

Sample	X	Y	Label
1	0.967317345	-0.00683555	No
3	0.643896329	-0.491563311	Yes
4	-1.426282315	0.05832638	Yes
5	-1.110710939	-0.421519617	Yes
8	-0.073513606	-0.28944967	Yes
9	1.246772172	-0.050379165	No
10	-0.758850659	-0.206793486	Yes
11	-0.167567243	-0.070915939	Yes
12	-0.692509064	-0.173286342	Yes
13	1.561786287	0.131371616	No
14	-0.428837543	-0.01108395	Yes
16	-0.335363915	-0.405864608	Yes
17	1.561786287	0.131371616	No
18	-0.696722692	-0.500077441	Yes
19	0.881734103	-0.233276597	No
20	-0.335363915	-0.405864608	Yes
21	-0.803653238	0.092707224	Yes
22	-0.839769787	0.529009606	Yes
23	-0.447579331	0.634224455	Yes
25	-1.426282315	0.05832638	Yes
26	1.561786287	0.131371616	No
27	-0.733568856	-0.533052791	Yes
28	-1.426282315	0.05832638	Yes
29	-0.434444822	1.151493815	Yes
30	1.561786287	0.131371616	No
31	1.561786287	0.131371616	No
32	1.561786287	0.131371616	No
33	1.561786287	0.131371616	No
34	1.561786287	0.131371616	No
36	-1.426282315	0.05832638	Yes
37	1.561786287	0.131371616	No
39	1.561786287	0.131371616	No
41	1.561786287	0.131371616	No
42	1.561786287	0.131371616	No
43	1.561786287	0.131371616	No
45	1.561786287	0.131371616	No
46	1.246772172	-0.050379165	No
48	1.561786287	0.131371616	No
49	1.561786287	0.131371616	No
51	1.561786287	0.131371616	No
53	1.561786287	0.131371616	No
54	-1.426282315	0.05832638	Yes
55	1.561786287	0.131371616	No
57	0.184850298	-0.517786586	Yes
61	1.561786287	0.131371616	No
63	-0.758293398	-0.868390264	Yes

64	-0.139206688	0.902204193	Yes
65	0.516655288	1.169621434	No
66	-1.146827488	0.014782764	Yes
67	0.610686177	0.113243998	Yes
68	1.28233146	0.174915231	No
69	0.922793896	0.126489852	No
70	-0.839769787	0.529009606	Yes
71	-0.381151316	-0.979923438	Yes
72	-0.516348771	1.013737367	Yes
73	-1.426282315	0.05832638	Yes
75	0.259662287	-0.92925422	Yes
76	-0.803653238	0.092707224	Yes
77	1.561786287	0.131371616	No
78	1.561786287	0.131371616	No
80	0.958910444	-0.30981253	No
81	1.254728587	-0.382855226	No
82	-0.762593446	0.452473674	Yes
83	-0.733568856	-0.533052791	Yes
85	-0.097482861	-0.696675954	Yes
86	0.11423672	0.715642151	Yes
87	1.561786287	0.131371616	No
88	0.894354632	0.396491482	No
90	-1.426282315	0.05832638	Yes
91	1.561786287	0.131371616	No
93	-0.758293398	-0.868390264	Yes
94	1.28233146	0.174915231	No
95	0.237757722	0.551568271	Yes
96	1.254728587	-0.382855226	No
97	-0.839769787	0.529009606	Yes
99	1.561786287	0.131371616	No
100	1.561786287	0.131371616	No
101	0.893797371	1.05808826	No
102	0.605958569	-0.101048383	Yes
103	0.20957484	-0.182449113	Yes
104	0.274710661	-0.712506197	Yes
105	0.569948795	-0.96179582	Yes
106	-1.426282315	0.05832638	Yes
107	1.561786287	0.131371616	No
109	-0.381151316	-0.979923438	Yes
110	1.561786287	0.131371616	No
112	0.660259644	-0.521062391	Yes
113	0.967317345	-0.00683555	No
115	-0.478838571	-0.91193388	Yes
116	-0.795803598	1.057280982	Yes
117	0.578783256	0.876337479	Yes
118	-1.426282315	0.05832638	Yes
121	0.230665763	0.002344188	Yes

