0.00697	0.031708	0.040278	0.107766	0.031427	0.020318	0.110447
0.018288	0.040377	0.080715	-0.05088	0.072333	-0.07748	0.043721	-0.0158	-0.08069
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0.038991	0.084076	0.001927	0.101687	-0.00417	-0.04882	-0.02985	0.108614	-0.01995
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0.079474	-0.09062	0.014203	0.04661	0.063529	0.091546	0.031759	0.032248	0.10149
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0.02967	0.004932	-0.11976	-0.02699	0.001728	0.038805	-0.11493	-0.04453	0.027123
0.006281	0.097749	0.026473	0.0876	-0.01916	-0.06604	-0.00629	0.104816	-0.02695
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0.085284	-0.06504	0.041237	0.053113	0.08178	0.069047	0.032035	0.041869	0.088533
-0.04002	0.019301	0.044862	-0.10113	0.036714	-0.07791	0.014489	-0.05329	-0.09988
0.064576	0.014108	-0.11666	0.005556	0.010939	0.042933	-0.11914	-0.01974	0.037425
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0.072472	-0.03966	0.069379	0.04963	0.093783	0.042272	0.032016	0.048474	0.072129
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0.088314	0.033073	-0.10181	0.035827	0.019656	0.040118	-0.11788	0.006352	0.047264
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0.044299	-0.01956	0.093628	0.036031	0.098943	0.013584	0.031415	0.051556	0.052971
-0.03349	-0.02282	-0.01981	-0.12079	0.010227	-0.05139	-0.02166	-0.08081	-0.10437
0.095129	0.058194	-0.07792	0.060145	0.026023	0.030645	-0.11117	0.032294	0.056238
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0.012043	-0.09376	-0.03326	0.020355	-0.04933	0.103883	0.048312	-0.06589	0.049168
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0.040355	-0.08216	-0.02153	0.043477	-0.02276	0.114657	0.039985	-0.05866	0.06049
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0.032528	-0.04726	-0.07653	-0.09805	0.002411	-0.01092	-0.05828	-0.09118	-0.09253
0.054911	0.106847	-0.02051	0.080943	0.025818	-0.00371	-0.08273	0.078084	0.069955
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0.07074	-0.04382	-0.09115	-0.07331	0.005832	0.00898	-0.07447	-0.08867	-0.08074
0.016591	0.120704	0.003187	0.0758	0.017592	-0.02494	-0.06231	0.095383	0.073924
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0.046208	-0.03983	0.029617	0.077035	0.030185	0.110906	0.02273	-0.03468	0.074866
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0.10071	-0.02913	-0.09357	-0.04357	0.01302	0.025699	-0.08801	-0.08094	-0.0655
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0.022757	-0.01893	0.061101	0.081383	0.052325	0.096762	0.014666	-0.01966	0.077697
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0.115507	-0.00546	-0.08403	-0.01268	0.022477	0.037411	-0.09811	-0.06833	-0.04738
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0.038739	-0.10635	-0.03267	-0.1151	0.013857	-0.05359	-0.01952	-0.03217	-0.09675
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0.073974	-0.10031	-0.05005	-0.09951	0.011408	-0.03486	-0.03122	-0.04566	-0.10355
0.016364	0.087062	0.009187	0.052499	0.046469	0.018834	-0.09377	0.015078	0.038618
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0.027718	0.026169	-0.00829	0.089327	-0.03069	0.112273	0.055192	-0.092	-0.03782
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0.100959	-0.05836	-0.04956	-0.04864	0.020662	0.005813	-0.05408	-0.06431	-0.10465
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0.089857	0.053853	-0.09404	0.066397	0.089535	0.080065	0.080135	-0.0875	-0.07069
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0.03194	-0.10104	-0.06129	-0.06968	0.070088	-0.0253	0.052603	-0.01574	-0.017
0.086275	0.087099	-0.07957	0.089861	0.063214	0.081158	0.048117	-0.05725	-0.03977
-0.00958	0.013461	0.052761	0.02304	-0.09358	0.01191	-0.11792	0.011053	0.120779
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-0.09765	0.024616	0.068048	0.029689	-0.03335	0.042508	-0.00032	-0.06451	-0.02766
0.056446	-0.09125	-0.08029	-0.05488	0.076242	-0.00776	0.042237	-0.02878	0.007757
0.077256	0.099786	-0.06315	0.093981	0.042061	0.069002	0.028825	-0.02688	-0.02721
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0.078275	-0.07942	-0.0938	-0.0417	0.074541	0.002776	0.02422	-0.02921	0.036517
0.06373	0.1089	-0.04187	0.092633	0.018693	0.050108	0.012072	0.007701	-0.02159
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-0.03584	-0.03516	0.011572	-0.08545	0.036126	-0.10093	0.075679	0.077274	-0.0842
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0.096317	-0.06646	-0.10097	-0.03171	0.06536	0.004849	0.000983	-0.01766	0.064756
0.046271	0.11401	-0.01724	0.086271	-0.00413	0.027091	0.001007	0.040797	-0.02481
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0.109664	-0.0533	-0.10149	-0.02609	0.050009	-0.00174	-0.02418	0.002855	0.087963
0.025689	0.114945	0.008932	0.075891	-0.02372	0.003174	-0.00217	0.066983	-0.03676
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0.117653	-0.0408	-0.09563	-0.02555	0.030563	-0.01589	-0.04765	0.027569	0.102572
0.002993	0.111802	0.034698	0.062925	-0.0378	-0.01829	0.003429	0.082158	-0.05535
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0.119906	-0.02971	-0.08421	-0.03018	0.009609	-0.03542	-0.06609	0.050864	0.106685

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0.006578	0.022248	-0.01885	0.101538	-0.00538	0.121368	-0.02407	-0.06679	0.008463
0.116349	-0.0206	-0.06851	-0.03949	-0.01008	-0.0573	-0.07699	0.067361	0.100459
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0.093019	-0.00949	-0.03105	-0.06765	-0.03569	-0.09486	-0.07241	0.065675	0.067187
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0.054135	0.023158	-0.00036	0.09664	-0.06908	0.068979	-0.06264	0.024343	-0.01738
0.074553	-0.00746	-0.01301	-0.08333	-0.0381	-0.10473	-0.05868	0.045936	0.048317
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0.007952	0.055318	-0.09681	0.032076	0.102683	-0.00786	0.027532	0.055763	0.063993
0.06321	0.019274	0.015184	0.084601	-0.08994	0.046234	-0.06088	0.039957	-0.04148
0.052814	-0.00737	0.002189	-0.09771	-0.03268	-0.10621	-0.04058	0.016606	0.033736
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0.017698	0.072254	-0.09397	0.041446	0.083432	-0.02409	0.006627	0.081838	0.06949
0.068156	0.012636	0.033209	0.068659	-0.10628	0.026267	-0.05029	0.042969	-0.06811
0.028962	-0.00867	0.013087	-0.10913	-0.01993	-0.09895	-0.02154	-0.01761	0.026653
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0.004662	-0.10784	-0.05496	-0.0227	0.017485	0.089869	-0.05854	-0.08351	0.055448
0.025776	0.087689	-0.08456	0.045553	0.061368	-0.04539	-0.00814	0.101264	0.065323
0.068907	0.003188	0.051925	0.050289	-0.11613	0.012003	-0.03209	0.033655	-0.0927
0.004253	-0.01067	0.01865	-0.11623	-0.0013	-0.08388	-0.00515	-0.05106	0.028522
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0.065648	-0.00888	0.069448	0.031221	-0.11835	0.005519	-0.00872	0.014697	-0.11091
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0.042218	-0.08504	-0.08931	-0.00458	-0.00496	0.07517	-0.09799	-0.02511	0.042036
0.034392	0.110528	-0.04848	0.038323	0.019714	-0.09067	-0.01256	0.105189	0.038994
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0.05978	-0.07049	-0.09762	-0.0018	-0.02401	0.057501	-0.1109	-0.00153	0.021135
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0.048987	-0.03891	0.093913	-0.00196	-0.10004	0.018293	0.039936	-0.03291	-0.11747
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0.036997	-0.0554	0.0981	-0.01305	-0.08193	0.03558	0.058286	-0.05052	-0.10522
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0.116609	-0.01662	0.068896	0.042802	-0.05543	-0.04313	0.114178	-0.01744	0.042977
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0.100526	-0.05437	0.100442	0.017734	0.001637	0.017913	0.102837	0.004567	0.110313

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0.013318	-0.02085	-0.08373	0.000655	-0.12387	-0.00123	0.075086	0.005647	-0.02435
0.051866	0.110259	0.045189	-0.06765	0.023652	-0.02745	-0.01639	-0.10873	-0.01038
0.065936	-0.08258	0.091594	0.025746	0.035483	0.042392	0.060587	0.053941	0.11109
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0.023125	-0.00516	-0.06961	-0.01869	-0.12319	0.007073	0.094666	-0.0081	0.00479
0.057796	0.100737	0.066127	-0.07128	0.046267	-0.0038	-0.02557	-0.08492	-0.00582
0.044058	-0.09494	0.077567	0.036123	0.043897	0.042691	0.037274	0.073964	0.096932
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0.03128	0.008457	-0.05238	-0.03817	-0.11481	0.02259	0.107407	-0.00991	0.034563
0.059795	0.08781	0.082093	-0.06969	0.069107	0.01677	-0.04182	-0.05414	-0.0101
0.020667	-0.10494	0.058148	0.049073	0.044758	0.034305	0.017224	0.084324	0.076904
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0.013481	-0.0199	-0.01357	0.093005	-0.00765	-0.12495	-0.00543	-0.09471	-0.00011
0.03708	0.019472	-0.03381	-0.056	-0.09976	0.042926	0.111541	0.000702	0.060376
0.057964	0.072204	0.092041	-0.06266	0.089428	0.031382	-0.06247	-0.02184	-0.02347
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0.033954	-0.0178	-0.00289	0.0809	-0.01349	-0.11976	0.010353	-0.11289	0.01273
0.039974	0.027586	-0.0158	-0.07058	-0.07994	0.064967	0.106697	0.021714	0.078419
0.05264	0.0548	0.09545	-0.05061	0.104795	0.038061	-0.08414	0.006315	-0.0441
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0.053702	-0.01668	0.012178	0.066773	-0.01151	-0.10656	0.020173	-0.11835	0.025785
0.039607	0.032749	-0.00016	-0.08065	-0.05781	0.085345	0.093956	0.049036	0.086441
0.04437	0.036574	0.092372	-0.03449	0.11339	0.035998	-0.10321	0.025507	-0.06852
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0.071587	-0.01718	0.030204	0.05238	-0.00206	-0.08731	0.021934	-0.11049	0.034696
0.035843	0.035164	0.011572	-0.08545	-0.03613	0.100935	0.075679	0.077274	0.084204
0.033869	0.018518	0.08342	-0.01569	0.114235	0.025681	-0.11649	0.032719	-0.09228
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0.086545	-0.01974	0.049454	0.03949	0.013584	-0.06485	0.014869	-0.09121	0.035955
0.028778	0.035253	0.018217	-0.08479	-0.01758	0.109316	0.055112	0.100777	0.073515
0.021973	0.001569	0.06971	0.004084	0.107316	0.00882	-0.12172	0.027294	-0.11089
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0.097646	-0.02462	0.068048	0.029689	0.033354	-0.04251	-0.00032	-0.06451	0.027659
0.018741	0.033622	0.019098	-0.07908	-0.00448	0.109132	0.035858	0.114721	0.057826
0.009583	-0.01346	0.052761	0.02304	0.093585	-0.01191	-0.11792	0.011053	-0.12078
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0.104149	-0.0318	0.084133	0.0242	0.054679	-0.02357	-0.0216	-0.03576	0.009922
0.006273	0.030999	0.014089	-0.06928	0.001552	0.100283	0.021281	0.116036	0.041506
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0.105543	-0.04106	0.096034	0.023756	0.074771	-0.01083	-0.04589	-0.01063	-0.0151
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0.101674	-0.05188	0.102523	0.028434	0.091101	-0.00604	-0.06971	0.006171	-0.04375
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0.045055	0.110952	0.013944	-0.10634	-0.01456	0.09222	0.032913	0.07094	0.03924
0.092039	-0.06406	0.102196	0.038499	0.101068	-0.01088	-0.08926	0.010148	-0.07137
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0.065396	0.1061	0.036494	-0.11008	0.00665	0.106936	0.017245	0.09638	0.031927
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0.10124	0.105948	0.074045	-0.12206	0.041677	0.133164	-0.01135	0.136205	0.011605
0.055029	-0.10563	0.083244	0.086858	0.105279	-0.06077	-0.11785	-0.0336	-0.12257
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0.048066	0.036491	-0.02678	0.027701	0.007782	-0.01502	-0.0093	-0.00017	0.02526
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0.067982	0.103261	-0.01938	0.060675	-0.04442	0.043482	-0.05987	0.107004	0.016341
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-0.0149	-0.01923	-0.01469	-0.11068	0.038424	0.089601	0.022156	-0.02198	0.019012
-0.01465	0.007168	-0.08675	0.062301	0.094215	-0.05407	0.005452	0.010655	0.087378
0.074168	-0.07892	0.00746	-0.01304	-0.08697	-0.06285	-0.07904	-0.07138	-0.01174
0.042377	0.109795	0.012967	0.029641	-0.0484	0.083808	-0.02654	0.107766	-0.02416
-0.11563	-0.01026	0.090075	0.021875	0.031103	-0.03509	0.117716	-0.01288	-0.07614
0.006221	-0.05114	-0.04421	-0.11345	0.03942	0.049461	-0.01222	-0.06908	0.052699
0.023319	0.024869	-0.09473	0.080214	0.053465	-0.04296	-0.04693	0.044748	0.092105
0.055926	-0.05818	0.053063	0.008273	-0.10603	-0.06288	-0.03879	-0.04429	-0.07368
0.01291	0.103317	0.029561	-0.01035	-0.02898	0.11176	0.010512	0.080712	-0.03708
-0.12233	-0.0191	0.047063	0.020893	0.081953	-0.04053	0.11146	-0.01361	-0.00732
0.036193	-0.07392	-0.06199	-0.09981	0.015616	0.005046	-0.05371	-0.09462	0.059205
0.04988	0.049789	-0.07997	0.090867	0.005734	-0.01599	-0.07284	0.080515	0.058501
0.022655	-0.03977	0.093637	0.018216	-0.09542	-0.05293	0.022381	-0.0211	-0.11214
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0.066912	-0.08459	-0.05994	-0.07462	-0.02598	-0.03254	-0.08109	-0.09454	0.028935
0.060139	0.077165	-0.04911	0.088356	-0.03206	0.023303	-0.06565	0.104401	0.007983
-0.01925	-0.02821	0.117537	0.018184	-0.05617	-0.04134	0.081884	-0.00865	-0.10677
-0.02472	0.0543	0.004166	-0.08523	0.032144	0.103554	0.02495	-0.02459	0.019327
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0.089849	-0.08309	-0.03602	-0.04524	-0.07074	-0.05559	-0.07811	-0.07407	-0.0275
0.053287	0.101114	-0.01325	0.070031	-0.04772	0.06613	-0.03347	0.104977	-0.03159
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0.098157	-0.0722	0.004958	-0.01921	-0.10178	-0.06209	-0.04125	-0.04469	-0.08393
0.032759	0.116121	0.015512	0.037534	-0.03811	0.101241	0.005069	0.078166	-0.04071
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0.08838	-0.05676	0.052696	-0.00201	-0.1062	-0.05589	0.018102	-0.01864	-0.11166
0.005348	0.118441	0.027799	-0.00348	-0.01009	0.118719	0.029595	0.029586	-0.01818
-0.1124	-0.04248	0.050615	0.011799	0.097994	-0.04783	0.074043	-0.00154	0.07872

