

Manager	Annual Salary	Training Program	Random		Populatio	Sample
			Numbers		n	
878	64538.60	Yes	0.187891	Mean	71801.35	70962.24
193	77737.20	No	0.456947	Std. dev.	4000.233	4126.444
688	76868.80	Yes	0.767179			
400	73544.10	No	0.202778			
1404	68229.40	No	0.337277			
1207	74053.20	Yes	0.091708			
416	71969.10	Yes	0.83469			
366	74275.30	Yes	0.460021			
1514	72475.50	Yes	0.560561			
1777	71433.70	No	0.784235			
1685	73323.90	No	0.685071			
1849	69294.90	Yes	0.851862			
484	73271.70	Yes	0.791931			
325	70593.00	No	0.860658			
91	68712.00	Yes	0.555447			
1313	64483.50	No	0.134623			
1786	71045.70	Yes	0.345907			
1002	70160.60	No	0.985267			
994	76360.80	No	0.477347			
1644	67044.50	Yes	0.067997			
1209	69792.00	No	0.547728			
755	70260.70	Yes	0.398888			
1386	67696.50	No	0.838478			
1265	68607.60	Yes	0.035524			
1269	63585.80	Yes	0.529441			
176	64715.40	No	0.705998			
834	81557.70	Yes	0.97929			
1623	71382.90	Yes	0.147361			
1075	69584.90	Yes	0.332675			
1856	72268.30	No	0.938492			
434	76862.10	Yes	0.214107			
189	76954.90	No	0.787333			
627	67842.10	Yes	0.929405			
1673	72875.70	Yes	0.986756			
976	72940.10	Yes	0.218902			
1448	73661.70	Yes	0.485525			

781	70006.30	No	0.294831
1077	72850.50	Yes	0.337889
395	77152.80	No	0.896039
300	73427.00	No	0.539872
1236	68931.50	No	0.835058
1797	73071.90	Yes	0.843695
961	74886.00	Yes	0.104694
1487	70028.70	Yes	0.771006
446	63034.70	No	0.538782
466	73043.70	No	0.140124
748	66592.50	No	0.939432
1237	76299.20	Yes	0.903734
615	73938.70	Yes	0.630528
884	71203.90	Yes	0.271229
1953	74332.50	No	0.771125
1458	64399.90	Yes	0.069379
338	78306.30	Yes	0.339793
757	72431.30	No	0.421119
1890	75731.30	No	0.907414
187	67434.60	No	0.389137
1041	67667.10	No	0.237711
1871	82281.10	Yes	0.858139
1181	63934.40	Yes	0.895571
643	73503.40	No	0.008618
1226	72552.80	Yes	0.140655
810	75145.00	Yes	0.074767
1424	75432.70	No	0.449506
710	73873.10	Yes	0.281311
1036	73227.10	Yes	0.333574
242	78127.60	Yes	0.690023
117	77856.00	Yes	0.834088
1488	74614.80	Yes	0.943351
250	76233.10	Yes	0.724262
1099	67642.80	No	0.906285
227	73055.90	Yes	0.259899
792	69656.90	No	0.821532
1781	66797.90	No	0.309408
1126	75426.30	No	0.202349
751	70650.40	Yes	0.704087
145	64647.90	Yes	0.813431

1160	76920.70	Yes	0.709678
1732	73623.80	Yes	0.264176
1949	72448.30	No	0.581004
1675	74659.30	No	0.951278
265	73637.00	Yes	0.916028
1031	75974.60	Yes	0.558315
455	75940.50	No	0.560969
1121	71482.90	Yes	0.501748
936	73133.90	Yes	0.466653
760	81157.40	Yes	0.00758
1079	64897.20	Yes	0.6461
1817	72086.70	Yes	0.619878
1027	74233.90	No	0.243718
1500	74354.80	Yes	0.289603
515	67973.00	No	0.539302
420	69612.50	Yes	0.76776
1390	74675.80	Yes	0.028096
895	69965.40	Yes	0.997879
141	67254.80	Yes	0.940664
1772	70069.60	No	0.535519
1489	73477.40	No	0.296491
1723	74471.70	Yes	0.330007
666	78692.50	No	0.068918
1419	73100.40	Yes	0.299533
160	76740.90	No	0.821942
1013	72716.90	Yes	0.663274
1407	78237.40	Yes	0.698655
607	70813.60	Yes	0.816079
1694	70673.40	Yes	0.418787
879	72865.60	Yes	0.120613
46	63754.70	Yes	0.798083
714	73896.10	Yes	0.843777
620	64298.60	No	0.609281
428	75808.60	Yes	0.738708
1963	76047.40	Yes	0.637865
142	83538.70	No	0.878457
1152	66945.90	No	0.114499
704	74896.60	Yes	0.580703
606	75875.80	No	0.963074
468	72891.20	No	0.13084

1166	64712.50	No	0.94842
672	71172.00	Yes	0.287992
122	67560.80	No	0.486275
320	70064.90	No	0.829006
1146	65214.20	No	0.470437
736	74820.50	Yes	0.135157
1368	61173.10	No	0.785579
1891	70466.10	Yes	0.837078
1882	76976.20	Yes	0.68683
696	72879.90	Yes	0.827314
232	74164.80	No	0.316149
1693	64360.30	No	0.001289
517	75513.50	Yes	0.287123
694	77172.60	Yes	0.225065
680	69886.50	Yes	0.711259
326	71751.80	Yes	0.051545
1248	71235.50	Yes	0.818698
27	72386.20	Yes	0.251039
920	68298.20	Yes	0.18139
1377	69286.30	Yes	0.75565
1619	68607.20	No	0.455455
1201	74316.60	Yes	0.799073
579	71260.30	No	0.207871
23	73372.50	No	0.861532
1584	76629.70	Yes	0.173419
1893	68966.00	No	0.50778
545	74729.00	Yes	0.189719
1958	76415.80	No	0.361723
1875	68992.50	Yes	0.090254
1358	74006.70	Yes	0.079939
548	64408.40	Yes	0.566856
522	74057.10	No	0.242196
605	75976.70	Yes	0.308013
41	77279.20	Yes	0.336024
152	79098.20	Yes	0.024741
1038	69122.20	No	0.040821
56	70135.50	No	0.974348
815	72342.10	Yes	0.922194
1737	70077.40	Yes	0.593374
726	75900.10	Yes	0.80886

1698	77309.10	No	0.759196
367	78316.30	Yes	0.61065
1705	64411.80	Yes	0.635357
1435	75917.50	Yes	0.808963
1653	71838.70	Yes	0.016238
1299	75949.80	Yes	0.364086
1049	67648.10	Yes	0.898953
414	71258.10	Yes	0.26489
1398	69214.30	Yes	0.241883
62	69569.50	No	0.946445
875	67862.70	No	0.129875
784	64244.30	No	0.457015
1599	75925.70	Yes	0.342505
720	77389.00	Yes	0.93231
721	74077.10	No	0.574831
1660	69574.50	Yes	0.032398
1210	73406.80	No	0.387248
530	80795.30	Yes	0.80982
1255	66543.70	No	0.542607
1858	68863.80	No	0.415011
912	68177.20	No	0.394153
324	73927.50	Yes	0.0181
1334	74496.40	Yes	0.164447
1646	76386.70	Yes	0.059369
1676	73529.10	Yes	0.435269
1967	65881.10	No	0.539219
596	67896.70	No	0.34847
1835	65919.80	Yes	0.488787
611	75218.70	No	0.917809
614	65137.70	No	0.040533
777	73314.50	No	0.742601
501	78051.20	No	0.91521
264	75690.00	Yes	0.595708
194	68368.30	Yes	0.894733
686	76833.50	Yes	0.43967
1184	69950.70	Yes	0.405777
1864	65889.50	Yes	0.785047
44	74276.00	No	0.134913
103	69129.50	Yes	0.080443
1440	73664.40	Yes	0.177365