123	1.28233146	0.174915231	No
124	1.200427511	0.037158782	No
125	-0.831256112	-0.465063233	Yes
129	-0.139206688	0.902204193	Yes
130	-0.454114029	-0.576596407	Yes
131	-0.417267864	-0.543621056	Yes
133	1.561786287	0.131371616	No
134	0.881734103	-0.233276597	No
135	0.295221575	-0.703959824	Yes
136	1.205155119	0.251451163	No
137	-1.426282315	0.05832638	Yes
139	-1.426282315	0.05832638	Yes
140	0.274710661	-0.712506197	Yes
141	-1.426282315	0.05832638	Yes
142	-0.469897336	-0.370850399	Yes
143	0.290493968	-0.918252205	Yes
144	0.939714472	-0.564606007	No
146	-1.426282315	0.05832638	Yes
147	-0.795696824	-0.239768836	Yes
148	1.561786287	0.131371616	No
150	0.958910444	-0.30981253	No
152	0.587296931	-0.11773536	Yes
153	0.894354632	0.396491482	No
154	-1.426282315	0.05832638	Yes
156	-1.110710939	-0.421519617	Yes
157	-1.146827488	0.014782764	Yes
159	-0.054073933	0.4931922	Yes
160	-0.746230131	0.422974593	Yes
161	-0.787289923	0.063208143	Yes
162	-0.524755672	0.710760387	Yes
163	-1.146827488	0.014782764	Yes
166	1.561786287	0.131371616	No
167	0.939714472	-0.564606007	No
168	1.246772172	-0.050379165	No
169	1.561786287	0.131371616	No
171	0.491378803	0.604108977	No
172	-0.462047696	0.593723359	Yes
173	1.561786287	0.131371616	No
174	1.254728587	-0.382855226	No
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176	0.2409205	-0.283945816	Yes
177	0.889583743	0.73129716	No
178	0.884856136	0.517004779	No
179	0.56143512	0.032277018	No
181	-0.053516672	-0.168404578	Yes
182	1.209368747	0.578242263	No
183	0.499864413	-0.336035805	No

184	0.570376355	0.573360499	No
186	0.512998922	0.181233556	Yes
187	-1.119224614	0.572553221	Yes
189	1.254728587	-0.382855226	No
190	0.931307571	-0.867582987	No
192	0.967317345	-0.00683555	No
193	0.616293456	-1.049333768	Yes
194	1.209368747	0.578242263	No
196	-0.790196319	-0.105296783	Yes
197	-0.474624944	-0.58514278	Yes
200	0.267511928	0.035319538	Yes
201	-1.049140232	-0.053206794	Yes
202	-1.069651147	-0.061753168	Yes
203	-0.462627704	0.417476432	Yes
205	-0.692509064	-0.173286342	Yes
206	0.616293456	-1.049333768	Yes
208	-0.10309014	0.465901811	Yes
209	0.54095227	-0.030197412	No
210	1.205155119	0.251451163	No
211	0.58673967	0.543861418	No
212	-0.758293398	-0.868390264	Yes
213	-0.434872382	-0.383662503	Yes
214	-1.426282315	0.05832638	Yes
216	0.92991392	0.621785878	No
217	0.823285429	0.148691956	No
218	-1.146827488	0.014782764	Yes
219	-0.41014784	-0.04832503	Yes
220	-0.725719216	0.431520967	Yes
221	-0.428837543	-0.01108395	Yes
222	1.561786287	0.131371616	No
224	-1.426282315	0.05832638	Yes
225	-1.049140232	-0.053206794	Yes
226	0.610686177	0.113243998	Yes
230	-0.17178087	-0.397707038	Yes
231	0.184850298	-0.517786586	Yes
232	-1.119224614	0.572553221	Yes
233	-1.426282315	0.05832638	Yes
234	0.168537795	0.295628143	Yes
235	-0.10309014	0.465901811	Yes
236	1.246772172	-0.050379165	No
237	-0.331150288	-0.079073508	Yes
238	1.561786287	0.131371616	No
240	0.605958569	-0.101048383	No
241	-1.426282315	0.05832638	Yes
242	-0.787847184	0.724804921	Yes
243	-0.804210499	0.754304002	Yes
245	-0.479395832	-0.250337102	Yes