0.028042	-0.03946	-0.07348	-0.09512	-0.00449	-0.01555	-0.07628	-0.09816	0.015015
0.02238	0.022372	-0.0691	0.100264	-0.01536	0.003324	-0.07113	0.10145	-0.00256
0.061331	-0.04234	0.094417	0.004523	-0.07998	-0.04466	0.078099	-0.00357	-0.09434
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0.062973	-0.05506	-0.06901	-0.07212	-0.05062	-0.0452	-0.07676	-0.0765	-0.04077
0.03798	0.053813	-0.03895	0.097524	-0.04182	0.046457	-0.04033	0.101849	-0.04023
0.021935	-0.03374	0.118649	0.002577	-0.02969	-0.03649	0.115487	0.000342	-0.03678
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0.093485	-0.05907	-0.04231	-0.04622	-0.09081	-0.05864	-0.04345	-0.04489	-0.09039
0.036788	0.08402	-0.00533	0.078284	-0.04336	0.086828	-0.00055	0.075372	-0.04488
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0.111681	-0.05345	0.001148	-0.02454	-0.1095	-0.05738	0.013836	-0.01607	-0.10707
0.020499	0.107072	0.019852	0.044873	-0.0223	0.11343	0.027434	0.02713	-0.01887
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0.112405	-0.04248	0.050615	-0.0118	-0.09799	-0.04783	0.074043	0.001542	-0.07872
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0.007411	-0.00446	-0.08452	-0.08855	-0.02833	-0.03187	-0.07501	-0.07865	-0.05117
0.002609	-0.01324	-0.05706	0.107838	-0.0309	0.025766	-0.04709	0.098392	-0.04962
0.094522	-0.03155	0.093174	-0.00893	-0.05789	-0.03828	0.113693	0.006982	-0.01484
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0.045101	-0.02237	-0.07808	-0.068	-0.07421	-0.05229	-0.04534	-0.04491	-0.09306
0.021611	0.01989	-0.02737	0.105021	-0.04392	0.069271	-0.00632	0.07234	-0.04907
0.061218	-0.02569	0.117571	-0.01296	-0.00069	-0.03539	0.116831	0.006286	0.057525
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0.082223	-0.02958	-0.0491	-0.04591	-0.10532	-0.05691	0.00961	-0.0134	-0.09878
0.024724	0.0543	0.004166	0.085233	-0.03214	0.103554	0.02495	0.02459	-0.01933
0.019253	-0.02821	0.117537	-0.01818	0.056173	-0.04134	0.081884	0.008645	0.106768
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0.110178	-0.02727	-0.00366	-0.02891	-0.10906	-0.05036	0.069743	0.006687	-0.06071
0.01186	0.083837	0.025886	0.05146	-0.00306	0.119141	0.031422	-0.03195	0.017783
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0.122332	-0.0191	0.047063	-0.02089	-0.08195	-0.04053	0.11146	0.013612	0.007319
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0.11563	-0.01026	0.090075	-0.02188	-0.0311	-0.03509	0.117716	0.012881	0.076138
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0.091343	-0.00595	0.114387	-0.02813	0.028185	-0.03827	0.085375	0.013652	0.115372
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0.056183	-0.00085	-0.05598	-0.04428	-0.11255	-0.05175	0.065224	0.011844	-0.04119
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0.041861	0.003558	0.085735	-0.04525	0.102163	-0.0682	-0.07966	0.065214	-0.02485
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0.106886	0.050091	0.10244	-0.05627	0.075297	-0.05357	-0.02992	0.041987	0.023627
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0.056983	0.037077	0.078686	-0.05805	0.093437	-0.07157	-0.09644	0.077004	-0.08581
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0.08477	0.062569	0.07247	-0.05531	0.052458	-0.04828	-0.02679	0.040762	0.002255
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0.042779	-0.10572	0.026345	0.115428	0.011309	0.118351	0.000667	-0.11512	0.008914
0.091962	0.074591	0.093683	-0.06908	0.088745	-0.06384	-0.07788	0.058744	-0.06186
-0.04807	0.036491	-0.02678	-0.0277	-0.00778	-0.01502	-0.0093	0.000171	-0.02526
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-0.06127	0.030373	-0.07331	-0.03291	-0.08498	-0.03461	0.09587	0.034617	0.10561
0.05963	-0.08299	0.049586	0.09701	0.039503	0.107137	-0.03084	-0.11364	-0.02459
0.084003	0.076431	0.09399	-0.07318	0.099588	-0.07042	-0.10109	0.06843	-0.09862
-0.08225	0.039026	-0.06764	-0.04081	-0.05367	-0.03881	0.040495	0.034056	0.027837
-0.02611	-0.07919	-0.03638	0.065323	-0.04094	0.051029	0.041656	-0.03675	0.040097
-0.02186	0.03186	-0.02902	-0.02983	-0.03803	-0.02781	0.048277	0.02511	0.059342
0.07756	-0.05638	0.074701	0.07025	0.071985	0.081815	-0.07068	-0.09113	-0.07185
0.056854	0.081577	0.069117	-0.08201	0.078333	-0.08343	-0.08462	0.086395	-0.0877
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0.011538	-0.12303	-0.00419	0.121535	-0.0144	0.119276	0.019857	-0.11695	0.020916
0.052982	0.069403	0.059713	-0.06246	0.06267	-0.05714	-0.06296	0.053611	-0.06111

0.052081	0.05727	0.052744	-0.05125	-0.05563	-0.04241	0.060277	0.029334	0.064687
-0.11498	-0.01766	-0.11352	0.009897	0.112095	-0.00299	-0.10902	0.022294	-0.10009
0.045739	-0.11805	0.039665	0.118086	-0.02768	0.117995	0.007849	-0.11559	-0.02143
0.091661	0.086904	0.100032	-0.08103	-0.11205	-0.068	0.127159	0.043917	0.141009
-0.0979	0.076399	-0.10133	-0.08505	0.099727	-0.09836	-0.08947	0.116515	-0.06431
0.020691	-0.0707	0.012998	0.081448	0.000191	0.089867	-0.02178	-0.09241	-0.0537
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0.027488	-0.0152	0.020301	0.002072	-0.01429	-0.01178	0.012351	0.02573	0.018759
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0.031791	-0.11371	0.02477	0.119374	-0.01204	0.121389	-0.00789	-0.11772	-0.03499
0.029818	0.013351	0.049073	-0.01947	-0.0685	-0.01988	0.087938	0.011084	0.104807
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0.053444	0.041639	0.046935	-0.01857	-0.03721	0.005388	0.021039	-0.027	-0.00528
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0.032635	-0.1088	0.02269	0.097205	-0.009	0.079563	-0.00587	-0.05545	-0.01611
0.073019	0.058681	0.089614	-0.06034	-0.10374	-0.05315	0.114092	0.035613	0.11659
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0.031653	-0.03199	0.019141	0.059234	-0.00078	0.08015	-0.02585	-0.08966	-0.06045
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0.028121	-0.05524	0.013392	0.025749	0.000615	-0.00744	-0.00772	0.041819	0.000286
0.086884	0.084268	0.091315	-0.07244	-0.08909	-0.05221	0.078072	0.027054	0.055048
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0.020005	-0.09852	0.005812	0.1142	0.013821	0.11589	-0.03766	-0.101	-0.05941
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0.074139	0.06268	0.062565	-0.03101	-0.04111	0.002793	0.008055	-0.02984	-0.0362
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0.018499	-0.11964	0.004148	0.106676	0.012444	0.076541	-0.02471	-0.03312	-0.02134
0.056136	0.027214	0.090656	-0.03718	-0.1131	-0.03594	0.119681	0.023542	0.106709
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0.047507	0.000384	0.024198	0.042485	0.007962	0.074106	-0.04718	-0.08457	-0.0859
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0.019288	-0.08483	0.00204	0.040702	0.012791	-0.01301	-0.01512	0.065343	0.004785
0.090519	0.065692	0.105504	-0.06084	-0.09983	-0.04235	0.072169	0.01826	0.024494
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0.022231	-0.07223	-0.00429	0.103061	0.034396	0.106974	-0.06079	-0.0812	-0.0694
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0.011066	-0.01274	-0.01287	-0.04477	0.02808	-0.0935	-0.02514	0.120549	-0.00317
0.093561	0.069425	0.081437	-0.03796	-0.04608	0.000139	-0.00763	-0.02847	-0.06802
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0.008247	-0.116	-0.01498	0.109769	0.03508	0.070038	-0.04027	-0.00903	-0.01663
0.026595	-0.00435	0.084046	-0.01095	-0.11777	-0.01749	0.117905	0.015158	0.083855
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0.070838	0.028269	0.035948	0.024099	0.015108	0.063205	-0.06896	-0.07152	-0.10463
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0.005328	-0.10589	-0.01458	0.054187	0.025818	-0.01769	-0.01589	0.082465	0.01998
0.079139	0.037646	0.11344	-0.04458	-0.10719	-0.03459	0.06096	0.017918	-0.01027
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0.037272	-0.04001	-0.007	0.086947	0.052882	0.094919	-0.08065	-0.05995	-0.06834
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0.094286	0.046104	0.052516	0.006203	0.020374	0.048835	-0.08902	-0.05488	-0.11265

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0.061715	-0.00766	-0.00196	0.066767	0.068554	0.080197	-0.09548	-0.04022	-0.05477
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0.022435	-0.07166	-0.0406	0.0975	0.076592	0.053297	-0.0529	0.025992	0.025424
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0.109806	0.050645	0.071016	-0.00984	0.023837	0.031595	-0.10546	-0.03795	-0.10775
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0.005208	-0.07265	-0.09763	0.031343	0.02326	-0.06499	0.096083	0.03837	0.032952
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0.118335	0.031413	-0.00908	0.013358	0.121351	0.030063	-0.00902	0.00777	0.122248
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0.089506	0.001875	-0.07383	0.044423	0.091971	0.000992	0.074538	0.038417	0.092174
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0.089506	0.001875	0.073835	-0.04442	0.091971	0.000992	-0.07454	-0.03842	0.092174
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0.118335	0.031413	0.009083	-0.01336	0.121351	0.030063	0.009022	-0.00777	0.122248
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0.111166	0.025359	-0.06142	0.025765	0.094872	0.014354	0.090216	0.02473	0.06888
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-0.05966	-0.05866	-0.05661	-0.0712	-0.08059	-0.03372	0.020706	-0.08679	-0.08671
0.059069	-0.02905	0.079638	-0.05881	0.085761	-0.00962	-0.05578	-0.05538	0.103638
-0.03297	0.118923	0.019342	0.029712	-0.01832	0.108789	-0.01863	0.072158	0.006322
0.070213	-0.01077	-0.10766	0.036412	0.025657	-0.02843	0.119578	0.015808	-0.02873
-0.04372	-0.07709	0.06012	0.0511	-0.02425	-0.09673	-0.06774	0.015086	-0.01582
-0.07386	-0.00418	-0.00802	-0.09577	-0.07535	0.041156	-0.03459	-0.07766	-0.04379
0.102957	0.017605	0.025646	-0.03927	0.116553	0.03277	0.026035	-0.0216	0.109219
-0.02932	0.088032	0.017841	0.100854	-0.01695	0.03911	-0.0125	0.121426	-0.01245
0.011065	-0.04987	-0.11144	0.004907	-0.04992	-0.05366	0.082391	-0.03267	-0.09833
-0.01696	-0.09299	0.082706	-0.02248	0.022164	-0.07932	-0.07662	-0.05805	0.051309
-0.06485	0.065104	0.026684	-0.06257	-0.04355	0.10301	-0.05235	-0.00155	0.008002
0.118407	0.037046	-0.0446	0.003913	0.094094	0.029841	0.101116	0.01706	0.037258
-0.03362	0.016211	0.024804	0.116334	-0.02067	-0.05357	-0.02666	0.085393	-0.02379
-0.04446	-0.06089	-0.07517	-0.04825	-0.09441	-0.02898	0.00747	-0.07291	-0.09442
0.027912	-0.06168	0.077731	-0.06819	0.076754	-0.01712	-0.03593	-0.07226	0.10205
-0.04485	0.110874	0.038527	0.014603	-0.01157	0.102802	-0.03733	0.088234	0.025046
0.097325	0.019271	-0.10122	0.0319	0.026163	-0.00806	0.121564	0.016138	-0.06222
-0.03628	-0.05938	0.04364	0.068719	-0.01092	-0.10735	-0.05047	-0.00529	0.003531
-0.07818	-0.02932	-0.01929	-0.08227	-0.09127	0.035705	-0.05593	-0.05606	-0.03277
0.076706	-0.00746	0.037673	-0.06282	0.107176	0.037919	0.040058	-0.03058	0.085614
-0.02769	0.105469	0.034117	0.091128	0.003085	0.03421	-0.01762	0.121064	0.007773
0.04625	-0.0198	-0.1195	0.019995	-0.05329	-0.03886	0.07436	-0.02332	-0.11644
-0.02565	-0.10065	0.06411	-0.01044	0.021596	-0.09008	-0.05419	-0.0795	0.057565
-0.08311	0.03223	0.029876	-0.06565	-0.05221	0.092808	-0.07428	0.018553	0.02948
0.109815	0.034757	-0.02634	-0.0198	0.089429	0.04663	0.105982	0.017092	0.002407
-0.02094	0.048628	0.028341	0.120144	0.002749	-0.05912	-0.01597	0.068785	-0.00661
-0.01627	-0.04915	-0.0928	-0.02365	-0.10418	-0.02639	-0.00926	-0.05579	-0.08967
0.003931	-0.08998	0.068323	-0.0722	0.065566	-0.02138	-0.01705	-0.0857	0.088704
-0.06525	0.090188	0.054495	-0.00035	-0.0061	0.093695	-0.05078	0.096462	0.047231
0.111453	0.041098	-0.08824	0.022847	0.025674	0.012304	0.116682	0.024108	-0.09007
-0.02217	-0.03154	0.032351	0.083446	0.004188	-0.11466	-0.02879	-0.02942	0.012138
-0.06798	-0.04314	-0.0355	-0.06368	-0.10404	0.026808	-0.07685	-0.03644	-0.01051
0.047142	-0.03917	0.043	-0.08261	0.09365	0.044999	0.049418	-0.03241	0.055851
-0.03885	0.109549	0.053287	0.076848	0.02196	0.028562	-0.01628	0.112183	0.02425
0.077704	0.012803	-0.11998	0.031384	-0.05425	-0.02542	0.061155	-0.00929	-0.12267