39	66940.10	Yes	0.256824
10	71255.00	No	0.436001
1217	75218.70	Yes	0.263143
221	75170.30	Yes	0.016746
852	73371.20	No	0.787889
1507	73804.20	Yes	0.432076
149	71618.50	Yes	0.664442
1497	68302.30	No	0.806748
1542	77399.30	No	0.274036
603	73188.20	Yes	0.623581
847	74616.40	Yes	0.084705
1919	76651.50	No	0.433827
1409	73007.30	Yes	0.350536
761	72429.10	Yes	0.497567
1863	73799.70	Yes	0.251477
1746	72888.10	Yes	0.913814
983	72733.20	No	0.694028
479	66058.70	No	0.514103
412	77277.70	No	0.433764
1208	69645.60	No	0.878374
1519	75933.40	Yes	0.512823
1249	71409.70	No	0.346553
437	67507.90	No	0.374324
40	70131.20	No	0.158931
200	70296.00	Yes	0.655912
1376	66593.20	No	0.71932
1406	69590.60	No	0.467159
482	76431.00	No	0.160664
866	64661.60	No	0.080869
447	68336.10	Yes	0.905155
1951	70649.70	Yes	0.402889
251	61556.10	Yes	0.608544
864	77780.70	Yes	0.249267
25	75738.10	Yes	0.957127
57	72496.60	No	0.405644
1118	75863.70	No	0.451905
236	72722.20	Yes	0.530299
299	68574.90	No	0.734014
1663	72858.70	No	0.227344
664	69067.60	No	0.685873

1541	69151.80	No	0.730322
946	77173.30	No	0.175428
222	67047.00	Yes	0.547009
1401	72983.30	No	0.835725
1957	70820.50	No	0.879687
302	63146.00	Yes	0.537793
290	78371.50	No	0.150572
216	72689.00	Yes	0.476863
471	69484.20	No	0.794776
277	65401.50	Yes	0.646479
842	65536.20	No	0.66281
1294	72235.10	Yes	0.899085
1258	70979.40	Yes	0.165884
774	65661.10	No	0.162088
1132	70388.90	Yes	0.966064
785	70432.30	Yes	0.990762
465	71299.80	No	0.059893
1959	67393.50	No	0.663656
641	73120.70	No	0.716632
1341	80841.40	Yes	0.198446
1215	71815.10	Yes	0.822207
491	74362.30	Yes	0.116576
844	71766.00	Yes	0.042256
1191	73862.70	Yes	0.355191
1322	70111.40	No	0.310146
978	71855.80	Yes	0.231696
1023	70267.00	Yes	0.282141
470	69092.30	Yes	0.06478
376	74006.70	Yes	0.415632
1545	70404.60	Yes	0.268264
201	68565.50	No	0.834418
711	70878.30	Yes	0.431606
800	75041.20	Yes	0.99086
827	67298.70	No	0.851652
1190	68835.10	No	0.298376
845	75724.90	Yes	0.534341
1289	75314.90	Yes	0.481568
83	66150.00	No	0.652687
1721	64255.30	No	0.095679
634	71339.40	Yes	0.995305

1572	76664.70	No	0.004632
636	69688.80	No	0.545863
1156	69643.40	No	0.644734
1600	75313.60	Yes	0.430307
429	64275.30	Yes	0.885936
698	70127.10	No	0.204597
904	69289.30	No	0.461525
1906	66663.90	No	0.21234
204	68398.50	No	0.689043
908	71960.80	Yes	0.492382
139	78609.40	Yes	0.35189
1301	65715.50	No	0.234833
1825	69265.60	No	0.068989
808	78384.10	Yes	0.320742
1227	71226.90	No	0.873472
1140	73988.00	Yes	0.096952
218	72184.50	Yes	0.264254
1186	74531.50	Yes	0.239205
1088	69175.50	No	0.642885
1297	76375.20	Yes	0.874177
1865	74667.10	No	0.079837
1222	76824.90	Yes	0.962952
261	64348.10	Yes	0.300637
547	68285.60	Yes	0.887521
186	75504.70	No	0.091126
574	72392.70	Yes	0.356607
1028	71641.80	No	0.290197
1904	64247.90	No	0.401281
207	67787.90	No	0.012635
893	74475.10	Yes	0.163978
247	76412.90	No	0.381577
1601	73031.90	Yes	0.717274
208	76565.60	Yes	0.006756
1775	61187.40	Yes	0.562185
174	67648.10	Yes	0.061173
1679	74628.80	Yes	0.456714
239	67616.20	No	0.269225
1382	68039.30	No	0.099438
766	77365.30	Yes	0.677153
1481	72172.90	Yes	0.919163

1254	70513.40	No	0.158575
1373	70974.40	No	0.833291
492	64700.60	No	0.79026
1253	70000.10	Yes	0.552308
1587	73117.20	Yes	0.85044
818	71609.70	Yes	0.293617
112	72210.80	No	0.487803
1741	75858.60	Yes	0.203237
1776	70877.60	No	0.104703
1014	71141.90	No	0.894059
190	79049.00	Yes	0.722242
1315	67166.40	Yes	0.17303
1773	71813.30	No	0.478494
1187	71150.90	No	0.979897
1319	70811.70	Yes	0.837673
569	70889.00	No	0.587017
513	70218.60	No	0.541637
1589	77154.20	No	0.418156
1277	71922.80	No	0.558064
1466	65136.50	No	0.313914
1418	67762.30	Yes	0.030057
554	71108.00	Yes	0.147587
1463	75882.90	Yes	0.482235
1113	73528.70	Yes	0.500592
841	77084.60	Yes	0.377243
1399	79760.80	Yes	0.180913
385	67716.30	Yes	0.314331
49	66833.50	No	0.955881
120	71754.50	No	0.943926
1030	68725.30	No	0.250096
1533	79758.70	No	0.333026
594	74383.60	Yes	0.435411
900	68219.80	Yes	0.915111
1107	70460.90	Yes	0.135005
1082	72568.00	No	0.6595
678	79159.70	No	0.074866
1522	71641.20	Yes	0.0162
1413	74488.40	No	0.128783
1928	72930.90	No	0.955959
1452	71579.00	Yes	0.419639

690	73896.40	Yes	0.511191
1649	67677.10	No	0.382283
380	70428.40	Yes	0.476034
1955	76281.10	Yes	0.835286
1125	71959.90	No	0.160797
1173	76031.00	Yes	0.730057
1007	73310.20	No	0.486913
1638	70325.30	No	0.882324
1521	68786.60	No	0.819759
1643	75410.40	Yes	0.391814
1083	75187.10	No	0.723162
506	71441.40	Yes	0.647932
552	78407.10	Yes	0.741686
478	69963.00	No	0.301474
1474	69740.20	No	0.14131
1716	70750.40	Yes	0.673483
1047	71110.20	Yes	0.656391
330	75251.90	No	0.213349
377	76841.50	No	0.268148
126	68537.60	No	0.094051
1483	74652.60	Yes	0.611363
1055	67315.60	No	0.191276
1813	69909.90	No	0.805336
223	65365.80	No	0.862832
1950	72066.10	Yes	0.118486
987	74658.50	No	0.960086
707	79426.30	Yes	0.729006
1335	75160.80	Yes	0.510561
1720	80878.80	Yes	0.414305
1402	74742.90	Yes	0.513442
778	81100.10	Yes	0.365769
1395	73109.50	Yes	0.356641
131	64406.70	Yes	0.032228
362	73979.20	No	0.649966
1015	74350.40	No	0.648506
610	75526.00	Yes	0.426371
119	62104.00	No	0.178478
1240	74439.20	Yes	0.872169
923	66155.90	No	0.306452
100	68806.20	No	0.9511