246	-0.741502523	0.637266974	Yes
247	-0.209184296	0.23091439	Yes
248	-0.717233606	-0.508623815	Yes
249	-1.426282315	0.05832638	Yes
250	0.843796343	0.15723833	No
251	-1.110710939	-0.421519617	Yes
252	0.233544095	0.224777172	Yes
253	-0.480232222	0.577434985	Yes
255	-1.049140232	-0.053206794	Yes
256	-1.049140232	-0.053206794	Yes
257	-0.757865838	0.666766055	Yes
258	0.97527376	-0.33931161	No
259	-0.478838571	-0.91193388	Yes
260	0.56199238	-0.62931976	No
261	-0.437778779	-0.55216743	Yes
262	-1.426282315	0.05832638	Yes
263	-0.168124504	0.590680839	Yes
268	-0.0577303	-0.495195677	Yes
269	-0.10309014	0.465901811	Yes
271	1.561786287	0.131371616	No
272	0.263875915	-0.602463121	Yes
273	0.56143512	0.032277018	No
274	0.56143512	0.032277018	No
276	-0.122207403	-1.032013427	Yes
277	-0.787289923	0.063208143	Yes
278	-0.472275808	0.244958924	Yes
279	1.561786287	0.131371616	No
280	-1.426282315	0.05832638	Yes
281	-1.426282315	0.05832638	Yes
283	-0.454114029	-0.576596407	Yes
284	-1.146827488	0.014782764	Yes
285	-0.758293398	-0.868390264	Yes
286	0.931307571	-0.867582987	No
289	0.239151373	-0.937800594	Yes
293	0.155853773	0.413811822	Yes
294	-0.40166223	-0.988469812	Yes
295	0.221724527	-0.538739293	Yes
297	0.881734103	-0.233276597	No
298	-1.069651147	-0.061753168	Yes
299	-1.146827488	0.014782764	Yes
300	-0.692509064	-0.173286342	Yes
303	-0.749352163	-0.327306784	Yes
304	-1.146827488	0.014782764	Yes
305	-0.762593446	0.452473674	Yes
306	1.28233146	0.174915231	No
307	0.151640146	0.087020723	Yes
308	-1.426282315	0.05832638	Yes

309	-0.101696489	-1.023467053	Yes
310	-0.118037056	-0.156124268	Yes
311	-0.127814681	0.130564338	Yes
313	-1.426282315	0.05832638	Yes
314	1.561786287	0.131371616	No
316	-0.082027281	0.704623169	Yes
317	-0.516348771	1.013737367	Yes
318	-0.430658755	-0.056871404	Yes
319	0.299435203	-0.377168724	Yes
320	1.561786287	0.131371616	No
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322	-0.155417555	-0.427206119	Yes
323	-1.426282315	0.05832638	Yes
324	-1.426282315	0.05832638	Yes
325	0.259662287	-0.92925422	Yes
326	-0.122207403	-1.032013427	Yes
327	0.524588955	-0.000698332	No
328	-0.787847184	0.724804921	Yes
329	1.561786287	0.131371616	No
330	-0.101268928	0.511689265	Yes
332	-0.093312514	0.179213205	Yes
333	-0.462047696	0.593723359	Yes
334	0.282537553	-0.585776144	Yes
337	0.92991392	0.621785878	No
338	1.209368747	0.578242263	No
339	-1.426282315	0.05832638	Yes
340	-1.119224614	0.572553221	Yes
342	-0.443279283	-0.686639483	Yes
343	-1.426282315	0.05832638	Yes
345	-0.434872382	-0.383662503	Yes
346	-0.127814681	0.130564338	Yes
347	-0.01979254	-0.885710605	Yes
349	0.201213613	-0.547285666	Yes
350	1.561786287	0.131371616	No
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354	-0.427068416	0.642770828	Yes
356	-1.049140232	-0.053206794	Yes
357	-0.478838571	-0.91193388	Yes
358	-0.831256112	-0.465063233	Yes
360	1.561786287	0.131371616	No
361	0.176364687	0.422358196	Yes
363	-0.163396896	0.80497322	Yes
364	-0.381151316	-0.979923438	Yes
365	-1.049140232	-0.053206794	Yes
366	0.893797371	1.05808826	No

367	-1.1112682	0.240077161	Yes
368	-1.1112682	0.240077161	Yes
369	-0.40166223	-0.988469812	Yes
370	-0.097482861	-0.696675954	Yes
373	-0.154989995	1.1079502	Yes
374	-0.201334656	1.195488148	Yes
375	1.200427511	0.037158782	No
376	0.537723463	0.516571029	Yes
378	-0.524198411	0.049163609	Yes
379	0.517212549	0.508024656	Yes
381	0.56199238	-0.62931976	Yes
382	-1.069651147	-0.061753168	Yes
383	1.561786287	0.131371616	No
384	1.200427511	0.037158782	No
385	0.885413396	-0.144591999	No
386	0.532995856	0.302278648	Yes
387	-0.443279283	-0.686639483	Yes
389	0.890141004	0.069700382	No
392	0.336838628	-1.005790152	Yes
394	0.605958569	-0.101048383	Yes
395	-1.110710939	-0.421519617	Yes
396	1.561786287	0.131371616	No
397	0.200656352	0.114311112	Yes
399	0.528782228	-0.024512451	Yes
400	-0.524198411	0.049163609	Yes
401	-1.049140232	-0.053206794	Yes
402	1.254728587	-0.382855226	No
403	-0.831256112	-0.465063233	Yes
404	-1.1112682	0.240077161	Yes
405	-0.795803598	1.057280982	Yes
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407	1.561786287	0.131371616	No
409	0.614899804	0.440035097	Yes
410	-1.146827488	0.014782764	Yes
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412	0.249327401	0.019031164	Yes
413	-0.060636696	-0.663700604	Yes
414	1.254728587	-0.382855226	No
415	0.651852744	-0.824039371	Yes
416	1.561786287	0.131371616	No
418	-0.074093615	-0.465696597	Yes
419	0.590175263	0.104697624	No
420	-0.758293398	-0.868390264	Yes
421	-0.209184296	0.23091439	Yes
422	-0.123601054	0.457355437	Yes
423	0.610128916	0.774840776	No
425	-0.392720995	-0.447386331	Yes