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0.088635	0.018888	-0.00985	-0.04388	0.080858	0.063759	0.104123	0.025167	-0.02998
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0.019133	-0.02567	-0.10644	0.00103	-0.10959	-0.02638	-0.02761	-0.03881	-0.07224
-0.00766	-0.1087	0.052895	-0.07086	0.052878	-0.02258	-0.00109	-0.09287	0.067129
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0.109806	0.050645	-0.07102	0.00984	0.023837	0.031595	0.10546	0.037955	-0.10775
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0.022435	-0.07166	0.040596	-0.0975	0.076592	0.053297	0.052899	-0.02599	0.025424
-0.06009	0.099555	0.072193	0.059181	0.038926	0.02308	-0.0087	0.09621	0.032314
0.09803	0.041878	-0.11279	0.038351	-0.0531	-0.01412	0.044338	0.006248	-0.11559
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0.061715	-0.00766	0.001962	-0.06677	0.068554	0.080197	0.095483	0.040218	-0.05477
-0.028	0.09072	0.055285	0.108731	0.048949	-0.06342	0.020475	0.02173	-0.00266
0.053594	0.005176	-0.11376	0.024241	-0.11056	-0.02914	-0.04551	-0.02529	-0.04434
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-0.10205	0.027838	0.067426	-0.02455	0.00083	0.069511	-0.05852	0.087768	0.080393
0.094286	0.046104	-0.05252	-0.0062	0.020374	0.048835	0.08902	0.054878	-0.11265
-0.00473	0.033224	0.031723	0.099568	0.03739	-0.1172	0.020507	-0.07545	-0.00424
-0.00939	-0.02935	-0.07098	-0.01564	-0.1177	-0.00035	-0.10946	-0.01446	0.053092
0.008742	-0.09895	0.030744	-0.10669	0.056773	0.061954	0.049855	-0.01163	-0.00019
-0.08493	0.077368	0.087724	0.039497	0.05336	0.018643	0.004252	0.075715	0.029043
0.103146	0.062008	-0.09917	0.040534	-0.05022	-0.00549	0.025811	0.019873	-0.09625
0.004643	-0.04581	0.01701	0.032595	0.025076	-0.09829	0.01067	-0.12165	0.016558
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0.037272	-0.04001	0.006996	-0.08695	0.052882	0.094919	0.080646	0.059949	-0.06834
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0.079139	0.037646	-0.11344	0.044576	-0.10719	-0.03459	-0.06096	-0.01792	-0.01027
0.005328	-0.10589	0.014578	-0.05419	0.025818	-0.01769	0.015886	-0.08246	0.01998
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0.070838	0.028269	-0.03595	-0.0241	0.015108	0.063205	0.068964	0.071523	-0.10463
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0.026595	-0.00435	-0.08405	0.010953	-0.11777	-0.01749	-0.11791	-0.01516	0.083855
0.008247	-0.116	0.014985	-0.10977	0.03508	0.070038	0.040273	0.009025	-0.01663
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0.093561	0.069425	-0.08144	0.037964	-0.04608	0.000139	0.00763	0.02847	-0.06802
0.011066	-0.01274	0.012871	0.044772	0.02808	-0.0935	0.025137	-0.12055	-0.00317
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0.022231	-0.07223	0.004288	-0.10306	0.034396	0.106974	0.060792	0.0812	-0.0694
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0.090519	0.065692	-0.1055	0.060844	-0.09983	-0.04235	-0.07217	-0.01826	0.024494
0.019288	-0.08483	-0.00204	-0.0407	0.012791	-0.01301	0.015125	-0.06534	0.004785
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0.047507	0.000384	-0.0242	-0.04249	0.007962	0.074106	0.047177	0.084572	-0.0859
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0.056136	0.027214	-0.09066	0.037185	-0.1131	-0.03594	-0.11968	-0.02354	0.106709
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0.074139	0.06268	-0.06256	0.031006	-0.04111	0.002793	-0.00806	0.029836	-0.0362
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0.020691	-0.0707	-0.013	-0.08145	0.000191	0.089867	0.021781	0.092412	-0.0537
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0.112447	-0.00212	0.122488	-0.03475	-0.06461	0.110294	0.10147	-0.05597	-0.14758
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0.005211	-0.07404	-0.00229	-0.03281	0.00263	0.023734	-0.01756	-0.07186	-0.02799
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0.115902	-0.01951	0.078052	-0.01676	0.010947	0.031494	-0.05003	-0.02555	0.087971
-0.02948	0.111334	0.002577	0.115466	0.083315	0.03501	-0.02807	-0.01001	-0.0056
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0.049522	-0.03608	0.072423	-0.08673	-0.10685	0.043212	0.09264	-0.0038	-0.05011
0.012908	-0.02857	0.030742	0.023877	0.056274	0.078377	-0.05302	-0.11328	0.001042
0.040277	0.019022	-0.02307	0.038251	0.063788	-0.06486	-0.08728	0.055052	0.10853
-0.04321	0.096771	-0.00021	0.043496	-0.02593	0.002251	0.080726	0.059081	-0.0743
-0.08082	-0.08138	-0.07029	-0.06545	-0.04681	-0.029	0.03227	-0.02825	-0.05849
0.111064	-0.06053	0.086783	-0.06638	-0.03123	0.037342	-0.02472	-0.03108	0.075319
0.013782	0.076029	0.037806	0.105928	0.093496	0.066797	-0.04456	-0.03892	0.000165
-0.06351	0.014066	-0.11134	0.022636	0.022797	-0.11799	-0.0193	0.085825	0.007555
-0.00157	0.008245	0.03474	-0.06628	-0.11107	0.011177	0.106847	0.029456	-0.05025
-0.01771	-0.06836	0.017583	-0.02343	0.012456	0.076365	-0.02015	-0.11596	-0.02316
0.089415	-0.02276	0.018893	0.01194	0.061901	-0.03379	-0.10155	0.023211	0.114809
-0.01495	0.12163	0.013166	0.087052	0.017482	0.008809	0.04948	0.061114	-0.04877
-0.1107	-0.03524	-0.10648	-0.03483	-0.0388	-0.0589	0.042658	-0.00104	-0.07181
0.069587	-0.06892	0.06924	-0.10125	-0.07348	0.026111	0.0052	-0.02651	0.058432
0.032018	0.017934	0.064563	0.067341	0.079526	0.095684	-0.04808	-0.06649	0.008253
-0.00652	0.018476	-0.08208	0.050559	0.063129	-0.10301	-0.05214	0.076127	0.0225
-0.02202	0.06703	0.009292	-0.02012	-0.09148	-0.01586	0.106988	0.060234	-0.05067

-0.07082	-0.06842	-0.01788	-0.04729	-0.02515	0.05817	0.014825	-0.10698	-0.04573
0.1013	-0.07126	0.044566	-0.03598	0.037062	-0.00976	-0.10119	-0.00545	0.118766
0.029362	0.104528	0.045869	0.10339	0.051629	0.030561	0.017252	0.051581	-0.02512
-0.09966	0.010754	-0.12262	0.012964	-0.00916	-0.0798	0.038363	0.022058	-0.08146
0.018654	-0.03632	0.035337	-0.10604	-0.10356	0.00097	0.034687	-0.01065	0.043671
0.009477	-0.03198	0.068716	0.016453	0.045689	0.113738	-0.03696	-0.08887	0.011812
0.050385	-0.01565	-0.04024	0.046553	0.088573	-0.07565	-0.08309	0.055271	0.034551
-0.00196	0.108843	0.008178	0.032872	-0.05415	-0.03041	0.092597	0.085101	-0.04486
-0.114	-0.03222	-0.06122	-0.03809	-0.04542	0.029367	0.046639	-0.08728	-0.06567
0.072595	-0.09588	0.044254	-0.08505	-0.00306	0.000337	-0.0868	-0.02769	0.114977
0.056893	0.055006	0.08188	0.08626	0.066305	0.060977	-0.0105	0.032343	-0.00259
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-0.00946	0.022035	0.002249	-0.07804	-0.1124	-0.03075	0.058132	0.013847	0.029194
-0.04362	-0.04779	0.04631	-0.02487	0.002273	0.115735	-0.0134	-0.10288	0.008829
0.07677	-0.06819	-0.00369	0.011561	0.091433	-0.04392	-0.10648	0.026508	0.045825
0.042534	0.111706	0.032297	0.071008	-0.01038	-0.02829	0.066498	0.100879	-0.03256
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0.024854	-0.07954	0.020134	-0.11438	-0.04636	-0.00655	-0.06172	-0.04043	0.104445
0.045281	0.000831	0.1036	0.043693	0.057029	0.091194	-0.02839	0.007338	0.019759
0.007859	0.004379	-0.07914	0.076167	0.075075	-0.07437	-0.00605	0.043543	-0.07997
0.002492	0.076014	-0.01333	-0.02857	-0.09731	-0.05997	0.070504	0.042837	0.01486
-0.09739	-0.02345	0.005478	-0.03894	-0.0377	0.1011	0.018354	-0.10588	0.0016
0.061261	-0.10797	0.012241	-0.04016	0.070826	-0.01693	-0.11772	-0.00587	0.055619
0.079569	0.07567	0.070898	0.078959	0.026696	-0.01018	0.033321	0.105233	-0.01622
-0.08505	0.044933	-0.104	0.049028	-0.01642	-0.02554	0.079932	-0.03108	-0.10117
-0.00905	-0.02848	-0.01475	-0.11142	-0.07984	-0.02847	-0.03093	-0.04174	0.089395
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0.045196	-0.0477	-0.03975	0.062636	0.104373	-0.04935	-0.03705	0.037593	-0.07238
0.045924	0.097865	-0.00276	0.021928	-0.06281	-0.07834	0.068984	0.071811	0.002943
-0.12091	0.023777	-0.03727	-0.01976	-0.06223	0.074125	0.052682	-0.09694	-0.0085
0.018544	-0.11073	0.001696	-0.08717	0.03296	-0.00247	-0.11465	-0.03729	0.061674
0.081499	0.022762	0.106499	0.054294	0.045935	0.018559	-0.00107	0.09775	0.003067
-0.02883	0.034896	-0.08709	0.088315	0.024129	-0.03556	0.075854	-0.00352	-0.11301
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0.041986	-0.09949	-0.01151	0.020707	0.112118	-0.01767	-0.06599	0.020667	-0.06133
0.091841	0.078136	0.030609	0.052592	-0.01927	-0.08065	0.053461	0.096241	-0.00503
-0.10147	0.06332	-0.06457	0.024376	-0.06395	0.042672	0.083395	-0.07718	-0.02099
-0.01993	-0.07313	-0.02902	-0.10998	-0.01077	-0.00468	-0.09783	-0.0633	0.062881
0.042304	-0.01571	0.122835	0.00852	0.041551	0.0495	-0.03052	0.079972	0.024644
0.015406	-0.01142	-0.0528	0.099924	0.067269	-0.0286	0.058683	0.017837	-0.1193
0.03482	0.068745	-0.04832	-0.02674	-0.08306	-0.08965	0.023661	-0.01237	0.048846
-0.10182	0.026907	0.028166	-0.04326	-0.05763	0.107654	-0.00163	-0.05789	0.066559
0.005172	-0.12184	-0.00713	-0.03266	0.095981	0.0116	-0.08706	-0.00483	-0.04771
0.10899	0.031065	0.072948	0.051086	0.020209	-0.06632	0.026446	0.112213	-0.00868
-0.05252	0.068931	-0.06606	0.074476	-0.04235	0.015897	0.104941	-0.04937	-0.03476
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0.022849	-0.07013	-0.01801	0.078104	0.100032	-0.00659	0.032076	0.029655	-0.11984
0.087717	0.065957	-0.0276	0.019055	-0.0518	-0.11128	0.036642	0.012905	0.025687
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0.083473	-0.01366	0.106227	0.018857	0.043779	-0.03961	-0.00739	0.117118	-0.00784
-0.0052	0.033843	-0.04312	0.108926	-0.00393	0.001598	0.113487	-0.01753	-0.04821
0.008751	0.033521	-0.0865	-0.06054	-0.06543	-0.05177	-0.03732	-0.08588	0.050102
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0.120208	0.028023	0.012306	0.040636	-0.00907	-0.11777	0.035812	0.039706	0.002823

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0.027502	-0.02802	0.11642	-0.02948	0.044354	-0.00835	-0.04209	0.110077	-0.00256
0.011137	-0.02528	-0.0082	0.112751	0.039757	0.003961	0.107638	0.013719	-0.05985
0.065296	0.046455	-0.08365	-0.01043	-0.05991	-0.08293	-0.00483	-0.07979	0.036273
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0.111347	-0.01974	0.055249	0.029048	0.032311	-0.1073	0.021126	0.063392	-0.01826
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-0.02815	0.001839	-0.09987	-0.07241	-0.02177	0.018292	-0.07152	-0.09207	-0.00668
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0.111347	0.019738	-0.05525	0.029048	-0.03231	-0.1073	0.021126	-0.06339	0.018263
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0.065296	-0.04646	0.083651	-0.01043	0.059905	-0.08293	-0.00483	0.079792	-0.03627
0.011137	0.025276	0.0082	0.112751	-0.03976	0.003961	0.107638	-0.01372	0.05985
0.027502	0.028023	-0.11642	-0.02948	-0.04435	-0.00835	-0.04209	-0.11008	0.002559
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0.120208	-0.02802	-0.01231	0.040636	0.009069	-0.11777	0.035812	-0.03971	-0.00282
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0.008751	-0.03352	0.086499	-0.06054	0.065427	-0.05177	-0.03732	0.085877	-0.0501
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0.083473	0.01366	-0.10623	0.018857	-0.04378	-0.03961	-0.00739	-0.11712	0.007842
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0.087717	-0.06596	0.027602	0.019055	0.051805	-0.11128	0.036642	-0.0129	-0.02569
0.022849	0.070125	0.018009	0.078104	-0.10003	-0.00659	0.032076	-0.02965	0.119839
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0.10899	-0.03107	-0.07295	0.051086	-0.02021	-0.06632	0.026446	-0.11221	0.008677
0.005172	0.121837	0.007125	-0.03266	-0.09598	0.0116	-0.08706	0.004833	0.047707
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0.03482	-0.06874	0.048322	-0.02674	0.083058	-0.08965	0.023661	0.012365	-0.04885
0.015406	0.011423	0.052795	0.099924	-0.06727	-0.0286	0.058683	-0.01784	0.119295
0.042304	0.015711	-0.12283	0.00852	-0.04155	0.0495	-0.03052	-0.07997	-0.02464
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0.091841	-0.07814	-0.03061	0.052592	0.019274	-0.08065	0.053461	-0.09624	0.005033
0.041986	0.099492	0.01151	0.020707	-0.11212	-0.01767	-0.06599	-0.02067	0.061331
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0.081499	-0.02276	-0.1065	0.054294	-0.04593	0.018559	-0.00107	-0.09775	-0.00307
0.018544	0.110728	-0.0017	-0.08717	-0.03296	-0.00247	-0.11465	0.037289	-0.06167
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0.045924	-0.09787	0.002762	0.021928	0.062806	-0.07834	0.068984	-0.07181	-0.00294
0.045196	0.047704	0.03975	0.062636	-0.10437	-0.04935	-0.03705	-0.03759	0.07238
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0.079569	-0.07567	-0.0709	0.078959	-0.0267	-0.01018	0.033321	-0.10523	0.016221
0.061261	0.107965	-0.01224	-0.04016	-0.07083	-0.01693	-0.11772	0.005867	-0.05562
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0.002492	-0.07601	0.013333	-0.02857	0.097307	-0.05997	0.070504	-0.04284	-0.01486