371	71950.70	Yes	0.749637
1214	71248.20	No	0.756098
856	77837.50	No	0.596992
1743	73672.60	Yes	0.771314
1593	70265.60	Yes	0.196298
1375	69189.60	Yes	0.757596
1176	74659.30	Yes	0.697427
1547	67962.70	No	0.988762
397	71873.30	No	0.647331
1223	64660.10	Yes	0.628304
877	69966.70	Yes	0.631428
185	72461.90	Yes	0.182452
151	78058.30	Yes	0.139694
3	68408.20	No	0.726455
982	69132.20	No	0.752706
105	68568.50	Yes	0.492581
1645	72800.60	No	0.617849
1898	73606.30	Yes	0.940596
540	67409.30	Yes	0.139219
1360	72706.30	No	0.617141
1621	68916.70	No	0.300271
1300	69259.60	No	0.005296
1239	70472.60	No	0.05262
82	72034.90	Yes	0.7089
564	67984.20	No	0.221476
167	72935.30	Yes	0.051832
503	74328.10	No	0.121892
45	69879.60	Yes	0.265921
1185	66081.20	No	0.25295
1361	70307.20	Yes	0.357795
1004	72088.20	No	0.224346
811	67616.70	No	0.414118
1626	69586.30	Yes	0.582506
426	71553.20	No	0.887786
1019	72323.90	Yes	0.225074
464	74923.10	Yes	0.25741
1916	74453.90	Yes	0.760198
972	71905.10	No	0.032568
1745	69199.50	No	0.392003
485	72846.70	Yes	0.210588

220	67212.10	No	0.578652
568	68376.70	Yes	0.034665
1298	71926.50	No	0.341358
329	72375.10	Yes	0.231705
1708	62193.80	No	0.921754
591	70276.20	Yes	0.094072
1830	67172.50	No	0.529725
597	70132.80	Yes	0.717385
11	72546.60	No	0.979147
1250	72114.60	No	0.408806
930	72756.70	Yes	0.356849
50	69285.50	Yes	0.036307
1735	70615.80	Yes	0.038372
333	67151.30	No	0.233783
1040	74287.50	No	0.93142
372	67207.90	Yes	0.56696
612	71468.80	Yes	0.603969
425	74495.20	Yes	0.956388
1631	72247.10	Yes	0.592944
287	74314.00	Yes	0.04382
1839	73899.20	Yes	0.407613
418	71350.20	No	0.368892
531	78807.10	No	0.719452
231	71173.20	No	0.58265
278	71564.70	No	0.436148
1571	77491.60	Yes	0.856039
1380	67321.40	Yes	0.777188
772	81104.30	No	0.582144
1783	71722.70	No	0.074758
458	69508.10	No	0.680305
1561	69077.70	Yes	0.723565
1332	72809.50	Yes	0.69214
346	80785.10	Yes	0.388144
697	72604.50	Yes	0.883659
43	66482.10	Yes	0.62762
1537	73451.80	Yes	0.337484
415	68437.70	No	0.388832
267	70385.60	Yes	0.486737
906	69080.80	No	0.888037
1445	68254.10	Yes	0.089354

1100	69264.90	Yes	0.518582
1109	75929.80	Yes	0.10487
682	70904.40	Yes	0.04037
1124	72768.00	Yes	0.245782
1163	69260.40	No	0.004026
1885	75869.70	Yes	0.982341
1528	74231.00	No	0.333574
812	69094.30	Yes	0.57703
502	75346.10	Yes	0.811769
233	80893.10	Yes	0.473846
354	77929.70	No	0.419094
1476	76128.50	No	0.852439
16	64652.50	Yes	0.403388
674	75068.50	Yes	0.099715
1764	70959.00	Yes	0.260679
1433	65814.50	Yes	0.074407
924	72684.40	No	0.338733
608	72987.80	Yes	0.494899
86	64834.90	No	0.7918
935	70081.70	Yes	0.390147
993	77332.40	Yes	0.335787
13	71753.00	Yes	0.201217
729	71565.50	Yes	0.217579
1678	71835.90	Yes	0.870352
343	70616.40	No	0.930593
1438	69684.20	Yes	0.528388
1844	69463.40	No	0.367714
1259	70379.10	No	0.610625
1317	67959.30	Yes	0.078117
1128	73162.00	No	0.853705
662	74197.10	Yes	0.088532
1306	65579.90	Yes	0.842863
1641	72534.80	Yes	0.437088
1524	75581.30	Yes	0.953622
345	72116.10	No	0.418052
1917	73739.10	Yes	0.410154
469	70130.10	Yes	0.081329
1677	66716.40	Yes	0.238729
759	70792.00	No	0.785915
1261	76811.10	Yes	0.781684

1625	72214.20	Yes	0.618116
1400	64351.60	No	0.260618
1353	79720.80	Yes	0.08017
1367	73621.80	Yes	0.269912
1456	72194.40	Yes	0.255207
1339	73986.60	Yes	0.304716
1141	73457.10	No	0.432824
512	62488.70	Yes	0.643585
821	72480.80	No	0.699002
1389	74455.80	Yes	0.413982
1684	71633.60	Yes	0.150412
1123	70162.60	Yes	0.737017
1575	69755.70	Yes	0.690914
1001	69643.40	Yes	0.022164
1798	68759.50	No	0.785782
1029	69633.10	Yes	0.468314
28	71051.60	Yes	0.80777
671	68973.90	Yes	0.769851
109	74594.70	No	0.218215
1742	73463.10	No	0.899986
1527	77368.40	Yes	0.496767
1320	69003.10	Yes	0.613167
639	65656.10	Yes	0.072498
132	74034.40	Yes	0.636112
919	70031.70	No	0.139342
162	70374.50	No	0.617183
1061	72925.20	No	0.241373
378	75297.60	Yes	0.003286
853	68840.70	Yes	0.237522
1158	74271.60	No	0.571663
1908	79459.10	Yes	0.093116
490	76427.50	Yes	0.995685
1454	77304.50	Yes	0.115305
1473	74186.20	Yes	0.763029
1392	69933.60	Yes	0.417325
1592	74576.90	Yes	0.467639
1282	72422.90	No	0.442815
1268	65223.70	No	0.713713
1416	70168.30	No	0.836442
555	71860.10	Yes	0.403262

970	69918.10	No	0.81208
882	70173.60	No	0.578458
1321	68451.70	Yes	0.01079
459	74772.40	Yes	0.708548
1045	69845.00	No	0.482991
1352	71816.70	Yes	0.98125
1234	68834.70	No	0.628624
631	71317.80	Yes	0.266753
26	72975.10	Yes	0.37452
1629	66218.90	Yes	0.399209
1122	74272.40	Yes	0.600926
87	69082.80	No	0.948649
534	76032.10	Yes	0.155483
820	72793.90	No	0.409602
593	73406.50	Yes	0.796292
1553	64600.20	No	0.418391
583	65098.00	No	0.805396
169	67988.50	No	0.266599
676	78688.50	No	0.534184
617	66418.50	No	0.069549
210	73635.30	Yes	0.911969
1713	70850.80	No	0.402484
868	72260.90	Yes	0.904545
1734	72152.60	Yes	0.3178
566	80496.60	Yes	0.27595
1468	64327.00	No	0.248627
1566	70177.30	No	0.178793
1606	71404.40	Yes	0.776051
1281	75003.20	Yes	0.420365
734	68573.60	Yes	0.427076
1323	72643.70	Yes	0.805523
689	77565.70	Yes	0.995858
448	78327.50	No	0.951978
295	75008.70	Yes	0.438422
1674	71144.70	No	0.91419
1827	69189.20	No	0.774323
476	66830.90	No	0.153843
613	78310.80	Yes	0.439649
285	76749.30	Yes	0.432755
885	78766.40	Yes	0.158717