427	0.282537553	-0.585776144	Yes
428	0.546209074	-0.423573752	Yes
430	1.246772172	-0.050379165	No
431	-1.110710939	-0.421519617	Yes
432	0.939714472	-0.564606007	No
433	-1.069651147	-0.061753168	Yes
435	0.266754247	-0.380030137	Yes
436	0.923351156	-0.535106926	No
437	0.192806712	-0.850262646	Yes
438	0.299328429	0.919881094	Yes
439	-0.097482861	-0.696675954	Yes
440	-0.474624944	-0.58514278	Yes
441	-0.474624944	-0.58514278	Yes
442	-0.758293398	-0.868390264	Yes
443	-0.089876921	-0.259950589	Yes
444	-0.092755253	-0.482383573	Yes
445	-0.454114029	-0.576596407	Yes
446	0.566719988	-0.415027378	No
447	1.561786287	0.131371616	No
448	-1.426282315	0.05832638	Yes
449	-0.101696489	-1.023467053	Yes
450	-0.804210499	0.754304002	Yes
451	-0.795803598	1.057280982	Yes
452	0.205361212	-0.509240212	Yes
453	-0.478838571	-0.91193388	Yes
454	-0.803653238	0.092707224	Yes
455	1.561786287	0.131371616	No
456	-0.804210499	0.754304002	Yes
457	0.281980292	0.075820634	Yes
458	0.877006495	-0.447568979	No
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461	1.184644205	0.24290479	No
462	0.939714472	-0.564606007	No
463	-1.146827488	0.014782764	Yes
464	-0.086754889	0.490330787	Yes
466	-0.434444822	1.151493815	Yes
467	1.246772172	-0.050379165	No
469	-0.092755253	-0.482383573	Yes
471	-1.069651147	-0.061753168	Yes
472	1.238365271	-0.353356145	No
473	0.56143512	0.032277018	No
474	0.570376355	0.573360499	No
476	0.893797371	1.05808826	No
477	-1.119224614	0.572553221	Yes
479	0.569948795	-0.96179582	Yes
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484	-0.094604529	-0.47424297	Yes
485	-1.146827488	0.014782764	Yes
486	-0.754079771	-0.541599165	Yes
487	-0.831813372	0.196533545	Yes
489	-0.451235697	-0.354163423	Yes
490	1.200427511	0.037158782	No
492	-1.426282315	0.05832638	Yes
493	-0.162839635	0.143376442	Yes
494	1.246772172	-0.050379165	No
495	-0.787847184	0.724804921	Yes
496	-1.426282315	0.05832638	Yes
497	0.532995856	0.302278648	No
498	-1.064923539	0.152539213	Yes
499	0.167957787	0.119381216	Yes
500	-0.451235697	-0.354163423	Yes
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502	0.574676403	-0.747503439	Yes
503	-0.823406472	0.499510525	Yes
504	-0.795696824	-0.239768836	Yes
505	0.566162728	0.2465694	No
507	0.163810188	0.081335762	Yes
508	0.163810188	0.081335762	Yes
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512	-0.790196319	-0.105296783	Yes
513	1.238365271	-0.353356145	No
514	0.205361212	-0.509240212	Yes
515	-1.426282315	0.05832638	Yes
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517	0.922793896	0.126489852	No
519	-1.426282315	0.05832638	Yes
520	-0.696722692	-0.500077441	Yes
521	0.616293456	-1.049333768	Yes
522	-0.119430707	1.333244596	Yes
523	-0.708292371	0.032459666	Yes
524	-0.839769787	0.529009606	Yes
525	-1.426282315	0.05832638	Yes
526	-0.165218107	0.759185766	Yes
528	-1.073864774	-0.388544267	Yes
529	-0.696722692	-0.500077441	Yes
531	1.561786287	0.131371616	No
532	-1.064923539	0.152539213	Yes
533	0.920972684	0.080702398	No
536	1.28233146	0.174915231	No
537	1.238365271	-0.353356145	No
539	-0.454114029	-0.576596407	Yes