0.007859	-0.00438	0.079143	0.076167	-0.07507	-0.07437	-0.00605	-0.04354	0.079965
0.045281	-0.00083	-0.1036	0.043693	-0.05703	0.091194	-0.02839	-0.00734	-0.01976
0.024854	0.079542	-0.02013	-0.11438	0.046357	-0.00655	-0.06172	0.040426	-0.10445
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0.042534	-0.11171	-0.0323	0.071008	0.010378	-0.02829	0.066498	-0.10088	0.03256
0.07677	0.06819	0.003685	0.011561	-0.09143	-0.04392	-0.10648	-0.02651	-0.04582
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0.072595	0.09588	-0.04425	-0.08505	0.003056	0.000337	-0.0868	0.027693	-0.11498
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-0.00196	-0.10884	-0.00818	0.032872	0.054147	-0.03041	0.092597	-0.0851	0.044864
0.050385	0.015653	0.040236	0.046553	-0.08857	-0.07565	-0.08309	-0.05527	-0.03455
0.009477	0.031977	-0.06872	0.016453	-0.04569	0.113738	-0.03696	0.088865	-0.01181
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-0.09966	-0.01075	0.122621	0.012964	0.009157	-0.0798	0.038363	-0.02206	0.081463
0.029362	-0.10453	-0.04587	0.10339	-0.05163	0.030561	0.017252	-0.05158	0.025118
0.1013	0.071257	-0.04457	-0.03598	-0.03706	-0.00976	-0.10119	0.005446	-0.11877
-0.07082	0.06842	0.017882	-0.04729	0.025151	0.05817	0.014825	0.106981	0.045734
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-0.00652	-0.01848	0.082076	0.050559	-0.06313	-0.10301	-0.05214	-0.07613	-0.0225
0.032018	-0.01793	-0.06456	0.067341	-0.07953	0.095684	-0.04808	0.066492	-0.00825
0.069587	0.068919	-0.06924	-0.10125	0.073481	0.026111	0.0052	0.026511	-0.05843
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-0.01495	-0.12163	-0.01317	0.087052	-0.01748	0.008809	0.04948	-0.06111	0.04877
0.089415	0.022764	-0.01889	0.01194	-0.0619	-0.03379	-0.10155	-0.02321	-0.11481
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0.013782	-0.07603	-0.03781	0.105928	-0.0935	0.066797	-0.04456	0.038925	-0.00016
0.111064	0.060531	-0.08678	-0.06638	0.03123	0.037342	-0.02472	0.031079	-0.07532
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0.040277	-0.01902	0.023074	0.038251	-0.06379	-0.06486	-0.08728	-0.05505	-0.10853
0.012908	0.028569	-0.03074	0.023877	-0.05627	0.078377	-0.05302	0.113282	-0.00104
0.049522	0.036076	-0.07242	-0.08673	0.106849	0.043212	0.09264	0.003804	0.050105
-0.08996	0.026398	0.115652	-0.02456	0.020618	-0.11615	0.010342	-0.08448	0.00689
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0.115902	0.019507	-0.07805	-0.01676	-0.01095	0.031494	-0.05003	0.025552	-0.08797
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0.003365	-0.03172	-0.0174	0.075271	-0.09369	0.064078	-0.078	0.101675	-0.01504
0.101711	0.043125	-0.10488	-0.07382	0.080853	0.071563	0.069735	0.0326	0.049839
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0.079159	-0.02729	-0.04547	0.026189	-0.04031	0.011731	-0.06297	0.011962	-0.08424
0.005211	0.074036	0.002293	-0.03281	-0.00263	0.023734	-0.01756	0.071857	0.02799
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0.12423	0.012505	-0.11638	-0.03521	0.042213	0.085753	0.041176	0.047586	0.030075
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0.022338	-0.04892	-0.00339	0.041644	-0.04385	-0.01654	-0.05503	-0.01702	-0.07911
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0.112447	0.002122	-0.12249	-0.03475	0.06461	0.110294	0.10147	0.055972	0.147579
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0.030233	0.061569	-0.01222	-0.04885	0.037228	0.006176	0.034353	0.007009	0.056426
0.036769	0.035957	-0.03628	-0.05854	0.07976	0.007551	0.09215	-0.06045	0.04536
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0.137053	-0.02152	-0.14814	-0.02689	0.072161	0.125145	0.12119	0.037813	0.143278
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0.099369	0.005544	0.10737	-0.01659	-0.03887	-0.08226	-0.0689	-0.00164	0.036754
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0.037035	0.07678	0.08038	0.09052	0.058629	-0.01832	-0.02979	-0.05666	0.052908
0.061118	0.046497	0.06482	-0.09065	-0.09056	-0.04021	-0.05466	0.063497	0.012882
-0.00453	-0.10648	-0.10795	-0.05905	-0.0221	0.026994	0.044261	0.031252	-0.06041
-0.0587	-0.00281	-0.02615	0.116687	0.090384	0.027571	0.03255	-0.07263	0.000545
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0.098418	0.002264	-0.01699	-0.12319	-0.06188	-0.00251	0.010261	0.084526	0.001785
0.012025	-0.0412	-0.11916	0.034001	0.014006	0.04818	0.017557	-0.01278	-0.09852
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0.014311	0.06688	0.100896	-0.07316	-0.00795	-0.03037	0.020365	0.057224	0.118401
0.061999	0.050602	-0.09734	-0.08245	-0.04972	0.048062	0.00795	0.07896	-0.09404
0.014588	-0.09685	-0.06759	0.102219	0.022552	0.006983	-0.02624	-0.09755	-0.08314
-0.05361	-0.00985	0.121459	0.047557	0.034433	-0.04552	-0.00732	-0.03599	0.124708
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0.091151	0.006402	-0.12882	-0.00285	1.69E-05	0.046228	0.027286	-0.00521	-0.11218
0.036918	-0.02874	0.019823	0.125234	0.009397	-0.00605	-0.06393	-0.10359	-0.01099
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0.057063	0.06586	-0.09601	0.086477	-0.00596	0.050865	-0.01801	-0.07166	-0.11985
0.032198	-0.08513	0.094867	0.071735	-0.02489	-0.03913	-0.10019	-0.08092	0.052608
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0.07785	0.018256	-0.01329	0.121336	-0.00419	0.022844	-0.03832	-0.12965	-0.0281
0.059351	-0.02318	0.117147	-0.01216	-0.03244	-0.0231	-0.09535	0.022806	0.091159
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0.046792	0.07904	0.072602	0.097711	-0.03668	0.034465	-0.08897	-0.08644	0.036341
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0.032198	0.085125	0.094867	-0.07174	-0.02489	0.039133	-0.10019	0.080923	0.052608
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0.036918	0.02874	0.019823	-0.12523	0.009397	0.006051	-0.06393	0.103588	-0.01099
0.091151	-0.0064	-0.12882	0.002846	1.69E-05	-0.04623	0.027286	0.005213	-0.11218
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0.014588	0.096855	-0.06759	-0.10222	0.022552	-0.00698	-0.02624	0.097551	-0.08314
0.061999	-0.0506	-0.09734	0.082451	-0.04972	-0.04806	0.00795	-0.07896	-0.09404
0.014311	-0.06688	0.100896	0.073156	-0.00795	0.030367	0.020365	-0.05722	0.118401
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0.012025	0.041204	-0.11916	-0.034	0.014006	-0.04818	0.017557	0.012779	-0.09852
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0.061118	-0.0465	0.06482	0.090649	-0.09056	0.040206	-0.05466	-0.0635	0.012882
0.037035	-0.07678	0.08038	-0.09052	0.058629	0.018323	-0.02979	0.056664	0.052908
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0.099369	-0.00554	0.10737	0.016589	-0.03887	0.082258	-0.0689	0.001639	0.036754
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0.054393	-0.03634	0.085609	-0.06891	-0.01154	0.061085	-0.1281	0.025725	-0.04209
0.058652	-0.0686	-0.0782	-0.07757	0.079265	-0.0993	0.011379	0.020118	-0.01158
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0.094014	0.009378	0.017118	-0.10923	0.056596	0.013958	-0.1039	0.032224	-0.04417
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0.041941	-0.00331	-0.06356	-0.09374	0.033739	-0.06648	-0.11713	-0.00012	-0.08193
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0.082545	0.036161	-0.10908	-0.02559	0.017552	-0.10827	-0.04685	-0.00851	-0.00621
0.029571	-0.0564	-0.01256	0.108233	-0.10286	-0.02689	0.056066	0.015646	0.024186
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0.044262	-0.07259	0.094538	0.015034	-0.03849	0.100787	0.003548	0.02262	-0.0632
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0.038241	-0.01289	0.002041	-0.00096	0.018867	-0.00273	0.024506	-0.0043	0.023082

0.001296	0.00313	0.003594	0.004969	0.017598	0.021163	0.007138	0.01553	0.002611
0.003628	-0.00433	-0.00198	-0.00706	-0.00931	-0.04513	-0.00038	-0.02882	-0.00016
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0.021463	0.007183	-0.00014	-0.01194	0.043802	-0.07638	0.02669	-0.02869	0.000216
0.002592	-0.02742	-0.03186	0.00809	-0.10852	-0.04618	-0.02474	-0.04768	-0.00473
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0.008503	0.042246	0.017911	-0.02987	0.116684	-0.01028	0.025485	0.034959	-0.01275
0.048097	-0.01101	-0.0522	0.012168	-0.04084	-0.09671	0.0282	-0.03861	-0.00903
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0.046212	0.061139	-0.03387	-0.03023	0.108592	-0.0354	0.042253	0.061858	-0.04098
0.059227	-0.05635	-0.04952	0.052481	-0.08053	-0.11544	0.049201	-0.0855	0.026682
-0.07286	-0.05828	0.0542	0.026632	-0.10851	0.088898	-0.06323	-0.0433	0.042618
-0.0512	0.083365	0.047956	-0.07476	0.127894	0.097154	-0.04243	0.102324	-0.04205
0.099648	0.044377	-0.08768	-0.01641	0.066153	-0.14553	0.074503	0.015325	-0.04629
0.030448	-0.10724	-0.02666	0.104238	-0.14671	-0.02202	0.037608	-0.09068	0.065454
-0.11895	-0.01994	0.119304	-0.01619	-0.00794	0.135955	-0.08315	-0.01468	0.042063
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0.127271	-0.01224	-0.12183	0.061001	-0.015	-0.0879	0.10255	0.023161	-0.0185
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0.064841	0.118297	-0.09527	-0.08467	0.082455	-0.04016	-0.00527	0.125781	-0.11079
0.110361	-0.08136	-0.076	0.115057	-0.02654	-0.07123	0.129299	-0.0277	0.037583
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0.116632	0.062479	-0.13949	-0.03167	0.022682	-0.08516	0.030521	0.096303	-0.09839
0.044563	-0.12158	-0.00644	0.150046	-0.02385	0.039348	0.122805	-0.02233	0.074588
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0.113007	-0.01634	-0.11472	0.05521	0.013298	0.022566	0.067616	0.121588	-0.06031
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0.058215	0.077864	-0.08264	-0.07525	-0.02826	0.002186	-0.087	0.078823	-0.07953
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0.07967	0.00299	-0.0848	-0.02241	-0.04446	0.010664	-0.06894	0.076359	-0.08017
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0.045519	0.061923	-0.03876	-0.0494	-0.09239	-0.01111	-0.09266	-0.05551	0.037604
0.046058	-0.06044	-0.02789	0.02253	0.020071	0.073313	-0.03946	0.107384	-0.08242
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0.078384	0.005898	-0.01701	-0.00678	-0.02604	0.045235	-0.07564	-0.02096	0.04498
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0.036793	0.075861	-0.00243	-0.00605	-0.02308	0.001519	0.024776	-0.08804	0.13378
0.069689	-0.04721	-0.00698	0.004154	-0.00106	0.038413	-0.08405	-0.001	0.000492
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0.067842	0.044283	-0.0038	0.010962	-0.00992	0.082893	-0.00617	-0.04719	0.130927
0.036622	-0.07014	0.017854	7.97E-05	0.070583	0.000819	-0.06154	0.021081	-0.04117
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0.070198	0.013695	0.032354	-0.00849	0.094514	0.063462	-0.01449	-0.03294	0.109696
0.012017	-0.06464	-0.02502	-0.01135	0.01852	-0.09871	-0.05021	0.009553	-0.09192
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0.059087	0.002983	0.001376	-0.03447	0.104174	0.016584	-0.0355	0.000788	0.047766
0.004124	-0.05279	-0.04853	0.021831	-0.01605	-0.11051	-0.00389	0.013674	-0.0852
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0.057845	0.006723	-0.03577	-0.04676	0.123903	-0.07604	-0.01136	0.00944	0.019427
0.007554	-0.05514	-0.069	0.066822	-0.10772	-0.10806	0.01926	-0.01709	-0.06917
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0.069646	0.00247	-0.11409	-0.0103	0.031259	-0.1055	0.006591	0.026384	5.61E-05
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0.015999	0.074848	-0.03218	-0.11898	0.081966	0.00569	-0.0485	0.047818	0.029594
0.077201	-0.02354	-0.11459	0.059641	0.017899	-0.07868	0.056114	0.030936	0.02063
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0.007002	-0.08066	0.012579	0.140138	0.047405	0.015036	0.098497	0.021198	-0.00396
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0.022471	0.074556	-0.04398	-0.11815	-0.0512	0.02231	-0.09645	0.007317	0.024781
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0.074089	0.026575	-0.07898	-0.0756	-0.05006	0.013508	-0.09707	0.006091	0.047635
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0.032454	0.086418	0.001042	-0.07232	-0.09821	-0.04855	-0.03657	-0.12854	0.033266
0.077337	-0.04968	-0.06862	-0.0049	-0.02498	0.103329	-0.105	0.067754	0.03047
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0.098858	0.050365	-0.0259	-0.02543	-0.07971	0.063178	-0.05354	-0.08591	0.072227
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0.096876	-0.09432	0.008033	0.012874	0.038516	0.081761	-0.10696	-0.03789	0.038124
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0.03566	-0.12268	0.005396	-0.01403	0.060277	-0.04888	-0.11631	-0.04645	0.007787
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0.042117	0.076955	0.042252	-0.00617	-0.01334	0.107484	0.080402	1.98E-05	-0.01152
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0.02325	-0.04524	-0.06343	-0.06079	0.074926	-0.08821	-0.03243	-0.07378	0.090985

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0.026525	-0.00101	0.034773	-0.11419	0.064758	0.022298	0.020127	-0.03046	0.006091
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0.001882	0.008579	0.122526	-0.02067	-0.03446	0.06456	0.008024	0.027134	-0.13202
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0.047115	-0.02788	-0.08266	-0.05514	-0.08176	0.092201	-0.0604	-0.01445	0.004274
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0.096876	0.094323	-0.00803	0.012874	-0.03852	0.081761	0.106957	-0.03789	-0.03812
0.080988	-0.10963	0.016939	-0.00127	0.058371	0.028506	-0.07222	-0.10513	-0.07004
-0.11859	-0.06257	-0.01308	-0.00801	-0.0128	-0.08112	-0.10346	0.062018	0.048623
-0.04617	0.125056	-0.00454	0.011075	-0.04631	0.017831	0.093744	0.106745	0.063061
0.127898	0.023997	0.019639	-0.00664	0.034714	0.052293	0.08533	-0.09293	-0.06594
0.0057	-0.12612	-0.00847	-0.00853	0.03716	-0.01987	-0.10442	-0.0801	-0.04369
-0.12055	0.01567	-0.01889	0.015408	-0.04543	-0.05663	-0.06321	0.094607	0.07897
0.031678	0.112195	0.0155	0.007374	-0.044	0.03909	0.1001	0.064802	0.010807
0.098858	-0.05037	0.025901	-0.02543	0.079705	0.063178	0.053538	-0.08591	-0.07223
-0.05978	-0.08535	-0.0351	-0.00923	0.026158	-0.09021	-0.09792	-0.07346	0.017259
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0.077337	0.049684	0.068621	-0.0049	0.024976	0.103329	0.104998	0.067754	-0.03047
0.032454	-0.08642	-0.00104	-0.07232	0.098212	-0.04855	0.036572	-0.12854	-0.03327
-0.08304	-0.01046	-0.0879	0.040148	-0.05846	-0.05408	-0.10686	-0.03248	0.038845
0.006251	0.08331	0.04412	0.074086	-0.05994	0.055142	-0.01959	0.123256	0.015925
0.074089	-0.02658	0.07898	-0.0756	0.050058	0.013508	0.097074	0.006091	-0.04764
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-0.05162	0.056117	-0.06056	0.098034	-0.03983	-0.02126	-0.0909	-0.00919	0.044703
0.064763	0.040641	0.096617	0.040424	-0.05081	0.024358	-0.01442	0.098534	-0.03691
0.022471	-0.07456	0.043976	-0.11815	0.0512	0.02231	0.096452	0.007317	-0.02478
-0.07592	-0.00955	-0.12271	-0.01877	0.032345	-0.04056	0.003396	-0.11029	0.047573
0.007002	0.080659	-0.01258	0.140138	-0.04741	0.015036	-0.0985	0.021198	0.003962
0.077192	-0.02122	0.143194	-0.02078	-0.00586	0.009427	0.015883	0.095507	-0.04359