438	67455.90	No	0.354438
703	68683.70	No	0.670376
1114	67596.90	Yes	0.383693
1774	73283.70	Yes	0.980703
585	71987.70	Yes	0.968868
1391	66097.50	Yes	0.82795
1779	71360.40	Yes	0.008653
1518	66275.80	Yes	0.561248
824	73409.10	Yes	0.09561
1730	72880.20	Yes	0.7765
102	66089.70	Yes	0.136088
723	77807.30	No	0.50545
1683	70807.50	No	0.952177
1180	64013.70	Yes	0.835293
589	79298.20	Yes	0.389916
670	76657.80	Yes	0.124284
1405	81841.70	Yes	0.028354
480	69607.10	No	0.93588
1022	71346.50	No	0.881521
244	66174.30	Yes	0.421339
787	73974.60	Yes	0.164062
561	71416.20	Yes	0.9682
229	68565.00	Yes	0.417448
483	73043.40	Yes	0.020713
829	72614.70	Yes	0.406369
1444	71469.40	No	0.496259
1069	72460.70	Yes	0.561071
1388	74091.10	No	0.985829
576	77610.80	Yes	0.313546
709	77948.90	Yes	0.343002
95	69793.10	Yes	0.283412
477	77283.00	No	0.577692
1037	73559.50	No	0.872019
99	70788.80	Yes	0.534453
1133	80958.80	No	0.493992
1668	66227.10	Yes	0.350914
37	69558.00	Yes	0.040172
938	76617.90	No	0.864576
1348	74549.90	Yes	0.705025
1877	70440.80	No	0.617485

1682	69947.30	No	0.234973
282	76986.60	Yes	0.758053
7	78346.60	Yes	0.816851
1836	67404.30	Yes	0.447568
1846	68467.00	No	0.739631
1012	64844.70	Yes	0.809091
269	74857.60	Yes	0.897553
1811	66733.70	No	0.953556
20	73706.30	Yes	0.86361
1303	68565.00	Yes	0.114058
650	77264.70	Yes	0.308063
1357	70535.70	Yes	0.626276
88	78829.10	Yes	0.371195
92	72264.00	No	0.008351
1104	75759.70	No	0.629056
1710	76930.90	Yes	0.522892
716	71418.70	No	0.703687
268	73307.60	No	0.000823
422	67047.00	Yes	0.726876
1724	69025.10	Yes	0.254699
1485	70845.10	No	0.904325
1731	71885.50	No	0.782371
413	74842.20	Yes	0.055164
1866	73549.10	Yes	0.75421
1159	63038.00	Yes	0.416875
1285	75520.00	Yes	0.570536
1057	68696.20	No	0.678778
389	70863.10	Yes	0.623007
1171	73184.30	Yes	0.874717
1216	74092.10	No	0.097164
1768	72407.50	No	0.834731
1661	65886.70	Yes	0.051451
966	79792.90	Yes	0.741118
1831	72197.40	Yes	0.744863
1204	68093.60	Yes	0.285454
1194	72134.80	Yes	0.495005
171	78382.90	Yes	0.704498
1073	69162.90	No	0.451185
1812	71712.60	Yes	0.657935
489	71660.20	Yes	0.929499

1556	72740.40	Yes	0.901062
1552	74626.90	Yes	0.879825
1446	77002.60	Yes	0.123036
1177	68898.70	Yes	0.222559
1033	68909.90	Yes	0.652681
713	66825.50	Yes	0.287266
133	68968.80	Yes	0.943645
1274	69954.80	No	0.288844
1525	76387.90	Yes	0.943689
289	70625.10	Yes	0.488841
786	69863.30	No	0.122518
331	79256.10	Yes	0.3692
1647	67961.30	Yes	0.014256
340	73855.40	Yes	0.842761
1032	70474.20	No	0.839407
665	73834.60	Yes	0.453917
254	74880.70	Yes	0.63316
1087	77683.90	Yes	0.564816
544	74212.00	No	0.242983
654	63289.60	No	0.322111
943	79580.00	Yes	0.205358
542	67154.90	No	0.206529
921	67524.90	Yes	0.37083
1555	72286.40	No	0.826349
1168	72263.70	Yes	0.229382
72	73665.50	No	0.451499
1576	69791.70	No	0.20712
1650	74246.30	No	0.696721
1381	77757.10	Yes	0.570628
997	72039.50	Yes	0.432488
365	67758.20	No	0.318954
1112	73966.80	Yes	0.477947
241	68117.30	Yes	0.96622
1053	66152.60	No	0.642844
1425	77680.30	No	0.887631
1801	75609.60	No	0.934138
1784	72271.40	Yes	0.215066
700	66689.20	Yes	0.075471
955	68290.10	No	0.180077
837	74106.80	Yes	0.881488

869	70504.30	Yes	0.19833
1897	70200.00	Yes	0.89854
1943	75170.30	No	0.900036
1197	71634.20	No	0.594038
1913	73849.10	No	0.877305
964	71390.90	Yes	0.775548
1150	74307.70	Yes	0.172563
1453	71016.90	Yes	0.489824
1224	72072.30	Yes	0.746337
1759	74955.20	Yes	0.838431
1816	68633.40	No	0.317391
1450	66099.20	No	0.522184
184	78070.40	No	0.41307
728	70395.10	Yes	0.85721
1135	70473.20	Yes	0.043988
992	69154.80	No	0.037981
294	65130.30	No	0.141101
1700	75320.70	Yes	0.144611
1842	71135.10	Yes	0.393842
793	78329.70	Yes	0.963581
108	72755.50	Yes	0.425316
857	68446.90	No	0.990222
551	70253.40	No	0.618758
1241	70842.90	Yes	0.407846
626	65729.10	No	0.423072
1280	71594.60	No	0.722981
36	75392.80	Yes	0.120683
392	69201.70	Yes	0.823056
253	64355.10	Yes	0.292253
779	74641.70	Yes	0.485666
1093	76170.90	No	0.584849
48	70487.80	Yes	0.36792
1106	64912.10	Yes	0.670251
1833	70806.90	No	0.753061
1351	68889.50	No	0.085277
995	69580.20	Yes	0.038031
638	72854.90	No	0.366115
1244	64928.40	Yes	0.435663
1461	72973.10	Yes	0.285457
111	77995.70	Yes	0.337659

756	67251.20	No	0.403061
1867	67769.50	No	0.374163
604	68410.40	No	0.833015
1493	70124.40	No	0.690196
669	66757.70	No	0.773047
1362	69356.40	Yes	0.964838
830	67518.90	No	0.44999
945	71361.00	Yes	0.173371
317	69604.90	No	0.973951
228	72183.90	No	0.863851
1861	73745.20	Yes	0.035406
297	70811.70	No	0.016012
307	67167.00	No	0.874682
1969	78977.30	Yes	0.631343
1654	64980.00	Yes	0.823054
630	77195.50	Yes	0.072024
1080	75917.00	Yes	0.652475
1586	70595.60	No	0.057933
182	71858.90	No	0.753107
1263	73440.20	Yes	0.385978
1605	68702.90	No	0.762289
1669	77223.90	Yes	0.169761
1295	66733.00	Yes	0.38078
655	71165.80	No	0.980503
1447	66898.40	Yes	0.975721
1086	74237.50	Yes	0.116735
1940	67974.00	No	0.034706
1467	77681.20	Yes	0.199134
640	67655.50	Yes	0.780241
1272	73649.90	Yes	0.190984
989	73612.70	Yes	0.108784
358	76866.80	Yes	0.003701
1535	78514.50	Yes	0.261733
932	78194.60	Yes	0.710811
1627	71326.50	No	0.046348
1936	64207.30	Yes	0.709156
249	73492.00	No	0.187209
510	67923.90	No	0.057025
96	74155.40	Yes	0.695985
1496	72523.60	Yes	0.65402