540	1.200427511	0.037158782	No
542	0.259662287	-0.92925422	Yes
544	-1.426282315	0.05832638	Yes
545	-0.376937688	-0.653132339	Yes
546	1.561786287	0.131371616	No
547	-0.480232222	0.577434985	Yes
548	0.151640146	0.087020723	Yes
549	-1.426282315	0.05832638	Yes
550	-0.105416527	0.473643811	Yes
551	0.290493968	-0.918252205	Yes
552	0.884856136	0.517004779	No
553	-0.17178087	-0.397707038	Yes
555	0.230665763	0.002344188	Yes
556	-0.804210499	0.754304002	Yes
557	-0.113266168	-0.490929947	Yes
558	-0.754079771	-0.541599165	Yes
559	0.885413396	-0.144591999	No
560	-1.426282315	0.05832638	Yes
563	-0.200777395	0.53389137	Yes
564	1.28233146	0.174915231	No
567	-0.437778779	-0.55216743	Yes
568	0.295221575	-0.703959824	Yes
569	-1.426282315	0.05832638	Yes
570	-0.754079771	-0.541599165	Yes
572	0.923351156	-0.535106926	No
573	0.97527376	-0.33931161	No
574	0.252983768	1.007419042	Yes
575	-0.36436044	0.5257338	Yes
579	-0.172338131	0.26388974	Yes
580	-0.790196319	-0.105296783	Yes
581	-0.159717603	0.893657819	Yes
582	-1.426282315	0.05832638	Yes
583	0.894354632	0.396491482	No
584	1.561786287	0.131371616	No
585	-0.795803598	1.057280982	Yes
586	0.205361212	-0.509240212	Yes
587	-0.17178087	-0.397707038	Yes
588	-0.795803598	1.057280982	Yes
590	-0.101696489	-1.023467053	Yes
591	-0.524198411	0.049163609	Yes
592	0.192806712	-0.850262646	Yes
593	0.220409586	-0.292492189	Yes
594	1.246772172	-0.050379165	No
596	1.28233146	0.174915231	No
598	-0.831256112	-0.465063233	Yes
599	-1.146827488	0.014782764	Yes
600	-0.110210164	-0.029394215	Yes

601	-1.426282315	0.05832638	Yes
602	0.610686177	0.113243998	No
603	0.614899804	0.440035097	No
604	-1.426282315	0.05832638	Yes
605	-1.426282315	0.05832638	Yes
606	-1.426282315	0.05832638	Yes
607	0.517212549	0.508024656	No
608	0.525168964	0.175548595	Yes
609	0.525168964	0.175548595	Yes
610	-1.426282315	0.05832638	Yes
611	-0.434872382	-0.383662503	Yes
612	0.660259644	-0.521062391	Yes
614	-0.795696824	-0.239768836	Yes
615	-0.05730274	1.039960642	Yes
617	-1.110710939	-0.421519617	Yes
618	-0.803653238	0.092707224	Yes
619	-1.110710939	-0.421519617	Yes
620	-1.110710939	-0.421519617	Yes
621	-1.426282315	0.05832638	Yes
622	-0.790196319	-0.105296783	Yes
623	-1.426282315	0.05832638	Yes
624	-1.426282315	0.05832638	Yes
625	-0.478838571	-0.91193388	Yes
626	-1.426282315	0.05832638	Yes
627	0.923351156	-0.535106926	No
628	0.56199238	-0.62931976	Yes
629	0.967317345	-0.00683555	No
630	0.614899804	0.440035097	Yes
631	-1.426282315	0.05832638	Yes
633	0.151640146	0.087020723	Yes
634	0.529316563	0.213594049	Yes
636	-0.487352246	0.082138959	Yes
637	1.238365271	-0.353356145	No
638	0.920972684	0.080702398	No
639	0.925700292	0.294994779	No
640	-0.43917243	0.937201434	Yes
641	0.54855821	0.406527953	Yes
642	1.561786287	0.131371616	No
644	0.532995856	0.302278648	No
646	-0.201334656	1.195488148	Yes
648	-1.426282315	0.05832638	Yes
650	0.614342544	1.101631875	Yes
651	0.532438595	0.963875426	Yes
652	-0.478411011	0.623222439	Yes
653	1.561786287	0.131371616	No
654	-0.462627704	0.417476432	Yes
655	-0.139206688	0.902204193	Yes