-0.03465	-0.07539	-0.03993	-0.14507	0.008223	-0.02887	0.086044	-0.04226	0.004471
-0.06958	0.047263	-0.1328	0.068487	0.018935	0.04901	-0.02599	-0.06111	0.041308
0.058269	0.061422	0.086911	0.121909	0.021562	-0.02184	-0.07154	0.03027	-0.00858
0.053384	-0.06541	0.096348	-0.09967	-0.06277	-0.05651	0.027417	0.049223	-0.0432
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-0.03321	0.074324	-0.06128	0.111332	0.085137	0.014598	-0.03553	-0.05842	0.038343
0.077201	0.023538	0.114586	0.059641	-0.0179	-0.07868	-0.05611	0.030936	-0.02063
0.015999	-0.07485	0.032182	-0.11898	-0.08197	0.00569	0.048504	0.047818	-0.02959
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0.069646	-0.00247	0.11409	-0.0103	-0.03126	-0.1055	-0.00659	0.026384	-5.61E-05
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0.007554	0.055143	0.068997	0.066822	0.10772	-0.10806	-0.01926	-0.01709	0.069174
0.057845	-0.00672	0.035769	-0.04676	-0.1239	-0.07604	0.011361	0.00944	-0.01943
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0.059087	-0.00298	-0.00138	-0.03447	-0.10417	0.016584	0.035498	0.000788	-0.04777
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0.012017	0.064643	0.025022	-0.01135	-0.01852	-0.09871	0.050206	0.009553	0.091922
0.070198	-0.01369	-0.03235	-0.00849	-0.09451	0.063462	0.014493	-0.03294	-0.1097
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0.036622	0.070136	-0.01785	7.97E-05	-0.07058	0.000819	0.061536	0.021081	0.041172
0.067842	-0.04428	0.003799	0.010962	0.00992	0.082893	0.006171	-0.04719	-0.13093
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0.069689	0.047208	0.006979	0.004154	0.001056	0.038413	0.084051	-0.001	-0.00049
0.036793	-0.07586	0.002435	-0.00605	0.023078	0.001519	-0.02478	-0.08804	-0.13378
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0.078384	-0.0059	0.017014	-0.00678	0.026036	0.045235	0.075638	-0.02096	-0.04498
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0.046058	0.060436	0.027886	0.02253	-0.02007	0.073313	0.039458	0.107384	0.08242
0.045519	-0.06192	0.03876	-0.0494	0.092391	-0.01111	0.092664	-0.05551	-0.0376
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0.07967	-0.00299	0.084797	-0.02241	0.044457	0.010664	0.068936	0.076359	0.080169
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0.062028	0.0737	0.046893	0.07651	-0.03976	0.011971	-0.08461	0.077149	0.040025
0.058215	-0.07786	0.08264	-0.07525	0.028261	0.002186	0.087001	0.078823	0.07953
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0.113007	0.016343	0.114724	0.05521	-0.0133	0.022566	-0.06762	0.121588	0.060306
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0.110361	0.081364	0.075997	0.115057	0.026538	-0.07123	-0.1293	-0.0277	-0.03758
0.064841	-0.1183	0.095267	-0.08467	-0.08246	-0.04016	0.005273	0.125781	0.110786
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0.030448	0.107244	0.026657	0.104238	0.146709	-0.02202	-0.03761	-0.09068	-0.06545
0.099648	-0.04438	0.087681	-0.01641	-0.06615	-0.14553	-0.0745	0.015325	0.046287
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0.059227	0.056347	0.049522	0.052481	0.08053	-0.11544	-0.0492	-0.0855	-0.02668
0.046212	-0.06114	0.033868	-0.03023	-0.10859	-0.0354	-0.04225	0.061858	0.04098
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0.001404	0.020174	-0.03775	0.091955	-0.07763	0.023194	-0.02466	0.131019	-0.04045
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0.082481	-0.03228	-0.04356	0.115071	-0.01069	0.049522	-0.03527	0.110605	-0.04358
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0.039705	-0.04977	0.123874	-0.09017	0.01633	-0.01222	0.087277	-0.10632	-0.00717
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0.047677	-0.08991	-0.1043	-0.04161	0.005812	0.047465	-0.04925	-0.04456	0.011457
0.119313	-0.07968	0.091843	0.066287	0.079173	0.047272	0.042222	0.000974	-0.07669
-0.0746	0.095699	0.075067	0.034636	-0.09123	-0.04043	0.046786	0.078671	0.033347
-0.09551	0.046942	-0.08821	-0.11842	-0.03102	-0.05106	-0.0365	-0.06954	0.075696
0.088519	-0.07751	-0.05629	0.022556	0.129173	0.040022	-0.05455	-0.04209	-0.10045

0.064134	-0.03747	0.074701	0.117745	-0.05055	0.059699	0.041027	0.119806	-0.00371
-0.08167	0.061519	0.05636	-0.06924	-0.08459	-0.05131	0.060702	-0.0582	0.104675
-0.04658	0.043484	-0.07256	-0.08539	0.06654	-0.05949	-0.05219	-0.06746	-0.07344
0.07282	-0.06109	-0.05755	0.077518	0.051114	0.061942	-0.05961	0.101234	-0.03949
0.038808	-0.04366	0.077909	0.072684	-0.0489	0.054297	0.060666	-0.01694	0.0813
-0.07245	0.060676	0.0509	-0.08952	-0.06949	-0.0667	0.058563	-0.05838	-0.01134
-0.02409	0.042586	-0.07579	-0.06489	0.082819	-0.05472	-0.06936	0.032341	-0.05394
0.066153	-0.05411	-0.05077	0.122065	0.05569	0.076562	-0.05973	0.0303	0.019152
0.008086	-0.05619	0.073818	0.018797	-0.13076	0.054845	0.085778	-0.01934	0.053523
-0.04694	0.061751	0.062151	-0.12458	0.026136	-0.09531	0.052932	-0.05022	-0.04246
-0.00877	0.072565	-0.08992	0.040129	0.096978	-0.0417	-0.10396	0.060983	-0.04948
0.033498	-0.09235	-0.06451	0.073203	-0.07868	0.10878	-0.03384	0.027542	0.09246
0.020263	-0.06543	0.116737	-0.05019	-0.01179	0.019967	0.111345	-0.10689	-0.01341
-0.03832	0.121905	0.044977	-0.02262	0.041051	-0.10823	0.013417	0.063783	-0.09379
-0.02033	0.037232	-0.13089	0.018279	-0.01573	-0.00499	-0.10878	0.059422	0.089998
0.045467	-0.1311	-0.01941	0.015085	0.005439	0.104369	-0.0003	-0.11367	0.020718
0.008314	-0.01198	0.130774	-0.00115	-0.01042	-0.00315	0.106738	0.038139	-0.09574
-0.04002	0.132288	0.00233	-0.01607	0.006342	-0.10609	-0.01127	0.063732	0.046513
-0.00258	-0.00782	-0.13279	0.000397	-0.00257	0.016102	-0.10547	-0.06821	0.04655
0.033469	-0.13746	0.016959	-0.00553	-0.00882	0.104555	0.026244	-0.00605	-0.05404
0.003437	0.038705	0.135164	0.029875	0.046947	-0.03199	0.096868	0.039372	-0.01994
-0.03748	0.130588	-0.04759	0.009506	-0.05761	-0.09263	-0.03636	0.009924	0.051897
0.007025	-0.07498	-0.11964	-0.08033	-0.02392	0.037324	-0.0837	-0.04882	0.013745
0.037482	-0.0984	0.072378	0.039646	0.114282	0.081868	0.035003	-0.00387	-0.07824
-0.02799	0.089804	0.088312	0.088558	-0.06453	-0.03286	0.078604	0.084719	0.032468
-0.01766	0.060921	-0.07422	-0.09726	-0.07915	-0.08377	-0.03121	-0.06835	0.075971
0.036986	-0.07933	-0.06497	-0.04645	0.107666	0.034153	-0.0834	-0.04656	-0.09943
-0.00934	-0.04226	0.065092	0.109545	0.014391	0.089986	0.035743	0.119356	-0.00292
-0.02777	0.067655	0.056906	0.011712	-0.08046	-0.04505	0.087181	-0.05426	0.102106
0.024409	0.034707	-0.06337	-0.09986	-0.00824	-0.08852	-0.04472	-0.06731	-0.07325
0.018159	-0.06386	-0.04795	-0.00271	0.074967	0.053682	-0.08627	0.096301	-0.03656
-0.03408	-0.02181	0.062523	0.110659	0.015938	0.085007	0.050672	-0.01421	0.079664
-0.01402	0.051909	0.03414	-0.02451	-0.11365	-0.05744	0.088396	-0.05516	-0.013
0.052605	0.01415	-0.04972	-0.11544	0.040088	-0.08907	-0.05887	0.02726	-0.0525
-0.00134	-0.03068	-0.03277	0.076725	0.103137	0.068787	-0.09392	0.031737	0.020235
-0.06948	-0.02854	0.037081	0.070416	-0.1057	0.092542	0.077225	-0.01648	0.052759
0.032116	0.025048	0.047302	-0.09541	-0.01747	-0.09049	0.091046	-0.054	-0.04426
0.065679	0.050555	-0.04413	-0.0072	0.084168	-0.08204	-0.0989	0.062241	-0.04789
-0.05701	-0.04446	-0.05562	0.057897	-0.03952	0.107655	-0.07534	0.029421	0.09402
-0.0486	-0.05334	0.063274	-0.01258	-0.01327	0.062791	0.111372	-0.10926	-0.01612
0.064255	0.066109	0.045575	-0.01817	0.015108	-0.11243	0.057267	0.063718	-0.09352
0.039286	0.039481	-0.07324	-0.0015	-0.00467	-0.049	-0.11576	0.061	0.091885
-0.06923	-0.07443	-0.03209	0.010297	0.007651	0.115434	-0.04379	-0.11312	0.019438
-0.03595	-0.02892	0.075217	-0.0004	-0.01279	0.038918	0.120969	0.035325	-0.09584
0.082285	0.082859	0.025097	0.0034	0.021851	-0.1231	0.028524	0.064014	0.046807
0.022283	0.018088	-0.08414	0.007674	-0.02265	-0.02155	-0.12479	-0.06366	0.046396
-0.0887	-0.09869	-0.01044	-0.04458	-0.02371	0.124746	-0.00832	-0.01015	-0.05347
-0.00337	0.011079	0.093569	0.027732	0.085312	0.001246	0.118443	0.036999	-0.02063
0.078927	0.100657	-0.0197	0.063059	-0.05325	-0.1141	-0.00657	0.016283	0.051989
-0.00053	-0.04988	-0.08299	-0.08933	-0.07159	0.00758	-0.10581	-0.05115	0.014102
-0.07074	-0.07447	0.045745	-0.02342	0.120061	0.103956	0.009212	-0.00783	-0.07868
-0.00855	0.06981	0.055082	0.112156	-0.0082	-0.00638	0.099994	0.088871	0.033255
0.079739	0.040035	-0.05074	-0.02833	-0.10007	-0.10531	-0.00855	-0.06768	0.075096
0.008889	-0.06715	-0.03261	-0.09071	0.045744	0.01013	-0.10259	-0.04933	-0.09981
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0.002888	0.062912	0.020333	0.077853	-0.02923	-0.02097	0.103851	-0.05171	0.100713
0.096094	0.001344	-0.04694	-0.0531	-0.07411	-0.10682	-0.02113	-0.06736	-0.07412
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-0.09883	0.024011	0.042373	0.087789	0.083219	0.104765	0.02393	-0.01122	0.079091
0.010724	0.041352	-0.01825	0.049351	-0.11096	-0.02903	0.107165	-0.05308	-0.01378
0.114385	-0.04086	-0.02084	-0.11071	-0.0158	-0.11238	-0.03003	0.021982	-0.05213
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0.056417	-0.0112	-0.00926	-0.04445	-0.03345	-0.06245	0.118909	-0.05875	-0.04551
0.122889	-0.0086	0.006808	-0.02019	0.05151	-0.11358	-0.07046	0.063375	-0.04723
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0.093254	-0.00027	0.000258	-0.00109	0.000674	-0.09	0.096248	0.062586	-0.09288
0.093254	0.000273	0.000258	0.001089	0.000674	-0.09	-0.09625	0.062586	0.092884
-0.10495	0.000373	-0.00014	0.00094	-0.0008	0.099467	-0.08595	-0.11147	0.017921
-0.08217	-0.00722	-0.00194	-0.02328	-0.01761	0.081217	0.108808	0.032253	-0.09512
0.122889	0.008603	0.006808	0.020185	0.05151	-0.11358	0.070464	0.063375	0.047233
0.056417	0.011203	-0.00926	0.044445	-0.03345	-0.06245	-0.11891	-0.05875	0.045508
-0.1288	-0.03072	-0.00232	-0.07663	-0.06073	0.119785	-0.04791	-0.01352	-0.053
-0.02536	0.008239	0.02333	-0.01335	0.111554	0.040066	0.1169	0.034273	-0.02063
0.114385	0.04086	-0.02084	0.110706	-0.0158	-0.11238	0.030031	0.021982	0.052131
0.010724	-0.04135	-0.01825	-0.04935	-0.11096	-0.02903	-0.10716	-0.05308	0.013785
-0.09883	-0.02401	0.042373	-0.08779	0.083219	0.104765	-0.02393	-0.01122	-0.07909
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0.096094	-0.00134	-0.04694	0.053102	-0.07411	-0.10682	0.021131	-0.06736	0.074116
0.002888	-0.06291	0.020333	-0.07785	-0.02923	-0.02097	-0.10385	-0.05171	-0.10071
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0.008889	0.067147	-0.03261	0.090711	0.045744	0.01013	0.102586	-0.04933	0.099808
0.079739	-0.04003	-0.05074	0.028332	-0.10007	-0.10531	0.008547	-0.06768	-0.0751
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0.078927	-0.10066	-0.0197	-0.06306	-0.05325	-0.1141	0.006571	0.016283	-0.05199
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0.022283	-0.01809	-0.08414	-0.00767	-0.02265	-0.02155	0.124789	-0.06366	-0.0464
0.082285	-0.08286	0.025097	-0.0034	0.021851	-0.1231	-0.02852	0.064014	-0.04681
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0.039286	-0.03948	-0.07324	0.001495	-0.00467	-0.049	0.115758	0.061	-0.09189
0.064255	-0.06611	0.045575	0.018165	0.015108	-0.11243	-0.05727	0.063718	0.093524
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0.065679	-0.05055	-0.04413	0.007196	0.084168	-0.08204	0.098905	0.062241	0.047894
0.032116	-0.02505	0.047302	0.09541	-0.01747	-0.09049	-0.09105	-0.054	0.044257
-0.06948	0.028541	0.037081	-0.07042	-0.1057	0.092542	-0.07723	-0.01648	-0.05276
-0.00134	0.030678	-0.03277	-0.07673	0.103137	0.068787	0.093917	0.031737	-0.02023
0.052605	-0.01415	-0.04972	0.115438	0.040088	-0.08907	0.058869	0.02726	0.052504
-0.01402	-0.05191	0.03414	0.024509	-0.11365	-0.05744	-0.0884	-0.05516	0.012997
-0.03408	0.021813	0.062523	-0.11066	0.015938	0.085007	-0.05067	-0.01421	-0.07966
0.018159	0.063856	-0.04795	0.002715	0.074967	0.053682	0.086272	0.096301	0.036563
0.024409	-0.03471	-0.06337	0.099863	-0.00824	-0.08852	0.044724	-0.06731	0.073247
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0.036986	0.079325	-0.06497	0.046448	0.107666	0.034153	0.083401	-0.04656	0.099433
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-0.02799	-0.0898	0.088312	-0.08856	-0.06453	-0.03286	-0.0786	0.084719	-0.03247
0.037482	0.098397	0.072378	-0.03965	0.114282	0.081868	-0.035	-0.00387	0.078243
0.007025	0.074977	-0.11964	0.080333	-0.02392	0.037324	0.083705	-0.04882	-0.01374
-0.03748	-0.13059	-0.04759	-0.00951	-0.05761	-0.09263	0.03636	0.009924	-0.0519
0.003437	-0.0387	0.135164	-0.02988	0.046947	-0.03199	-0.09687	0.039372	0.019943