750	69888.90	Yes	0.632935
417	64216.60	Yes	0.852742
681	68194.40	Yes	0.185238
861	70822.40	No	0.037127
1484	77037.70	Yes	0.836669
1344	65611.60	Yes	0.074157
1771	69636.00	No	0.799416
15	68052.20	No	0.613787
1845	69699.80	No	0.3338
653	78603.10	Yes	0.344281
1582	70023.20	Yes	0.668233
1526	71265.90	Yes	0.585749
525	76673.50	No	0.693035
1760	72863.70	No	0.354744
922	73539.10	Yes	0.192096
931	74947.80	Yes	0.469191
116	75591.20	Yes	0.321626
34	75339.40	Yes	0.288228
424	71042.20	No	0.92135
745	74035.80	Yes	0.822315
1205	74770.00	No	0.109925
541	72299.80	No	0.545287
421	70204.30	No	0.791806
209	66062.10	No	0.772221
173	72927.40	Yes	0.090158
1218	68332.00	No	0.898624
1762	78004.50	Yes	0.867497
1778	70966.20	No	0.541948
833	69200.60	Yes	0.659943
1151	65530.90	No	0.952495
1729	71048.50	No	0.953365
1937	71653.20	No	0.018947
1441	65498.10	Yes	0.00363
850	68447.80	No	0.848616
1000	73734.90	Yes	0.673971
206	79126.40	No	0.464695
1431	77857.00	Yes	0.807579
1397	71726.40	No	0.96623
1828	74989.90	No	0.029089
915	68032.10	No	0.018927

1935	72047.20	No	0.725982
1228	64714.00	Yes	0.92843
453	69724.10	Yes	0.369811
301	68037.30	No	0.047619
314	67984.70	Yes	0.835497
999	74290.40	Yes	0.735075
1733	63904.30	No	0.127009
1464	70801.20	No	0.901457
913	70200.30	Yes	0.677246
1270	67485.90	Yes	0.891588
819	73971.80	Yes	0.283545
47	76117.20	Yes	0.635832
1251	79151.70	Yes	0.761253
957	69761.30	No	0.901689
1712	72724.70	Yes	0.143957
284	74220.40	Yes	0.423019
1896	76010.60	Yes	0.425724
1750	70534.40	Yes	0.444469
1225	72679.30	Yes	0.987791
442	73520.00	Yes	0.329077
1536	80893.10	Yes	0.306309
1279	74970.90	No	0.699177
790	78618.20	No	0.617253
280	72351.00	Yes	0.351703
1869	64019.90	Yes	0.832433
1505	66137.40	Yes	0.152526
1145	67869.70	Yes	0.293796
1868	76293.50	No	0.8983
509	69974.30	No	0.981198
313	70578.50	No	0.396888
1162	69544.60	No	0.653495
990	60990.30	No	0.878326
1169	70678.50	No	0.657272
1578	74312.50	No	0.065029
1594	69814.10	No	0.876844
1129	68149.70	No	0.176505
1283	72221.90	Yes	0.311711
1384	67429.00	Yes	0.569849
1559	75958.10	No	0.971727
1855	67057.70	No	0.635833

1567	65831.60	No	0.43526
439	74034.70	Yes	0.865845
717	70978.10	No	0.364124
770	73715.10	Yes	0.266521
1157	70990.30	Yes	0.607713
1719	75153.10	Yes	0.095777
783	73844.30	Yes	0.501091
813	71413.70	No	0.629046
873	74551.50	Yes	0.704095
1832	73881.10	Yes	0.850965
624	73983.70	Yes	0.50808
742	71920.10	Yes	0.082757
1766	65613.70	Yes	0.269906
520	74063.50	Yes	0.823598
735	68937.90	No	0.344724
886	72395.10	Yes	0.434892
1620	78379.50	No	0.753465
1686	74293.00	No	0.749136
65	77655.80	Yes	0.86912
768	65844.80	Yes	0.868954
349	67846.70	No	0.279371
1346	72425.70	Yes	0.442893
214	75286.20	No	0.170376
339	67472.60	No	0.517276
644	77771.60	No	0.956199
1238	75496.40	Yes	0.428283
353	67137.30	Yes	0.54991
874	62857.60	Yes	0.02205
1515	74766.00	Yes	0.02995
1095	68739.70	Yes	0.206432
1785	71206.70	Yes	0.148985
260	70705.30	Yes	0.780817
927	73334.40	Yes	0.040287
291	66201.70	No	0.113931
692	70642.10	Yes	0.144545
80	75276.50	Yes	0.835429
203	64606.40	No	0.116422
364	76731.30	Yes	0.921298
1889	80686.40	No	0.370109
257	77790.80	Yes	0.289187

94	79284.60	Yes	0.568211
137	68555.60	No	0.591052
1460	72858.70	Yes	0.205726
1925	71081.80	No	0.86818
1026	70394.50	Yes	0.760119
691	77086.80	Yes	0.61092
170	73467.40	Yes	0.857652
1422	75353.70	Yes	0.046855
1568	76661.50	Yes	0.744567
494	69634.90	Yes	0.543517
648	67809.80	No	0.192054
168	75796.70	Yes	0.605818
1103	72401.30	Yes	0.777854
858	74403.40	Yes	0.922008
958	74472.80	Yes	0.150477
396	67031.30	Yes	0.591736
1965	73704.20	No	0.672878
592	65587.70	No	0.124513
754	75079.10	Yes	0.989115
744	75924.00	Yes	0.361214
1479	76870.10	Yes	0.698646
1326	68118.70	Yes	0.099123
1612	74009.50	Yes	0.589561
1854	74284.10	Yes	0.884765
69	74400.40	Yes	0.117353
1838	68772.70	No	0.171217
1754	70778.00	Yes	0.272703
1752	72461.90	No	0.449614
1490	71873.30	No	0.353934
521	69558.00	Yes	0.436273
177	69221.10	Yes	0.739647
1534	70299.30	No	0.685846
1695	70079.70	No	0.705485
445	76446.90	Yes	0.703834
1718	71713.50	Yes	0.254503
508	74823.30	Yes	0.554892
157	73872.00	No	0.542252
4	69787.50	No	0.553647
360	73169.40	Yes	0.909648
1819	72878.60	Yes	0.718466

909	73848.80	No	0.581907
588	66561.30	No	0.157299
1016	70638.50	No	0.705976
1286	73052.30	Yes	0.413823
851	67910.10	No	0.627232
1043	66649.00	Yes	0.17351
355	67287.10	No	0.622163
404	77161.60	Yes	0.530563
683	72944.20	Yes	0.385963
30	64956.50	No	0.35444
914	74488.00	Yes	0.074655
243	77115.60	Yes	0.42547
1310	68862.60	No	0.941858
570	71632.30	Yes	0.719293
1420	74106.50	Yes	0.628395
1569	75530.20	No	0.434626
633	78586.80	No	0.762209
1017	75470.10	Yes	0.435706
1697	72123.20	Yes	0.048375
1931	64979.70	Yes	0.818804
532	67736.50	Yes	0.900446
1632	78755.70	No	0.824101
1492	71599.90	Yes	0.148539
1878	72335.90	No	0.576738
1003	73963.00	Yes	0.5111
916	72519.00	Yes	0.245872
90	71036.00	No	0.62738
1961	76344.70	Yes	0.913178
1800	78429.10	Yes	0.183606
347	75264.20	Yes	0.406313
799	65255.60	No	0.827375
518	74333.70	Yes	0.225384
1065	68464.40	No	0.62327
679	65072.80	Yes	0.905371
24	74592.00	Yes	0.943991
971	65867.20	Yes	0.376699
1183	66796.50	Yes	0.347824
1530	70241.30	No	0.532358
1403	74156.10	Yes	0.044191
1018	64906.70	Yes	0.570906