656	-0.074093615	-0.465696597	Yes
657	-1.146827488	0.014782764	Yes
658	-1.426282315	0.05832638	Yes
659	-0.43917243	0.937201434	Yes
660	-0.516348771	1.013737367	Yes
661	-1.146827488	0.014782764	Yes
662	1.561786287	0.131371616	No
663	-0.147056329	-0.062369565	Yes
665	1.200427511	0.037158782	No
666	-0.758293398	-0.868390264	Yes
667	1.561786287	0.131371616	No
668	-0.687781456	0.041006039	Yes
669	-1.146827488	0.014782764	Yes
670	-0.831256112	-0.465063233	Yes
671	0.616293456	-1.049333768	Yes
672	-0.162839635	0.143376442	Yes
674	-1.119224614	0.572553221	Yes
675	-0.766807073	0.125682574	Yes
676	1.28233146	0.174915231	No
677	-0.376937688	-0.653132339	Yes
679	-0.516348771	1.013737367	Yes
680	-0.070437248	0.522691281	Yes
681	-1.064923539	0.152539213	Yes
682	-1.426282315	0.05832638	Yes
684	-0.451235697	-0.354163423	Yes
685	-1.110710939	-0.421519617	Yes
686	-0.757865838	0.666766055	Yes
688	1.246772172	-0.050379165	No
689	-0.028306215	0.108362234	Yes
690	-1.426282315	0.05832638	Yes
691	-0.478838571	-0.91193388	Yes
694	-1.049140232	-0.053206794	Yes
696	1.254728587	-0.382855226	No
697	0.898097419	-0.262775678	No
698	-0.069879988	-0.138905497	Yes
700	-0.40166223	-0.988469812	Yes
702	1.184644205	0.24290479	No
703	0.939157211	0.096990771	No
704	-0.839769787	0.529009606	Yes
705	1.561786287	0.131371616	No
706	0.920972684	0.080702398	No
707	0.193791533	0.023296895	Yes
708	-0.754079771	-0.541599165	Yes
710	-0.434444822	1.151493815	Yes
711	0.570933616	-0.088236279	No
712	-0.785468712	0.108995598	Yes
713	-1.426282315	0.05832638	Yes

715	1.200427511	0.037158782	No
716	1.561786287	0.131371616	No
717	0.225938155	-0.211948193	Yes
718	-0.831256112	-0.465063233	Yes
719	0.931307571	-0.867582987	No
720	0.57889003	-0.42071234	No
721	0.931307571	-0.867582987	No
722	-0.443279283	-0.686639483	Yes
726	1.28233146	0.174915231	No
727	1.28233146	0.174915231	No
728	-1.426282315	0.05832638	Yes
729	-1.110710939	-0.421519617	Yes
730	-0.480232222	0.577434985	Yes
731	0.828013037	0.362984337	No
732	-0.516348771	1.013737367	Yes
734	-0.749352163	-0.327306784	Yes
737	0.143233245	-0.215956257	Yes
738	1.238365271	-0.353356145	No
739	-1.426282315	0.05832638	Yes
740	1.184644205	0.24290479	No
741	-0.417267864	-0.543621056	Yes
743	-0.066243975	0.498877161	Yes
744	-0.725719216	0.431520967	Yes
745	-1.146827488	0.014782764	Yes
746	-0.413054237	-0.216829957	Yes
747	1.561786287	0.131371616	No
748	-0.839769787	0.529009606	Yes
749	-1.110710939	-0.421519617	Yes
750	-0.17178087	-0.397707038	Yes
751	0.151640146	0.087020723	Yes
752	-1.119224614	0.572553221	Yes
753	-0.758293398	-0.868390264	Yes
754	1.561786287	0.131371616	No
755	-0.734126117	0.128543987	Yes
756	-1.426282315	0.05832638	Yes
757	0.643896329	-0.491563311	No
760	-0.687781456	0.041006039	Yes
761	0.894354632	0.396491482	No
762	-0.396934622	-0.774177431	Yes
763	-1.426282315	0.05832638	Yes
764	-0.066243975	0.498877161	Yes
766	-0.048817129	0.09981586	Yes
767	-1.110710939	-0.421519617	Yes
768	-0.795803598	1.057280982	Yes
769	1.246772172	-0.050379165	No
771	1.561786287	0.131371616	No
772	-1.426282315	0.05832638	Yes