0.033469	0.137457	0.016959	0.005532	-0.00882	0.104555	-0.02624	-0.00605	0.05404
-0.00258	0.007818	-0.13279	-0.0004	-0.00257	0.016102	0.105473	-0.06821	-0.04655
-0.04002	-0.13229	0.00233	0.016073	0.006342	-0.10609	0.011272	0.063732	-0.04651
0.008314	0.011977	0.130774	0.00115	-0.01042	-0.00315	-0.10674	0.038139	0.095736
0.045467	0.131103	-0.01941	-0.01509	0.005439	0.104369	0.000303	-0.11367	-0.02072
-0.02033	-0.03723	-0.13089	-0.01828	-0.01573	-0.00499	0.108784	0.059422	-0.09
-0.03832	-0.1219	0.044977	0.022625	0.041051	-0.10823	-0.01342	0.063783	0.093794
0.020263	0.065429	0.116737	0.050193	-0.01179	0.019967	-0.11135	-0.10689	0.013414
0.033498	0.092345	-0.06451	-0.0732	-0.07868	0.10878	0.033836	0.027542	-0.09246
-0.00877	-0.07257	-0.08992	-0.04013	0.096978	-0.0417	0.103962	0.060983	0.049479
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0.008086	0.056185	0.073818	-0.0188	-0.13076	0.054845	-0.08578	-0.01934	-0.05352
0.066153	0.054107	-0.05077	-0.12206	0.05569	0.076562	0.059734	0.0303	-0.01915
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-0.07245	-0.06068	0.0509	0.08952	-0.06949	-0.0667	-0.05856	-0.05838	0.011341
0.038808	0.043662	0.077909	-0.07268	-0.0489	0.054297	-0.06067	-0.01694	-0.0813
0.07282	0.061086	-0.05755	-0.07752	0.051114	0.061942	0.059612	0.101234	0.039492
-0.04658	-0.04348	-0.07256	0.085394	0.06654	-0.05949	0.052188	-0.06746	0.073444
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0.064134	0.037465	0.074701	-0.11774	-0.05055	0.059699	-0.04103	0.119806	0.003709
0.088519	0.077507	-0.05629	-0.02256	0.129173	0.040022	0.054548	-0.04209	0.100447
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-0.0746	-0.0957	0.075067	-0.03464	-0.09123	-0.04043	-0.04679	0.078671	-0.03335
0.119313	0.079683	0.091843	-0.06629	0.079173	0.047272	-0.04222	0.000974	0.076694
0.047677	0.089909	-0.1043	0.041605	0.005812	0.047465	0.049248	-0.04456	-0.01146
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0.124812	0.123093	0.049687	-0.01251	-0.00997	0.06676	-0.04191	-0.00053	0.053616
0.016691	0.0403	-0.12435	-0.0087	0.009541	0.035322	0.067846	-0.07065	-0.04423
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0.00507	-0.02068	0.130722	0.00992	0.002593	-0.02879	-0.07142	0.038877	0.092785
0.131266	0.138198	0.013462	0.005523	0.002707	0.070837	-0.02845	-0.11197	-0.02276
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-0.11287	-0.13443	0.018707	-0.00636	0.063663	-0.08009	0.018958	0.06135	0.094612
0.039705	0.049767	0.123874	0.090173	0.01633	-0.01222	-0.08728	-0.10632	0.00717
0.095162	0.104688	-0.04479	-0.04536	-0.11607	0.085514	0.000336	0.028353	-0.09124
-0.03399	-0.06618	-0.09525	-0.09517	0.073138	-0.00892	0.085311	0.061587	0.054983
-0.09397	-0.06985	0.048263	0.10278	0.07606	-0.07635	-0.01982	-0.0495	0.040778
0.035127	0.058202	0.074641	0.050977	-0.11331	0.022312	-0.07196	-0.0241	-0.05866
0.096884	0.053071	-0.0418	-0.11378	-0.00993	0.061775	0.028617	0.0324	-0.01783
-0.04623	-0.04973	-0.06815	-0.01608	0.083625	-0.02414	0.059154	0.039209	0.060193
-0.08936	-0.04566	0.042799	0.104087	0.004128	-0.05456	-0.031	-0.06559	0.009
0.05028	0.048115	0.059562	0.006528	-0.07752	0.026774	-0.05131	-0.02136	-0.08817
0.082481	0.032283	-0.04356	-0.11507	-0.01069	0.049522	0.035268	0.110605	0.043579
-0.04678	-0.03692	-0.0463	0.022137	0.114135	-0.03354	0.040939	-0.06596	0.079316
-0.08943	-0.02509	0.031863	0.118393	-0.04585	-0.037	-0.03703	-0.06725	-0.10893
0.05549	0.01647	0.046216	-0.07428	-0.09974	0.032579	-0.02732	0.118762	-0.00167
0.096334	0.040523	-0.02099	-0.07186	0.10811	0.024678	0.028976	-0.03168	0.103822
-0.07929	-0.01236	-0.06172	0.090875	0.012911	-0.02142	0.021521	-0.06971	-0.06876
-0.08428	-0.06298	0.030131	0.009627	-0.08193	-0.02536	-0.0181	0.065953	-0.03741
0.096707	0.033005	0.070306	-0.05214	0.040883	0.014857	-0.02718	0.005373	0.068068
0.061826	0.066132	-0.05073	0.007739	0.009855	0.033205	0.016629	-0.03302	-0.00509
-0.09885	-0.05531	-0.06085	0.013523	-0.01315	-0.02031	0.033125	-0.00521	-0.04218
-0.04718	-0.05369	0.06207	0.007406	0.006591	-0.03359	-0.02269	0.032181	0.009146
0.101289	0.065189	0.048638	-0.00697	-0.01045	0.026424	-0.03201	0.005778	0.045326
0.034547	0.04484	-0.06657	-0.0056	0.011237	0.028162	0.026331	-0.06439	-0.03568
-0.10967	-0.07679	-0.0423	-0.00649	-0.01782	-0.02583	0.030399	0.057819	-0.03585
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0.105825	0.095965	0.026851	0.046483	0.01655	0.028452	-0.0322	-0.10758	-0.03326
-0.02075	0.003888	-0.09083	-0.03652	-0.08334	0.030652	0.037899	0.069882	-0.07076
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0.032122	0.036194	0.082147	0.097255	0.064324	-0.02163	-0.04991	-0.11615	-0.0097
0.05711	0.076228	-0.03183	0.019245	-0.12486	0.048554	-0.01286	0.033783	-0.09868
-0.02836	-0.05756	-0.05637	-0.11718	0.017587	0.003623	0.052014	0.073328	0.072888
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0.028916	0.057613	0.035989	0.093763	-0.05373	0.007723	-0.04339	-0.04069	-0.07821
0.035189	0.024375	-0.03702	-0.04844	-0.05854	0.032433	0.012774	0.041993	-0.02486
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0.023105	0.057007	0.006562	0.080954	-0.05668	0.014817	-0.02866	-0.03866	-0.11399
0.001404	-0.02017	-0.03775	-0.09195	-0.07763	0.023194	0.024663	0.131019	0.040449
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-0.00322	0.007293	-0.02065	-0.01501	-0.1112	0.02132	-0.00071	0.104004	-0.03133
0.015356	-0.02834	0.004059	-0.07624	0.065689	-0.00539	0.018668	-0.00534	0.102165
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0.007067	-0.00637	0.002492	-0.02171	0.018707	-0.00097	0.004368	-0.00354	0.029104

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0.060224	0.00603	0.046017	-0.03993	0.061093	0.013183	-0.04413	0.038445	-0.05709
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0.125888	0.055253	0.11628	-0.0483	0.121216	0.059449	-0.10846	0.05419	-0.11883
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0.104771	0.083239	0.121358	-0.01723	0.113294	0.078994	-0.12051	0.041626	-0.12768
0.027967	-0.07203	-0.03988	-0.0829	0.008181	-0.09428	0.075775	0.075129	0.034402
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0.014577	0.048944	0.056594	0.01366	0.056619	0.054276	-0.08223	0.022799	-0.09653
0.057933	0.022995	0.024567	-0.03094	0.02364	-0.02737	0.030853	0.042536	0.020734
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0.045562	0.086429	0.063652	0.021994	0.030316	0.032409	-0.01453	0.010687	0.00012
0.051821	-0.0652	-0.02184	-0.0764	0.009116	-0.05636	0.036899	0.022711	0.028462
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0.02839	0.108263	0.088543	0.052069	0.044399	0.081404	-0.06558	-0.00957	-0.03627
0.077583	-0.0616	-0.00844	-0.11334	0.043791	-0.08522	0.046505	0.079178	0.010797
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0.015675	0.098712	0.09496	0.062475	0.054778	0.111408	-0.10727	-0.0211	-0.07453
0.07786	-0.03823	0.009669	-0.11535	0.066427	-0.08946	0.046347	0.114226	-0.00389
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0.014135	0.064864	0.050231	0.000334	0.052022	-0.00681	0.007874	0.079125	-0.01472
0.06406	-0.00755	-0.00793	-0.03628	-0.0309	-0.03677	0.062194	-0.04475	0.096599
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0.113705	0.027756	0.05007	-0.0697	0.038387	-0.03182	0.035184	0.009867	0.060686
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0.109435	0.047504	0.084204	-0.08033	0.092755	-0.02559	0.007874	0.066941	0.015861
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0.059038	0.045859	0.087317	-0.06318	0.116866	-0.01521	-0.01486	0.108486	-0.02607
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0.016498	0.084201	0.114255	0.01421	0.094779	0.046579	-0.01543	0.03784	0.045084
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0.037624	0.038259	0.001594	-0.07098	-0.00295	-0.11399	0.105201	0.034301	0.049086
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0.116221	0.00915	0.008339	-0.08988	-0.02181	-0.03573	0.000541	-0.08188	-0.00359
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0.029882	0.038328	0.056633	-0.09505	0.063071	-0.09088	0.053495	0.032775	0.00958
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0.004589	0.057492	0.10885	-0.04134	0.06711	-0.03221	0.044431	-0.04023	0.050909
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0.106071	-0.03091	-0.04538	-0.02734	-0.04251	0.081838	-0.10224	-0.04538	-0.01337
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0.085398	0.080663	0.006015	-0.04929	-0.08983	0.032652	-0.06537	-0.08337	-0.00574
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0.043179	0.071567	0.054492	-0.0831	-0.04879	-0.006	-0.06639	-0.10363	-0.03085
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0.042215	0.023723	-0.10454	-0.03092	-0.06061	0.013451	-0.05686	0.088304	-0.01983
0.02007	-0.05094	0.010398	0.104253	0.043246	0.066977	0.083879	-0.00255	0.098767
-0.07386	-0.01327	0.079373	-0.05992	0.049318	-0.08181	-0.01624	-0.05803	-0.0785
0.024062	0.088917	-0.06089	-0.02976	-0.10675	-0.00795	-0.04812	0.03823	-0.03324

0.079732	-0.06127	-0.02271	0.053958	0.045692	0.105691	0.031326	0.010123	0.118691
-0.0998	-0.05383	0.051236	-0.00655	0.075311	-0.09236	0.027569	-0.01205	-0.0828
-0.00224	0.117699	0.005427	-0.02262	-0.11883	-0.02315	-0.03422	-0.02588	-0.03574
0.105384	-0.04789	-0.05199	-0.01429	0.03552	0.110068	-0.02756	0.029897	0.108739
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-0.02734	0.098014	0.070371	-0.01341	-0.09194	-0.03178	-0.01963	-0.08454	-0.03221
0.087057	-0.01437	-0.06706	-0.07464	0.011637	0.080296	-0.07597	0.050213	0.073064
-0.03316	-0.06052	-0.0333	0.096235	0.054803	-0.02987	0.09796	0.055836	-0.02778
-0.04251	0.037886	0.11016	-0.00435	-0.03449	-0.03536	-0.00629	-0.11941	-0.02852
0.033212	0.027209	-0.06097	-0.10522	-0.02163	0.027656	-0.10113	0.061626	0.022779
0.033212	-0.02721	-0.06097	0.10522	0.02163	0.027656	0.101127	0.061626	0.022779
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-0.03316	0.060516	-0.0333	-0.09624	-0.0548	-0.02987	-0.09796	0.055836	-0.02778
0.087057	0.01437	-0.06706	0.074641	-0.01164	0.080296	0.075965	0.050213	0.073064
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-0.08442	0.071373	0.008585	-0.05307	-0.07599	-0.07403	-0.07001	0.029771	-0.06559
0.105384	0.047889	-0.05199	0.014294	-0.03552	0.110068	0.027558	0.029897	0.108739
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-0.0998	0.053828	0.051236	0.006546	-0.07531	-0.09236	-0.02757	-0.01205	-0.0828
0.079732	0.061268	-0.02271	-0.05396	-0.04569	0.105691	-0.03133	0.010123	0.118691
0.024062	-0.08892	-0.06089	0.029763	0.106747	-0.00795	0.048121	0.03823	-0.03324
-0.07386	0.013272	0.079373	0.059915	-0.04932	-0.08181	0.016236	-0.05803	-0.0785
0.02007	0.050942	0.010398	-0.10425	-0.04325	0.066977	-0.08388	-0.00255	0.098767
0.042215	-0.02372	-0.10454	0.030922	0.060614	0.013451	0.056862	0.088304	-0.01983
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0.045466	0.050834	-0.11006	0.022504	-0.00331	0.037316	0.055008	0.11017	0.005596
0.043179	-0.07157	0.054492	0.083096	0.04879	-0.006	0.06639	-0.10363	-0.03085
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0.032093	0.104022	-0.07619	0.003803	-0.06342	0.056764	0.038713	0.09931	0.038874
0.085398	-0.08066	0.006015	0.049286	0.089834	0.032652	0.065367	-0.08337	-0.00574
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0.091614	-0.05703	-0.04779	0.001431	0.104308	0.05668	0.051159	-0.03574	0.011257
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0.060329	-0.00873	-0.08753	-0.04211	0.084919	0.06197	0.030642	0.026189	0.01899
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0.005446	0.045413	-0.09771	-0.0665	0.035851	0.050901	0.010156	0.083678	0.020633
0.06501	-0.02124	-0.0117	0.122078	0.02687	-0.04004	0.08249	-0.04057	-0.09859
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0.108001	0.007061	-0.03274	0.091864	0.037027	0.025838	0.107342	-0.04979	-0.06094
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0.106071	0.030911	-0.04538	0.027339	0.042512	0.081838	0.102239	-0.04538	-0.01337
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0.059652	0.042632	-0.04664	-0.04717	0.038678	0.110373	0.070792	-0.02356	0.03063
0.024562	-0.06433	-0.03314	0.056552	0.08192	-0.09093	-0.02161	-0.03402	-0.0844
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0.050256	0.004037	-0.07757	0.077673	0.070521	-0.06344	0.034972	-0.00757	-0.11609
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0.042001	0.105693	-0.07581	0.037168	0.00371	0.045696	0.113794	0.019399	-0.09249
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0.008804	0.098047	-0.03413	-0.01475	-0.02771	0.093257	0.111497	0.018807	-0.04286
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0.116221	-0.00915	0.008339	0.089875	0.021811	-0.03573	-0.00054	-0.08188	-0.00359
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0.028972	0.032518	-0.06069	-0.03045	0.098483	0.040762	0.031706	-0.11717	-0.01365
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0.06961	0.015629	0.084519	-0.08288	-0.06278	-0.06013	-0.09885	0.02032	-0.11717
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-0.02268	0.056061	-0.05294	0.083103	-0.03503	0.106133	0.000384	-0.11213	0.037234
0.024615	0.007525	0.046926	-0.06134	-0.03942	-0.05746	-0.07619	0.032099	-0.10396
0.015281	-0.0361	0.009255	-0.01454	0.053566	-0.03573	0.065368	0.06786	0.065354
-0.02674	0.01105	-0.03413	0.052951	-0.01168	0.075872	0.003427	-0.09224	0.027858
-0.02191	0.013483	-0.00442	-0.01959	-0.01893	-0.03503	-0.04529	0.030804	-0.07595
0.068696	0.008287	0.044383	-0.02614	0.00165	-0.02394	0.023647	0.041921	0.041354
-0.03448	-0.04476	-0.01557	0.016787	0.024397	0.032952	0.015594	-0.05602	0.02154
-0.0614	0.028195	-0.05688	0.031302	-0.0049	0.001185	-0.01376	0.016633	-0.04062
0.108239	0.045021	0.076488	-0.04207	-0.04793	-0.01812	-0.02318	0.018051	0.007809
-0.03851	-0.09325	-0.00116	-0.01479	0.063213	-0.01042	0.03566	-0.01254	0.022786
-0.0807	0.045382	-0.09326	0.076511	-0.00202	0.042738	0.008615	-0.00928	-0.00788
0.11989	0.063649	0.096579	-0.06	-0.08278	-0.02233	-0.06575	0.003926	-0.03078
-0.03677	-0.12065	0.004897	-0.03324	0.09617	-0.04394	0.061343	0.029608	0.034232
-0.07678	0.059121	-0.10661	0.107465	-0.00934	0.082492	0.018368	-0.04368	0.016835
0.10212	0.062525	0.10013	-0.07563	-0.0976	-0.03552	-0.09727	0.002437	-0.06894
-0.02548	-0.12115	0.006429	-0.03873	0.114428	-0.06311	0.085538	0.063353	0.052708
-0.05736	0.061328	-0.09838	0.119258	-0.01978	0.11222	0.017467	-0.0794	0.031007
0.059877	0.048147	0.083034	-0.08095	-0.09222	-0.05111	-0.11199	0.011822	-0.09918
-0.00111	-0.09486	0.010471	-0.03587	0.110846	-0.06705	0.099648	0.083011	0.072252
-0.0323	0.045428	-0.07309	0.109451	-0.02509	0.124261	0.010145	-0.10784	0.033873
0.002826	0.029451	0.045441	-0.06977	-0.07077	-0.06141	-0.10764	0.027527	-0.1155
0.033394	-0.04816	0.020798	-0.02992	0.08408	-0.05809	0.097831	0.086139	0.086847
-0.00931	0.011432	-0.03812	0.080778	-0.01932	0.115388	0.002177	-0.1221	0.027726
-0.05433	0.014474	-0.00518	-0.04139	-0.04139	-0.06027	-0.08718	0.043105	-0.11564
0.068465	0.006634	0.037152	-0.02629	0.03951	-0.04214	0.078214	0.074724	0.091119
0.006385	-0.03354	-0.0032	0.041248	-0.00011	0.087862	-0.00014	-0.11848	0.017732
-0.09604	0.008578	-0.0568	-5.04E-05	-0.01376	-0.04416	-0.05733	0.051529	-0.10091
0.092639	0.055131	0.056273	-0.02914	-0.01289	-0.0268	0.042936	0.054287	0.081415
0.013292	-0.07802	0.023389	0.000815	0.03026	0.048092	0.007568	-0.09707	0.009895
-0.11201	0.012458	-0.09729	0.046408	0.004599	-0.01344	-0.02616	0.047366	-0.07546
0.096629	0.085891	0.072166	-0.03907	-0.06139	-0.0184	-0.00195	0.032046	0.057266
0.01451	-0.10947	0.037903	-0.0319	0.064821	0.004856	0.025884	-0.0619	0.009123
-0.10024	0.021551	-0.11743	0.088017	0.010579	0.027077	-0.00094	0.028546	-0.04552
0.075983	0.093595	0.077456	-0.05249	-0.09539	-0.02006	-0.04766	0.015039	0.021792
0.015724	-0.11783	0.041423	-0.0515	0.09379	-0.03275	0.051383	-0.02014	0.018022
-0.06645	0.028085	-0.11295	0.115124	0.006008	0.069178	0.013587	-0.00302	-0.01784
0.033155	0.079847	0.06641	-0.06313	-0.10828	-0.03087	-0.08505	0.008316	-0.01912
0.021591	-0.09888	0.038312	-0.0569	0.107722	-0.05769	0.07763	0.019787	0.036166
-0.02172	0.02461	-0.08586	0.121325	-0.00334	0.103547	0.016502	-0.04185	0.0021
-0.02214	0.052085	0.037694	-0.06432	-0.09924	-0.04626	-0.10703	0.013536	-0.05822
0.033124	-0.0561	0.034136	-0.05129	0.10053	-0.06688	0.096898	0.05032	0.060032
0.021086	0.007221	-0.04389	0.105355	-0.00986	0.122254	0.01082	-0.08017	0.011498
-0.07544	0.020809	-0.00461	-0.05131	-0.0732	-0.05931	-0.11035	0.0285	-0.08858
0.047011	0.000183	0.033321	-0.04071	0.071492	-0.06176	0.102345	0.066577	0.083831