106	71357.60	Yes	0.102607
1558	73277.90	No	0.259603
637	70001.20	No	0.830967
1052	71175.40	No	0.066368
357	69476.20	No	0.916265
1369	73217.70	Yes	0.347075
718	68463.50	Yes	0.039971
212	77657.60	Yes	0.691458
1264	68761.20	Yes	0.740878
1006	75688.80	Yes	0.035831
646	74900.60	Yes	0.551761
143	71759.10	No	0.455619
753	71382.60	No	0.35516
73	69149.80	Yes	0.012864
230	71368.10	No	0.366855
211	71012.90	No	0.31631
968	75541.90	Yes	0.325904
846	71153.70	Yes	0.236775
79	68331.10	Yes	0.358132
1172	65145.10	No	0.152978
1670	73687.50	Yes	0.937575
1054	74703.70	Yes	0.663215
1763	71632.60	Yes	0.631066
1105	70333.20	No	0.094393
1102	70077.70	No	0.044683
259	79564.50	Yes	0.179851
188	65891.30	No	0.253524
1245	71406.00	No	0.946822
1370	75636.70	No	0.242511
1503	68035.90	Yes	0.79335
405	73878.70	Yes	0.757083
1689	74879.90	Yes	0.71956
1136	71768.90	No	0.773591
573	71661.10	No	0.510153
123	63364.50	No	0.924791
60	72725.40	Yes	0.898579
1595	75760.70	No	0.874393
1879	77575.90	Yes	0.521665
1873	70362.70	Yes	0.861702
84	72030.90	Yes	0.36661

1850	76188.20	No	0.67818
1089	73990.80	Yes	0.805586
1451	71944.00	Yes	0.881198
1144	68209.10	Yes	0.952321
557	70835.00	Yes	0.075084
1902	70973.70	No	0.547037
831	74707.70	Yes	0.446249
739	78524.20	Yes	0.261404
1336	78682.40	Yes	0.422808
1613	71505.40	No	0.259313
701	67564.10	Yes	0.953442
12	69512.50	Yes	0.132224
826	75507.50	No	0.332497
341	73241.40	No	0.451426
848	77282.30	Yes	0.602993
1231	69486.70	No	0.441459
423	65581.90	Yes	0.162213
1449	76723.60	Yes	0.821232
533	74444.40	No	0.265721
1371	73585.70	Yes	0.249157
1127	68775.10	No	0.205879
1791	70216.90	Yes	0.861736
582	70602.00	No	0.628506
599	73890.80	Yes	0.126159
911	73407.80	Yes	0.822902
802	75451.40	Yes	0.438856
1563	78429.10	Yes	0.035496
1560	74633.10	Yes	0.134517
577	81159.10	No	0.771135
440	61283.40	No	0.465473
622	74018.70	Yes	0.675985
578	71842.10	Yes	0.098755
1462	71944.60	No	0.434501
1084	69518.30	Yes	0.242457
695	69308.00	Yes	0.467785
628	74136.30	No	0.011364
1459	69849.80	No	0.929615
113	71960.50	No	0.620609
386	70536.30	No	0.178727
379	69156.00	Yes	0.759697

1009	80841.90	Yes	0.519634
1020	72051.10	Yes	0.859981
1609	69167.80	Yes	0.938484
1025	68571.40	No	0.256357
308	75563.90	Yes	0.942574
1465	72325.10	Yes	0.531764
519	70081.70	No	0.299947
836	64669.20	Yes	0.799365
794	68696.20	No	0.424776
1659	69929.10	Yes	0.270452
1232	71316.00	No	0.715982
311	71534.20	No	0.419341
124	76716.60	Yes	0.083334
406	73709.70	Yes	0.21224
136	75670.20	Yes	0.209878
1823	66627.70	Yes	0.230333
1874	75772.50	Yes	0.855931
1415	67727.70	No	0.675503
1918	76438.10	No	0.808914
1161	69472.20	No	0.606877
529	66037.80	Yes	0.814199
1579	68187.40	Yes	0.642361
1119	76880.20	Yes	0.560436
1808	69747.60	No	0.041139
647	74219.30	Yes	0.265465
288	75962.70	Yes	0.542765
1469	68150.10	Yes	0.146683
558	75180.20	Yes	0.15687
5	72801.60	Yes	0.772579
902	76035.80	Yes	0.673847
538	67819.40	No	0.06618
888	66223.90	No	0.640675
328	81153.20	Yes	0.327905
493	75827.10	No	0.860962
431	68329.80	Yes	0.35376
1098	78253.70	No	0.516883
110	74975.40	No	0.934707
1840	74595.80	Yes	0.410261
202	79115.40	No	0.01475
1736	67393.50	No	0.076695

1394	69308.80	Yes	0.306805
1076	61354.80	Yes	0.304871
1789	76074.90	Yes	0.772791
1414	75035.70	Yes	0.222685
1046	75322.00	Yes	0.695958
1482	71814.80	Yes	0.792459
805	68672.40	No	0.47107
191	79496.10	Yes	0.253828
1787	75083.70	Yes	0.421001
258	73581.40	No	0.578575
42	75295.90	Yes	0.214889
587	70861.20	Yes	0.287279
1309	71360.70	Yes	0.113299
1523	74463.70	No	0.580344
138	70141.90	Yes	0.371714
1178	62591.10	Yes	0.262714
181	73576.00	Yes	0.663911
1502	70531.20	Yes	0.915536
81	71477.10	Yes	0.82029
1915	74570.70	Yes	0.418237
1851	70453.10	No	0.456507
1329	64481.90	Yes	0.652148
1219	80423.90	No	0.21007
1711	74363.80	Yes	0.535126
963	65408.10	No	0.060943
161	69943.80	Yes	0.116516
1333	68421.00	No	0.174872
1063	70957.40	Yes	0.121184
17	71764.90	Yes	0.020603
279	64435.40	Yes	0.372618
381	74499.40	Yes	0.354931
1810	74458.00	No	0.195619
1635	65008.60	Yes	0.875053
661	77560.70	Yes	0.180297
1880	75508.40	No	0.25972
1539	73891.50	Yes	0.30464
178	71362.20	Yes	0.506022
1318	79053.60	Yes	0.797564
462	71131.60	No	0.375833
31	71968.10	Yes	0.350431

1565	72755.80	Yes	0.169479
928	68788.60	Yes	0.762856
67	68689.10	No	0.209465
535	70593.60	No	0.624681
1948	70253.70	Yes	0.61414
1852	66348.00	Yes	0.082275
271	72211.10	No	0.311477
1314	80642.10	Yes	0.847358
1436	74985.80	Yes	0.662825
1356	75590.70	Yes	0.767985
235	79355.20	Yes	0.74278
460	72079.90	Yes	0.716356
1924	66634.10	No	0.251975
937	70494.00	No	0.5458
1790	72054.80	Yes	0.118779
618	80846.10	No	0.337593
1671	72277.50	No	0.261983
1034	72733.50	Yes	0.468656
1782	77268.40	No	0.522448
1549	69826.90	No	0.525879
1622	79574.20	Yes	0.847899
746	69420.20	No	0.653047
1905	79078.10	Yes	0.34078
667	77409.70	No	0.343575
1068	65424.60	No	0.748602
1235	67621.60	No	0.722136
199	75186.30	Yes	0.107907
1506	69581.30	No	0.558238
795	76760.30	Yes	0.146068
146	80036.20	Yes	0.444923
213	70484.90	No	0.19367
559	74671.80	Yes	0.281475
35	70113.40	No	0.506597
1900	74286.00	No	0.570846
838	63406.50	Yes	0.341819
1703	70349.30	Yes	0.93481
1021	71705.50	Yes	0.429179
474	73290.90	Yes	0.471274
321	70888.00	Yes	0.769124
101	69144.10	No	0.102865