773	-1.110710939	-0.421519617	Yes
774	0.56199238	-0.62931976	Yes
776	-0.746230131	0.422974593	Yes
777	0.660259644	-0.521062391	Yes
778	-1.119224614	0.572553221	Yes
779	-0.066243975	0.498877161	Yes
783	-1.426282315	0.05832638	Yes
784	0.967317345	-0.00683555	No
785	1.246772172	-0.050379165	No
786	-0.795803598	1.057280982	Yes
787	1.238365271	-0.353356145	No
788	-0.118873446	0.671647818	Yes
789	-0.055909088	-0.449408223	Yes
792	-0.831256112	-0.465063233	Yes
793	0.56199238	-0.62931976	No
794	-1.146827488	0.014782764	Yes
795	-0.790196319	-0.105296783	Yes
796	-0.086754889	0.490330787	Yes
797	-1.426282315	0.05832638	Yes
798	0.923351156	-0.535106926	No
800	-1.110710939	-0.421519617	Yes
801	-0.454114029	-0.576596407	Yes
802	0.20957484	-0.182449113	Yes
803	-0.451235697	-0.354163423	Yes
804	-1.119224614	0.572553221	Yes
805	1.561786287	0.131371616	No
806	-0.478838571	-0.91193388	Yes
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810	-0.790196319	-0.105296783	Yes
811	1.246772172	-0.050379165	No
813	-0.742082532	0.461020047	Yes
814	-1.426282315	0.05832638	Yes
817	-0.089876921	-0.259950589	Yes
818	0.569948795	-0.96179582	No
820	-0.451235697	-0.354163423	Yes
821	-0.123601054	0.457355437	Yes
822	0.516655288	1.169621434	No
823	0.508271314	-0.033058825	No
824	0.239151373	-0.937800594	Yes
825	1.28233146	0.174915231	No
826	1.561786287	0.131371616	No
827	0.923351156	-0.535106926	No
828	1.246772172	-0.050379165	No
829	-1.426282315	0.05832638	Yes
831	0.257711376	1.221711423	Yes
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837	-1.426282315	0.05832638	Yes
838	-0.451235697	-0.354163423	Yes
839	1.561786287	0.131371616	No
840	-0.105996536	0.297396884	Yes
841	0.336838628	-1.005790152	Yes
842	0.898097419	-0.262775678	No
843	-1.426282315	0.05832638	Yes
844	0.15959656	-0.245455338	Yes
845	-0.795803598	1.057280982	Yes
846	1.246772172	-0.050379165	No
848	0.56199238	-0.62931976	Yes
850	0.228816487	0.01048479	Yes
852	-0.433051171	-0.337875049	Yes
853	-0.749352163	-0.327306784	Yes
854	0.211923975	0.647652592	Yes
855	0.893369811	-0.477068059	No
857	-0.101696489	-1.023467053	Yes
858	-0.516348771	1.013737367	Yes
859	-1.426282315	0.05832638	Yes
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862	-1.110710939	-0.421519617	Yes
863	-1.1112682	0.240077161	Yes
864	-0.16393123	0.56686672	Yes
865	0.881734103	-0.233276597	No
866	-0.831256112	-0.465063233	Yes
867	-1.426282315	0.05832638	Yes
868	1.561786287	0.131371616	No
869	-0.331150288	-0.079073508	Yes
870	-0.430658755	-0.056871404	Yes
872	-1.426282315	0.05832638	Yes
873	-0.40166223	-0.988469812	Yes
874	1.561786287	0.131371616	No
875	0.237200461	1.213165049	Yes
876	-0.516348771	1.013737367	Yes
877	-1.426282315	0.05832638	Yes
878	0.11423672	0.715642151	Yes
879	-0.758293398	-0.868390264	Yes
880	1.238365271	-0.353356145	No
882	0.616293456	-1.049333768	No
883	-0.785468712	0.108995598	Yes
884	-0.10309014	0.465901811	Yes
885	1.561786287	0.131371616	No
886	-1.426282315	0.05832638	Yes