0.051372	-0.02253	0.002045	0.071321	-0.00701	0.120839	0.002306	-0.10982	0.010777
-0.11201	-0.00416	-0.05176	-0.02316	-0.039	-0.06294	-0.09621	0.047792	-0.10522
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0.063973	-0.05754	0.041168	0.02746	0.008194	0.099536	-0.0025	-0.12428	0.003332
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0.054938	0.09698	0.043271	-0.02857	-0.02681	-0.03138	0.060578	0.055809	0.106138
0.060059	-0.08717	0.065872	-0.01616	0.033838	0.06325	0.001562	-0.12035	-0.00549
-0.10093	-0.01748	-0.11633	0.059522	0.016088	-0.02617	-0.03884	0.071102	-0.09343
0.037042	0.114146	0.046377	-0.03251	-0.07434	-0.02019	0.01853	0.037492	0.096051
0.045653	-0.10067	0.07349	-0.05045	0.063434	0.020218	0.01654	-0.09897	-0.00995
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0.003568	0.104777	0.040768	-0.04061	-0.10622	-0.01838	-0.02803	0.019738	0.071076
0.028643	-0.09097	0.066466	-0.06968	0.087816	-0.02022	0.04054	-0.06495	-0.0056
0.000748	-0.00367	-0.09207	0.118041	0.022172	0.054503	0.007307	0.040501	-0.04607
-0.03886	0.073738	0.022746	-0.04727	-0.11597	-0.02653	-0.06985	0.009111	0.034899
0.015475	-0.05745	0.050863	-0.07282	0.098003	-0.05009	0.068098	-0.02574	0.009406
0.054171	-0.00407	-0.04881	0.118511	0.01252	0.092728	0.014184	0.004822	-0.02422
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0.008768	-0.00667	0.033806	-0.06331	0.088146	-0.06483	0.091654	0.010396	0.033698
0.090651	-0.01517	0.002995	0.097095	0.003897	0.117776	0.011083	-0.0372	-0.01042
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0.006708	0.049266	0.020797	-0.04756	0.057639	-0.06433	0.103696	0.036521	0.062895
0.102349	-0.03514	0.051167	0.058383	0.003116	0.123754	0.002904	-0.07735	-0.0066
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0.004444	0.096059	0.013888	-0.03254	0.011669	-0.05261	0.098978	0.04867	0.090678
0.089065	-0.05722	0.085102	0.011081	0.013628	0.109198	-0.00386	-0.10753	-0.01147
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-0.00319	0.121522	0.011297	-0.02341	-0.03998	-0.03642	0.076144	0.046765	0.110366
0.057617	-0.07203	0.098629	-0.03439	0.03412	0.077472	-0.00328	-0.12175	-0.02093
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0.019016	-0.07103	0.091399	-0.06872	0.058731	0.03586	0.008019	-0.11758	-0.02937
0.026199	-0.03627	-0.08931	0.100548	0.040786	-0.00294	-0.0223	0.088711	-0.08101
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0.079656	-0.02175	-0.04992	0.116386	0.038237	0.039203	-0.00034	0.078488	-0.06233
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0.113727	-0.01336	0.001716	0.11129	0.027274	0.080178	0.0106	0.052155	-0.04231
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0.119463	-0.01473	0.053762	0.085029	0.015642	0.110821	0.010653	0.013516	-0.0268
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0.096027	-0.02423	0.094124	0.042646	0.010512	0.124015	0.003624	-0.03046	-0.01975
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0.050779	-0.03565	0.113809	-0.0068	0.015882	0.11663	-0.00436	-0.07133	-0.02213
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0.081424	0.007111	0.093083	0.069912	0.02484	0.101599	0.009312	0.062693	-0.03422
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0.029773	0.003665	0.117379	0.02509	0.014832	0.121617	0.004197	0.022321	-0.02531
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0.026748	0.003547	-0.03374	0.010541	-0.12185	-0.02015	0.033322	0.002991	0.113242
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0.081917	0.009078	0.044519	0.09995	0.067221	0.008344	-0.01908	0.110236	-0.05258
0.025398	-0.05306	-0.02758	0.008141	-0.11978	-0.01844	-0.01311	-0.01166	0.122046
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0.051318	0.032741	0.083605	0.085608	0.050897	0.051343	-0.00055	0.114692	-0.04385
0.023937	-0.09823	-0.02625	0.007705	-0.09438	-0.02673	-0.05677	-0.02495	0.114462
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0.003202	0.040777	0.109359	0.052677	0.031086	0.090376	0.006891	0.101195	-0.03173
0.026666	-0.12061	-0.02659	0.014038	-0.05169	-0.0417	-0.08917	-0.0302	0.09253
0.004289	0.083456	-0.0888	-0.04107	0.01529	-0.06261	0.090296	-0.05354	-0.05812
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0.034152	-0.11519	-0.02348	0.02887	-0.00198	-0.05706	-0.1047	-0.02293	0.061285
0.045627	0.079237	-0.08248	-0.009	-0.02518	-0.06288	0.106502	-0.0274	-0.03041
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0.042752	-0.08466	-0.01223	0.049934	0.043166	-0.06546	-0.102	-0.00219	0.027471
0.06989	0.053159	-0.06282	0.014895	-0.06836	-0.05182	0.106273	-0.00827	0.006565
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0.046102	-0.0384	0.009054	0.071437	0.074146	-0.06088	-0.08407	0.029096	-0.00214
0.074098	0.008991	-0.03775	0.027343	-0.10336	-0.03608	0.087467	-0.00051	0.046513
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0.03799	0.010627	0.038069	0.085805	0.085851	-0.04063	-0.05734	0.06473	-0.02245
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0.015479	0.049888	0.068432	0.086155	0.078837	-0.00641	-0.02964	0.096777	-0.03117
0.040328	-0.09035	0.000796	0.02554	-0.11448	-0.01784	0.007558	-0.01813	0.10693
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0.018738	-0.11922	0.008568	0.02183	-0.08552	-0.02301	-0.03832	-0.03448	0.116638
0.032265	0.049376	-0.10819	-0.06903	0.029469	-0.03749	0.051457	-0.08303	-0.09211
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0.003185	-0.12152	0.011297	0.023415	-0.03998	-0.03642	-0.07614	-0.04677	0.110366
0.0803	0.05251	-0.10394	-0.03041	0.003294	-0.05839	0.080947	-0.06545	-0.09071
-0.08907	0.057222	0.085102	-0.01108	0.013628	0.109198	0.00386	0.107533	-0.01147
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0.106053	0.039611	-0.08003	0.005979	-0.0335	-0.06373	0.102755	-0.04261	-0.07459
-0.10235	0.035142	0.051167	-0.05838	0.003116	0.123754	-0.0029	0.077348	-0.0066
-0.00671	-0.04927	0.020797	0.047556	0.057639	-0.06433	-0.1037	-0.03652	0.062895
0.104617	0.009843	-0.04452	0.032696	-0.0724	-0.05604	0.109967	-0.02196	-0.04495

-0.09065	0.015173	0.002995	-0.0971	0.003897	0.117776	-0.01108	0.037196	-0.01042
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0.079061	-0.03141	-0.00736	0.046159	-0.10297	-0.04121	0.098809	-0.0097	-0.00622
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0.038864	-0.07374	0.022746	0.04727	-0.11597	-0.02653	0.06985	-0.00911	0.034899
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0.056062	0.010497	-0.11643	-0.09644	0.025225	0.011813	0.011164	-0.06355	-0.07125
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0.10093	0.017485	-0.11633	-0.05952	0.016088	-0.02617	0.038843	-0.0711	-0.09343
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0.121456	0.016999	-0.09253	-0.01638	-0.00657	-0.05223	0.069819	-0.06428	-0.10629
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0.11201	0.004162	-0.05176	0.023155	-0.039	-0.06294	0.096208	-0.04779	-0.10522
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0.07544	-0.02081	-0.00461	0.051308	-0.0732	-0.05931	0.110352	-0.0285	-0.08858
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0.022141	-0.05209	0.037694	0.064324	-0.09924	-0.04626	0.107035	-0.01354	-0.05822
0.02172	-0.02461	-0.08586	-0.12132	-0.00334	0.103547	-0.0165	0.041847	0.0021
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0.066453	-0.02809	-0.11295	-0.11512	0.006008	0.069178	-0.01359	0.003016	-0.01784
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0.100239	-0.02155	-0.11743	-0.08802	0.010579	0.027077	0.00094	-0.02855	-0.04552
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0.112011	-0.01246	-0.09729	-0.04641	0.004599	-0.01344	0.02616	-0.04737	-0.07546
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0.032301	-0.04543	-0.07309	-0.10945	-0.02509	0.124261	-0.01015	0.10784	0.033873
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0.057359	-0.06133	-0.09838	-0.11926	-0.01978	0.11222	-0.01747	0.0794	0.031007
0.025482	0.121148	0.006429	0.038733	0.114428	-0.06311	-0.08554	-0.06335	0.052708
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0.076776	-0.05912	-0.10661	-0.10746	-0.00934	0.082492	-0.01837	0.043679	0.016835
0.036766	0.120653	0.004897	0.033245	0.09617	-0.04394	-0.06134	-0.02961	0.034232
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0.09574	-0.07622	0.054045	-0.04154	-0.03498	0.00017	0.110201	-0.0221	-0.11324
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0.026273	0.120622	0.020116	0.091589	0.011687	0.005897	-0.01917	0.098514	0.027777
0.086064	-0.08669	0.069067	-0.06567	-0.00688	0.011582	0.091099	-0.03261	-0.11482
-0.11282	-0.02374	-0.10158	-0.03042	-0.01353	-0.00321	-0.0762	-0.05421	0.099294
0.033608	0.104171	0.035671	0.108341	0.013781	-0.02391	-0.00245	0.082533	0.007026
0.068572	-0.08399	0.072603	-0.08843	0.016188	0.031254	0.067619	-0.03517	-0.10832
-0.09571	-0.00691	-0.11861	-0.01772	-0.04267	0.002996	-0.06443	-0.03442	0.112193
0.032146	0.076682	0.052894	0.112406	0.025322	-0.0503	0.007349	0.060778	-0.01503
0.048618	-0.06667	0.06563	-0.10457	0.030909	0.056053	0.043362	-0.02894	-0.09461
-0.06746	0.002701	-0.12427	-0.00031	-0.07085	-0.00069	-0.04481	-0.0196	0.117729
0.019644	0.04422	0.06678	0.103904	0.044114	-0.06947	0.008359	0.036329	-0.03542
0.031713	-0.03654	0.051241	-0.10998	0.035546	0.081837	0.022031	-0.01446	-0.07556
-0.03285	0.001198	-0.11749	0.016546	-0.09374	-0.01294	-0.02001	-0.01217	0.11515
-0.00344	0.013619	0.072887	0.085385	0.06654	-0.07893	0.000113	0.012677	-0.05137
0.022201	0.001658	0.033974	-0.10262	0.030243	0.104204	0.006847	0.006402	-0.05373
0.002129	-0.01237	-0.09956	0.02772	-0.10792	-0.03082	0.006509	-0.01333	0.104792
-0.03396	-0.0091	0.068295	0.061288	0.088223	-0.07792	-0.01637	-0.00683	-0.06075
0.022227	0.041313	0.018832	-0.08294	0.016999	0.119288	3.63E-05	0.030788	-0.03205
0.031623	-0.03577	-0.07387	0.029291	-0.11149	-0.0503	0.031004	-0.02296	0.088033
-0.06679	-0.0201	0.052244	0.037007	0.104834	-0.06755	-0.03875	-0.01949	-0.06225
0.031238	0.075409	0.010213	-0.05378	-0.00071	0.124466	0.002483	0.055268	-0.01345
0.051226	-0.06407	-0.04521	0.019397	-0.10444	-0.06701	0.05006	-0.03956	0.067111
-0.09592	-0.01859	0.026322	0.017764	0.112889	-0.05062	-0.06375	-0.02371	-0.05567
0.046124	0.09811	0.010966	-0.01984	-0.01859	0.118828	0.013587	0.076394	-0.00042
0.058934	-0.09078	-0.01878	-0.00135	-0.08862	-0.07705	0.061122	-0.06052	0.044822
-0.11585	-0.00696	-0.00583	0.007526	0.110391	-0.03107	-0.08763	-0.01921	-0.04187
0.061987	0.106062	0.02178	0.013308	-0.0323	0.103346	0.031358	0.091231	0.005273
0.055536	-0.10937	0.000909	-0.02996	-0.06743	-0.07768	0.062903	-0.08254	0.024144
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0.07333	0.099119	0.041022	0.040337	-0.03827	0.080699	0.052733	0.097824	0.002855
0.044351	-0.11482	0.010917	-0.0617	-0.04514	-0.06785	0.055581	-0.10212	0.00784
-0.1157	0.025618	-0.06871	0.01912	0.075069	-0.00118	-0.11855	0.010285	-0.00062
0.07541	0.080325	0.06507	0.057241	-0.03437	0.054781	0.074063	0.095501	-0.00736
0.030364	-0.10481	0.010514	-0.09101	-0.02616	-0.04836	0.040775	-0.11612	-0.00191
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0.065416	0.055156	0.08906	0.06215	-0.02031	0.03	0.091688	0.08498	-0.02401
0.018985	-0.08028	0.001284	-0.11265	-0.0142	-0.02177	0.021288	-0.12227	-0.00382
-0.06845	0.031416	-0.0993	0.058485	0.018232	-0.00421	-0.11417	0.048001	0.04026
0.043203	0.030205	0.107909	0.055686	0.002318	0.010478	0.102517	0.068252	-0.04488
0.014708	-0.0453	-0.01322	-0.12282	-0.01158	0.008074	0.000657	-0.11951	0.002366
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0.011401	0.011607	0.117371	0.04081	0.030306	-0.0007	0.104523	0.048272	-0.06718
0.019999	-0.00611	-0.02827	-0.11988	-0.01881	0.036765	-0.0174	-0.10816	0.015807
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0.034669	0.030255	-0.03895	-0.10471	-0.03451	0.060085	-0.02959	-0.08988	0.034688
0.007892	-0.04555	-0.0657	0.087123	-0.03607	-0.06849	-0.05528	0.065571	0.057738