1793	67336.90	Yes	0.647054
1598	75499.60	No	0.864866
1252	69269.80	Yes	0.559998
1651	80855.90	No	0.315937
1922	71416.50	Yes	0.122826
849	72557.20	Yes	0.716749
865	66682.20	Yes	0.688304
860	75558.30	No	0.466622
719	71760.90	No	0.495182
387	64994.20	Yes	0.28422
1580	71139.40	Yes	0.744822
872	71260.90	Yes	0.412213
1857	79085.80	Yes	0.131013
51	68523.40	Yes	0.544665
1292	68698.30	Yes	0.816935
1262	73988.70	No	0.829677
1624	69766.20	Yes	0.85209
775	74451.20	Yes	0.800294
809	71146.90	Yes	0.826404
1628	73332.80	No	0.134308
791	68243.20	Yes	0.816423
315	72551.20	No	0.927642
104	72304.10	Yes	0.051303
892	69527.30	Yes	0.432728
128	75179.30	Yes	0.459143
309	77319.20	No	0.267301
1914	73882.80	Yes	0.996668
642	70816.70	No	0.495464
616	71977.90	Yes	0.215445
393	66967.10	Yes	0.242634
419	71451.30	No	0.491521
1557	69142.90	Yes	0.680228
1847	73462.40	Yes	0.192635
969	76270.50	Yes	0.139107
312	67581.90	Yes	0.460267
917	73140.70	Yes	0.42513
1345	65800.20	Yes	0.98174
536	78950.90	Yes	0.632688
1748	74404.50	No	0.278623
444	71932.60	Yes	0.780153

523	69147.20	No	0.752727
776	71501.70	Yes	0.97362
1806	70264.30	No	0.994163
172	64924.30	Yes	0.744519
708	63904.30	No	0.498858
370	70743.80	No	0.608326
625	74410.50	Yes	0.205955
1511	68393.20	No	0.325908
743	71809.30	No	0.538355
1199	75579.40	Yes	0.782783
1203	70600.40	No	0.138938
1923	70131.50	No	0.140399
1704	61290.20	No	0.829681
507	66437.60	No	0.486286
1385	67704.30	No	0.092101
351	65380.40	No	0.008057
1807	76933.60	Yes	0.640449
897	64480.30	Yes	0.178896
1059	74271.30	Yes	0.751671
1834	69676.40	Yes	0.482497
1550	72019.90	Yes	0.439468
1702	70962.80	No	0.745774
934	75349.70	Yes	0.993312
1477	80268.80	Yes	0.200112
1325	75351.90	Yes	0.770748
1188	72748.60	No	0.893274
1818	74691.50	Yes	0.88797
130	71548.90	No	0.428494
348	74318.80	Yes	0.127033
498	76389.60	No	0.519584
226	72185.50	Yes	0.338959
590	73869.60	Yes	0.321341
382	75450.40	Yes	0.232589
504	67210.90	Yes	0.638735
660	72120.10	Yes	0.399282
1927	66038.60	Yes	0.433637
399	68378.10	No	0.327517
890	69674.00	No	0.431633
1131	74000.30	No	0.58274
293	74662.80	Yes	0.196388

1347	75811.10	Yes	0.876251
1154	66752.90	Yes	0.174666
537	74024.80	Yes	0.870299
1429	66170.10	No	0.837106
1494	76053.20	Yes	0.426843
1058	69657.30	No	0.018026
318	74285.60	Yes	0.688805
1372	73740.40	Yes	0.312678
1591	77888.80	No	0.028342
727	63271.90	Yes	0.710936
1887	79481.20	Yes	0.694856
601	65226.10	No	0.842202
1546	71218.80	No	0.010748
373	71205.50	Yes	0.217496
1970	66601.90	Yes	0.287527
1165	72726.30	Yes	0.730161
1116	70603.90	No	0.898365
1094	79843.50	Yes	0.499554
1383	80038.60	Yes	0.546051
368	68641.80	No	0.654304
1907	75769.00	Yes	0.35385
1895	69473.20	Yes	0.711305
1408	71003.20	Yes	0.779497
1796	65377.00	Yes	0.8284
657	74001.10	Yes	0.115714
619	76120.40	No	0.056294
71	71384.10	Yes	0.702985
567	79752.30	Yes	0.590138
940	70888.60	Yes	0.227299
403	68092.70	Yes	0.806918
1153	75455.00	No	0.464705
758	69219.20	Yes	0.408785
539	78727.80	Yes	0.464339
9	70246.80	Yes	0.286281
1690	73363.70	Yes	0.096113
1304	61984.50	No	0.803257
621	69415.40	No	0.887593
198	66739.20	Yes	0.074168
179	75109.70	Yes	0.187073
245	62905.30	No	0.094433

941	72413.70	Yes	0.854817
828	69395.20	Yes	0.049141
450	72510.00	Yes	0.363011
262	74644.10	Yes	0.675541
1142	70636.00	Yes	0.649008
962	72303.20	Yes	0.66797
553	73069.30	Yes	0.089004
1964	70671.50	Yes	0.9844
1726	76340.10	Yes	0.595642
562	66604.00	No	0.441352
1617	76082.90	Yes	0.538897
1233	71278.50	Yes	0.680632
336	70047.00	No	0.243017
472	76965.20	Yes	0.22975
1475	64231.40	Yes	0.718235
1652	77122.90	Yes	0.042058
1767	72602.30	Yes	0.608668
947	61508.10	No	0.040186
1666	66000.80	No	0.307804
76	72097.10	Yes	0.344712
1577	72342.40	Yes	0.015115
1667	65610.60	Yes	0.590877
1062	77136.00	Yes	0.332984
1604	70839.50	No	0.633667
998	68757.10	Yes	0.522649
1155	73480.70	Yes	0.628427
77	76918.00	Yes	0.163267
1912	77190.30	Yes	0.431981
1246	68475.70	Yes	0.265051
64	71673.10	Yes	0.488438
1888	67361.10	No	0.216657
1826	72323.20	Yes	0.645853
205	75479.30	No	0.269881
1529	67215.70	Yes	0.805159
965	73332.80	Yes	0.856744
164	72306.90	Yes	0.366246
319	78628.30	Yes	0.949214
1120	74580.00	Yes	0.496319
451	65928.90	No	0.950114
1491	75394.10	No	0.116402

722	78801.60	No	0.876754
322	64321.80	No	0.240911
1597	69096.70	No	0.835215
839	75385.50	Yes	0.6054
1090	76005.30	No	0.555611
1056	80552.80	Yes	0.846331
1805	81778.60	Yes	0.634931
1164	76693.10	Yes	0.083866
407	74875.80	No	0.615089
1426	70104.60	Yes	0.540088
918	74743.30	Yes	0.905021
1035	71281.00	No	0.181559
823	69284.80	No	0.16214
1707	71646.40	Yes	0.386486
1243	72895.70	Yes	0.855906
762	68223.40	No	0.208253
452	74340.70	Yes	0.303001
1739	71516.70	Yes	0.319554
352	79530.00	Yes	0.819077
1302	68076.10	Yes	0.282816
659	74174.20	Yes	0.115344
38	73062.60	Yes	0.436866
595	68001.20	No	0.713665
1876	73895.70	Yes	0.320995
693	70373.90	Yes	0.910196
1024	66428.50	No	0.982395
14	73547.10	No	0.842424
1340	75643.40	Yes	0.64127
1091	76525.00	No	0.546771
54	64457.10	No	0.746448
1288	71555.40	No	0.360524
1213	74500.60	Yes	0.960909
255	69139.50	Yes	0.123056
1829	69962.60	No	0.477033
1788	67974.00	No	0.024651
276	65297.50	Yes	0.40012
939	72195.60	No	0.919794
929	69365.30	No	0.071956
1753	72165.50	Yes	0.339598
89	71814.20	Yes	0.711234