887	0.257711376	1.221711423	Yes
888	-0.109630155	0.146852712	Yes
889	0.582526043	0.217070319	No
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891	-1.426282315	0.05832638	Yes
892	1.561786287	0.131371616	No
893	0.211923975	0.647652592	Yes
894	-1.426282315	0.05832638	Yes
895	0.249327401	0.019031164	Yes
896	1.561786287	0.131371616	No
897	-0.746230131	0.422974593	Yes
898	-1.426282315	0.05832638	Yes
899	-1.069651147	-0.061753168	Yes
901	-0.762593446	0.452473674	Yes
902	-0.154989995	1.1079502	Yes
903	-0.790196319	-0.105296783	Yes
905	-0.396934622	-0.774177431	Yes
908	-1.426282315	0.05832638	Yes
909	0.239151373	-0.937800594	Yes
910	-1.426282315	0.05832638	Yes
911	-0.076420003	-0.457954597	Yes
913	0.25493468	-1.143546601	Yes
914	1.184644205	0.24290479	No
916	-0.839769787	0.529009606	Yes
917	1.246772172	-0.050379165	No
918	-1.119224614	0.572553221	Yes
919	-1.102861299	0.54305414	Yes
920	0.890141004	0.069700382	No
921	1.28233146	0.174915231	No
922	-0.331150288	-0.079073508	Yes
924	-0.44702207	-0.027372323	Yes
926	-0.478838571	-0.91193388	Yes
927	0.193234272	0.684893673	Yes
928	0.537166203	1.178167807	No
929	0.508805648	0.205047676	No
930	0.16002412	1.289700981	Yes
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935	0.92991392	0.621785878	No
936	-0.831256112	-0.465063233	Yes
937	0.564341516	0.200781945	Yes
938	1.246214912	0.611217613	No
939	0.607779781	-0.055260929	Yes
940	0.922793896	0.126489852	No
941	1.238365271	-0.353356145	No
943	1.561786287	0.131371616	No
944	-1.426282315	0.05832638	Yes
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947	-0.396934622	-0.774177431	Yes
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950	0.890141004	0.069700382	No
951	-1.049140232	-0.053206794	Yes
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954	0.2409205	-0.283945816	Yes
955	0.881734103	-0.233276597	No
956	-1.426282315	0.05832638	Yes
957	-0.016136173	0.102677273	Yes
958	-1.110710939	-0.421519617	Yes
959	0.939714472	-0.564606007	No
960	0.221724527	-0.538739293	Yes
961	-0.454114029	-0.576596407	Yes
962	-0.434444822	1.151493815	Yes
963	-0.754079771	-0.541599165	Yes
965	-0.839769787	0.529009606	Yes
966	-0.385451363	0.3409405	Yes
967	-0.804210499	0.754304002	Yes
968	0.546209074	-0.423573752	No
969	0.564341516	0.200781945	Yes
970	0.923351156	-0.535106926	No
971	0.643896329	-0.491563311	Yes
973	1.209368747	0.578242263	No
974	-0.418554741	-0.35130201	Yes
975	0.266754247	-0.380030137	Yes
976	0.021267253	-0.525944155	Yes
977	0.57889003	-0.42071234	Yes
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980	-0.769685405	-0.09675041	Yes
981	-0.487352246	0.082138959	Yes
982	0.258268636	0.560114645	Yes
983	-1.146827488	0.014782764	Yes
984	-1.426282315	0.05832638	Yes
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988	-1.146827488	0.014782764	Yes
989	0.610686177	0.113243998	Yes
990	-1.119224614	0.572553221	Yes
991	-0.839769787	0.529009606	Yes
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993	0.570933616	-0.088236279	Yes
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996	1.561786287	0.131371616	No
997	1.254728587	-0.382855226	No
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1001	1.200427511	0.037158782	No

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1004	-0.162839635	0.143376442	Yes
1005	-1.049140232	-0.053206794	Yes
1006	-0.101268928	0.511689265	Yes
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1009	-1.426282315	0.05832638	Yes
1013	1.246772172	-0.050379165	No
1014	-1.426282315	0.05832638	Yes
1017	0.303628476	-0.400982844	Yes
1018	-0.024520148	-1.100002986	Yes
1019	0.516655288	1.169621434	No
1020	-0.101696489	-1.023467053	Yes
1021	0.828013037	0.362984337	No
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1028	-0.119430707	1.333244596	Yes
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1036	-0.069879988	-0.138905497	Yes
1037	-0.376937688	-0.653132339	Yes
1038	1.246214912	0.611217613	No
1039	0.239151373	-0.937800594	Yes
1040	0.151640146	0.087020723	Yes
1041	1.561786287	0.131371616	No
1042	0.894354632	0.396491482	No
1043	-0.708292371	0.032459666	Yes
1044	-1.426282315	0.05832638	Yes
1045	-1.426282315	0.05832638	Yes
1046	-1.426282315	0.05832638	Yes
1048	-0.101696489	-1.023467053	Yes
1050	1.561786287	0.131371616	No
1051	-0.154989995	1.1079502	Yes
1052	-1.119224614	0.572553221	Yes
1053	0.958910444	-0.30981253	No
1054	-0.443279283	-0.686639483	Yes