-0.06032	0.007523	0.100373	0.005139	0.08516	0.006092	0.080959	0.012319	-0.10435
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0.078827	0.071686	-0.03285	-0.05219	-0.07812	0.079183	-0.02818	-0.04403	0.07822
0.014852	-0.10751	-0.02808	0.049767	-0.02532	-0.11253	-0.01701	0.036067	0.031605
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0.005845	-0.12298	-0.01838	0.017528	-0.00918	-0.1231	-0.00795	0.012607	0.011031
-0.10759	0.059878	0.013543	0.004692	0.109682	0.059474	0.007305	0.008273	-0.11032
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0.104726	0.041047	0.045123	0.005935	-0.11207	0.040767	0.032634	-0.00106	0.116337
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0.088318	0.021532	0.075766	0.005378	-0.1036	0.021543	0.058419	-0.00258	0.114259
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0.060317	0.007523	0.100373	-0.00514	-0.08516	0.006092	0.080959	-0.01232	0.104348
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0.02512	0.003599	0.114939	-0.02218	-0.05942	-0.00204	0.097058	-0.02849	0.087924
0.011151	-0.01161	-0.08459	-0.08759	0.026649	-0.04262	-0.07832	-0.06788	-0.05975
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0.038163	0.015569	-0.09703	-0.07687	0.007706	-0.01996	-0.09908	-0.06154	-0.05366
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0.068455	0.031416	-0.0993	-0.05848	-0.01823	-0.00421	-0.11417	-0.048	-0.04026
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-0.06542	0.055156	0.08906	-0.06215	0.020311	0.03	0.091688	-0.08498	0.024014
0.096185	0.034249	-0.08967	-0.03744	-0.04732	0.002251	-0.12107	-0.02982	-0.02133
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0.115697	0.025618	-0.06871	-0.01912	-0.07507	-0.00118	-0.11855	-0.01029	0.000623
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0.122824	0.009867	-0.03927	-0.00817	-0.0972	-0.01325	-0.10685	0.007108	0.022666
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0.11585	-0.00696	-0.00583	-0.00753	-0.11039	-0.03107	-0.08763	0.019209	0.041867
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0.095923	-0.01859	0.026322	-0.01776	-0.11289	-0.05062	-0.06375	0.023705	0.055672
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0.066793	-0.0201	0.052244	-0.03701	-0.10483	-0.06755	-0.03875	0.019488	0.062252
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0.033964	-0.0091	0.068295	-0.06129	-0.08822	-0.07792	-0.01637	0.006825	0.060745
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0.003438	0.013619	0.072887	-0.08539	-0.06654	-0.07893	0.000113	-0.01268	0.051374
0.03285	0.001198	-0.11749	-0.01655	0.093744	-0.01294	-0.02001	0.012165	-0.11515
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0.067462	0.002701	-0.12427	0.000314	0.070853	-0.00069	-0.04481	0.019604	-0.11773

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0.095714	-0.00691	-0.11861	0.017722	0.042671	0.002996	-0.06443	0.034422	-0.11219
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0.112816	-0.02374	-0.10158	0.030418	0.013534	-0.00321	-0.0762	0.054211	-0.09929
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0.116249	-0.04195	-0.0764	0.034136	-0.0121	-0.01875	-0.07873	0.075767	-0.08077
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0.10631	-0.05514	-0.04778	0.02652	-0.03046	-0.04133	-0.07204	0.095587	-0.05912
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0.086013	-0.05797	-0.02092	0.007639	-0.03916	-0.06725	-0.05763	0.110423	-0.03724
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0.001467	0.080564	0.020423	0.002144	-0.05658	0.07334	-0.07844	-0.09629	-0.05722
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0.035135	-0.02365	0.010547	-0.05195	-0.0271	-0.11184	-0.01728	0.116366	-0.00425
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0.020804	-0.00949	-0.0883	0.035385	0.110462	0.059882	0.08173	-0.05469	0.023808
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0.005192	0.047982	0.002568	-0.10696	0.007704	-0.12332	0.014585	0.08863	0.001037
0.054121	-0.02296	-0.09903	0.056769	0.09732	0.074098	0.05803	-0.05415	0.006815
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0.004886	0.083108	-0.01164	-0.12039	0.023523	-0.11318	0.019687	0.066246	-0.00825
0.078282	-0.04419	-0.0978	0.076624	0.077345	0.08022	0.03543	-0.04482	-0.00386
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0.012863	0.108914	-0.02685	-0.12089	0.032865	-0.0942	0.015561	0.042306	-0.0242
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0.025058	0.120712	-0.03811	-0.10877	0.032973	-0.06971	0.002485	0.020327	-0.04467
0.089058	-0.08624	-0.06768	0.092249	0.03349	0.061879	0.006922	-0.00505	-0.00159
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0.036241	0.116733	-0.04128	-0.08676	0.022822	-0.0439	-0.01783	0.003479	-0.06695
0.077382	-0.09468	-0.04707	0.082193	0.018101	0.038803	0.005356	0.020062	0.01102
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0.059584	-0.08911	-0.02939	0.060282	0.011336	0.010236	0.012899	0.044101	0.029325
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0.036396	0.070789	-0.01592	-0.03228	-0.02282	-0.00518	-0.06788	-0.00661	-0.1051
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0.019867	0.039651	0.010918	-0.01058	-0.05186	0.001462	-0.0904	0.001216	-0.1159
0.027614	-0.03624	-0.01806	-0.0054	0.026974	-0.04637	0.048936	0.076259	0.072841
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0.021888	0.003085	-0.02669	-0.03889	0.045996	-0.06631	0.071268	0.080378	0.092125
0.005681	-0.01432	-0.03186	0.044463	0.041128	0.07958	0.034543	-0.10791	0.019089
-0.03887	-0.00715	0.073063	0.003524	-0.10042	-0.0134	-0.11447	0.03466	-0.11397
0.025988	0.042031	-0.04307	-0.06529	0.067932	-0.07648	0.091557	0.075588	0.106097
0.031586	-0.0409	-0.04085	0.073301	0.034241	0.102233	0.016892	-0.12007	-0.003
-0.072	-0.01357	0.098174	-0.00567	-0.11236	-0.03123	-0.11255	0.054528	-0.10131
0.039219	0.074219	-0.06403	-0.08082	0.088977	-0.07586	0.106812	0.062808	0.113153

0.047338	-0.07148	-0.0392	0.09973	0.019751	0.118242	-0.00386	-0.12414	-0.02414
-0.10099	-0.00827	0.1146	-0.02244	-0.1143	-0.05137	-0.10217	0.072344	-0.08319
0.056203	0.094935	-0.08364	-0.08469	0.104416	-0.06635	0.114287	0.045175	0.112399
0.05307	-0.0984	-0.03031	0.118351	0.002469	0.125052	-0.02314	-0.11993	-0.04093
-0.11853	0.004796	0.118638	-0.04083	-0.10581	-0.06818	-0.085	0.0839	-0.06208
0.070007	0.100198	-0.09522	-0.07723	0.109388	-0.05083	0.111399	0.026387	0.103111
0.047307	-0.11423	-0.01605	0.123773	-0.01433	0.119816	-0.03776	-0.10663	-0.05105
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0.079548	0.089251	-0.09783	-0.05918	0.103799	-0.03063	0.098911	0.007658	0.086553
0.031148	-0.11719	0.001921	0.115647	-0.0293	0.103293	-0.04719	-0.08552	-0.05476
-0.10933	0.03922	0.08892	-0.06684	-0.06351	-0.08013	-0.03891	0.081911	-0.01914
0.084228	0.069579	-0.09377	-0.03694	0.091796	-0.01019	0.08162	-0.00865	0.067226
0.01835	-0.10809	0.012782	0.099501	-0.03549	0.083029	-0.04801	-0.06423	-0.0512
-0.09564	0.045014	0.071422	-0.06692	-0.04544	-0.07447	-0.02285	0.072036	-0.00645
0.07011	0.050117	-0.07482	-0.02195	0.070126	-0.00047	0.059661	-0.01344	0.047038
0.020225	-0.08129	0.005407	0.075002	-0.02378	0.062029	-0.03374	-0.04729	-0.0363
-0.06645	0.031841	0.048217	-0.04703	-0.02925	-0.05158	-0.01328	0.049088	-0.0021
0.030195	0.027149	-0.03385	-0.01357	0.032565	-0.00283	0.028115	-0.00435	0.022354
0.017627	-0.03641	-0.00457	0.035962	-0.00552	0.031253	-0.01168	-0.02489	-0.01415
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0.018459	-0.01381	-0.0128	-0.01159	-0.00824	0.00478	0.008224	0.002163	0.004244
0.008261	0.016577	-0.00949	0.011427	-0.00869	0.006498	-0.00706	0.003449	-0.00335
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0.033548	-0.03348	-0.02215	-0.02721	-0.0135	0.007399	0.018966	0.003197	0.009693
0.020593	0.034719	-0.0223	0.023872	-0.01992	0.01471	-0.01474	0.007762	-0.00699
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0.0464	-0.0473	-0.03127	-0.03863	-0.01949	0.010918	0.027045	0.004802	0.013867
0.019703	0.051742	-0.02394	0.036955	-0.02267	0.017307	-0.02354	0.009299	-0.0114
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0.066239	-0.05338	-0.04801	-0.04523	-0.03227	0.019421	0.032458	0.009022	0.016882
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0.088317	-0.054	-0.06819	-0.04815	-0.04859	0.030741	0.035675	0.014784	0.018892
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0.106024	-0.04855	-0.08668	-0.04619	-0.06487	0.042661	0.035589	0.021044	0.019254
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0.118069	-0.03625	-0.10248	-0.03843	-0.08046	0.054858	0.031419	0.027677	0.017529
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0.124043	-0.01841	-0.11468	-0.02542	-0.09447	0.066667	0.023277	0.034346	0.013694
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0.122661	0.002896	-0.12142	-0.00814	-0.1051	0.076758	0.011493	0.040359	0.007803
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0.113732	0.025661	-0.12161	0.012342	-0.11103	0.084039	-0.00351	0.045116	-3.51E-05
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0.098652	0.047735	-0.11534	0.034606	-0.11165	0.087783	-0.021	0.04816	-0.00954
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0.005522	-0.12393	0.002461	-0.11985	0.010402	-0.01307	0.093942	-0.00886	0.051415
0.079549	0.066875	-0.1033	0.056954	-0.10671	0.087405	-0.03997	0.04907	-0.02028
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0.01829	-0.11806	-0.01836	-0.12302	-0.0119	0.004988	0.100916	0.001096	0.056637
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0.039395	0.089306	-0.06709	0.095254	-0.08107	0.073067	-0.07777	0.043239	-0.04328
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0.022981	-0.08916	-0.0494	-0.11169	-0.05586	0.045727	0.101548	0.025175	0.060176
0.023702	0.090631	-0.04673	0.108365	-0.06207	0.059311	-0.09425	0.036246	-0.05427
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0.014257	-0.0694	-0.05674	-0.09795	-0.07438	0.066144	0.094581	0.038199	0.057782
0.013913	0.085235	-0.02768	0.116088	-0.04066	0.041794	-0.10763	0.02662	-0.06403
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0.011321	0.073951	-0.01191	0.117953	-0.01838	0.021312	-0.11698	0.014616	-0.07192
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0.01627	0.058269	-0.00103	0.113992	0.00313	-0.00112	-0.12164	0.000641	-0.07735
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0.028106	0.040161	0.003924	0.104731	0.022354	-0.02436	-0.12119	-0.01476	-0.07983
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0.04525	0.021858	0.002567	0.091137	0.037972	-0.04717	-0.11554	-0.03094	-0.07901
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0.065413	0.005609	-0.00477	0.074539	0.049006	-0.06834	-0.10492	-0.04717	-0.07468
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0.015435	0.110861	0.014448	0.083298	0.017465	0.004362	0.065448	0.014864	0.119539
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0.026607	0.096901	0.030385	0.088488	0.035404	0.014183	0.055205	0.037886	0.11567
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0.123604	0.003386	0.008274	0.011775	0.124303	0.004145	0.001596	0.124695	0.012089
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-0.05924	-0.00392	-0.00696	0.11036	-0.05916	-0.00352	-0.00191	-0.05913	0.110355
0.123604	0.003386	-0.00827	-0.01178	0.124303	-0.00415	0.001596	0.124695	-0.01209
-0.07569	0.010412	0.016992	-0.09691	-0.07795	0.008605	0.005239	-0.07918	-0.0969
-0.03941	-0.02129	-0.00254	0.118518	-0.03774	-0.00141	-0.01064	-0.03681	0.119543
0.116173	0.010021	-0.02376	-0.03448	0.118653	-0.01193	0.005043	0.119902	-0.03577
-0.08656	0.01989	0.031382	-0.07916	-0.09282	0.016064	0.009936	-0.09614	-0.07972
-0.01887	-0.03952	-0.00437	0.120842	-0.01524	-0.0026	-0.01996	-0.01315	0.124086
0.102302	0.022541	-0.03617	-0.05471	0.107828	-0.01822	0.011643	0.110525	-0.05797
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0.083842	0.039533	-0.04385	-0.07106	0.09273	-0.02215	0.020833	0.096973	-0.07778
-0.08668	0.019822	0.065909	-0.03639	-0.10724	0.034771	0.009605	-0.11822	-0.03726
0.013628	-0.06961	-0.02576	0.108293	0.026584	-0.01484	-0.03617	0.034266	0.118779
0.063255	0.059076	-0.04565	-0.08248	0.074615	-0.02305	0.031818	0.079836	-0.09441
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0.021236	-0.07763	-0.04318	0.094775	0.042999	-0.02515	-0.04108	0.056081	0.109225
0.043289	0.078953	-0.04109	-0.08834	0.054974	-0.02045	0.043631	0.059854	-0.1072
-0.05945	-0.00581	0.094303	0.005144	-0.09986	0.051887	-0.00496	-0.12202	0.00996
0.02143	-0.07923	-0.06278	0.07801	0.054919	-0.03734	-0.04278	0.075438	0.095603
0.026607	0.096901	-0.03038	-0.08849	0.035404	-0.01418	0.055205	0.037886	-0.11567
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0.014176	-0.07398	-0.08248	0.059537	0.061708	-0.0505	-0.04073	0.091577	0.078534
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0.000432	-0.0622	-0.10016	0.041016	0.063195	-0.06357	-0.03468	0.10389	0.058782
0.011264	0.119207	0.005233	-0.07359	0.002538	0.008617	0.073328	-0.00824	-0.11873
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0.014243	-0.08878	0.086217	0.041364	-0.04405	0.052605	-0.06273	-0.07728	0.088329
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0.02514	0.115734	0.047986	-0.04575	-0.01435	0.041183	0.078607	-0.05096	-0.10379
0.022241	-0.10388	0.069795	0.037503	-0.02968	0.042897	-0.07773	-0.05812	0.099945
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0.041336	0.104104	0.066854	-0.03073	-0.01538	0.058848	0.074873	-0.06887	-0.0905
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0.061075	0.087216	0.081521	-0.01715	-0.01165	0.075957	0.066601	-0.08355	-0.07415
0.015985	-0.1156	0.028499	0.017829	-0.01034	0.01238	-0.10065	-0.0158	0.110369
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0.081726	0.066825	0.090618	-0.00647	-0.00384	0.091369	0.053956	-0.09449	-0.05554
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0.117263	-0.01314	0.050024	-0.0227	0.051339	0.111744	-0.04987	-0.08841	0.041144
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