1941	75320.20	Yes	0.009598
724	70120.80	Yes	0.705033
18	65187.80	Yes	0.41437
863	68091.70	No	0.862171
1343	66042.10	No	0.712555
1744	70957.70	Yes	0.249629
563	69809.90	No	0.964427
1293	80798.10	Yes	0.309937
156	78154.60	Yes	0.46157
988	64530.60	No	0.581321
1715	74310.00	No	0.441141
78	72042.60	No	0.993972
673	75254.50	Yes	0.653034
1603	74192.40	Yes	0.593502
1884	71019.40	Yes	0.167371
19	69867.50	Yes	0.982725
1640	71546.50	Yes	0.030648
1115	72858.70	Yes	0.123362
1195	72059.70	Yes	0.234483
1284	65468.10	Yes	0.244081
1327	73563.20	Yes	0.878105
699	75218.70	Yes	0.750278
363	72403.80	Yes	0.30848
1070	74084.30	Yes	0.036053
903	71556.60	Yes	0.233526
388	70961.20	Yes	0.877216
737	70982.80	No	0.11915
435	73955.90	No	0.740094
602	67896.20	No	0.3035
140	68242.70	Yes	0.723265
1432	71879.40	No	0.510933
1944	70915.10	Yes	0.955731
598	73131.00	No	0.761697
1072	71532.70	No	0.395974
1804	69671.80	No	0.399007
663	68848.40	Yes	0.941936
1342	71059.70	Yes	0.767305
1859	74531.10	Yes	0.847579
974	73673.90	Yes	0.945376
356	69243.00	No	0.079917

33	72614.70	No	0.31463
1206	75353.20	Yes	0.111396
1820	64072.30	Yes	0.810525
528	72885.90	Yes	0.80606
1137	68739.30	No	0.953567
1182	76805.90	Yes	0.015237
1324	73161.00	Yes	0.642365
306	71867.50	Yes	0.200964
1837	71290.60	Yes	0.134171
817	76290.10	Yes	0.264044
527	68096.00	No	0.550879
374	73230.00	Yes	0.197171
1387	65922.60	Yes	0.028191
814	66366.80	Yes	0.103736
1092	63827.20	Yes	0.940497
1696	68535.90	Yes	0.051596
942	80718.40	Yes	0.240808
1064	71409.10	Yes	0.349361
731	70465.40	Yes	0.532725
1725	71564.60	No	0.121399
286	63257.00	No	0.462349
1044	77187.40	No	0.250745
350	76576.60	Yes	0.517391
1672	68538.50	Yes	0.677175
1543	75309.60	Yes	0.244588
1455	74715.20	Yes	0.984793
524	74430.10	No	0.503526
1486	71975.80	Yes	0.352039
1966	69617.40	No	0.596781
516	74197.80	Yes	0.296304
1815	77018.70	Yes	0.648793
215	72949.00	Yes	0.426646
1256	74058.60	Yes	0.696464
248	69187.70	Yes	0.048175
1717	77179.20	Yes	0.066986
1701	74070.30	Yes	0.129268
1590	70674.70	Yes	0.91061
384	68954.90	No	0.317641
749	77471.10	Yes	0.064218
1934	65342.10	No	0.150747

391	63860.60	No	0.386961
1520	69701.90	No	0.44234
1443	74928.50	Yes	0.743047
977	80684.80	No	0.090377
1761	74050.00	No	0.821193
526	72650.90	No	0.154015
1921	76311.60	No	0.10297
782	73262.90	No	0.967494
1803	73976.70	Yes	0.230014
889	68480.50	No	0.940353
816	75668.80	Yes	0.835693
1938	74331.10	Yes	0.770916
53	74854.70	No	0.460973
1968	75923.60	Yes	0.212967
1266	64857.20	No	0.990646
1658	73619.80	Yes	0.697726
473	75137.70	No	0.887464
1212	71882.10	Yes	0.851923
135	76366.50	Yes	0.988874
441	69346.70	No	0.103655
1196	70204.30	No	0.261509
973	74082.10	Yes	0.602358
1939	71596.50	Yes	0.01764
981	68079.90	No	0.10238
107	71694.80	Yes	0.732068
1312	81884.20	Yes	0.547958
733	65561.20	Yes	0.505859
310	73421.70	Yes	0.673111
635	68990.10	Yes	0.404086
59	65433.40	Yes	0.543055
996	75234.90	No	0.695411
1428	61187.40	Yes	0.788812
1607	73533.40	Yes	0.57678
1802	68650.60	Yes	0.355684
1050	67088.70	No	0.68992
334	66611.90	No	0.506983
158	66943.30	Yes	0.839426
763	72547.50	Yes	0.436306
951	77671.60	Yes	0.433575
488	69052.40	No	0.559547

1338	73782.60	No	0.408351
1573	70978.40	Yes	0.527704
1290	73332.50	Yes	0.495838
134	61198.80	Yes	0.53743
433	64974.50	No	0.044433
586	79859.10	Yes	0.75212
1664	72994.80	Yes	0.05213
1437	75916.50	No	0.589426
332	67055.20	Yes	0.00722
1130	76283.40	No	0.153903
316	72194.10	Yes	0.666313
1551	75128.70	No	0.624103
1610	69779.50	No	0.544538
125	70105.60	No	0.963934
411	76537.70	Yes	0.36677
195	66951.10	No	0.571706
769	68002.60	No	0.784614
1960	72526.40	Yes	0.527595
1198	70117.40	No	0.91118
1048	75788.30	Yes	0.652128
1740	71642.40	No	0.281418
843	79288.00	No	0.675642
114	70911.60	No	0.127852
1681	64194.20	Yes	0.934376
1662	70393.80	Yes	0.314653
1769	70264.30	No	0.688731
497	71249.20	Yes	0.226674
899	72952.50	No	0.846384
1872	68331.60	No	0.919175
1189	74984.60	Yes	0.723842
1273	70982.80	Yes	0.329116
375	71566.70	No	0.319043
454	73323.30	Yes	0.692952
1728	75439.50	Yes	0.080583
1544	75825.10	Yes	0.428839
1096	73746.20	Yes	0.902686
183	69589.60	Yes	0.237731
767	76435.80	Yes	0.823367
1585	73435.30	No	0.388212
1423	72630.30	Yes	0.816284

1271	69325.20	Yes	0.158654
1727	68669.50	Yes	0.376112
1751	72046.80	No	0.180026
752	71353.30	Yes	0.590008
907	67157.30	Yes	0.666924
1174	68495.30	No	0.045719
1615	75799.70	No	0.977253
1074	81116.80	Yes	0.704384
1933	68322.60	Yes	0.986163
1411	73263.90	Yes	0.858977
580	68118.70	No	0.019549
1229	61270.00	Yes	0.572758
1011	73482.70	Yes	0.872169
1814	70766.90	No	0.22355
495	72989.40	No	0.794309
880	72152.30	No	0.941253
1365	66190.90	Yes	0.139272
1794	73946.40	Yes	0.095787
712	70762.20	No	0.388527
1379	65173.20	Yes	0.005179
876	76660.90	No	0.428117
1337	70252.70	No	0.478934
1138	78250.40	Yes	0.805895
571	69052.40	Yes	0.444763
1499	72808.20	Yes	0.972525
252	77114.20	Yes	0.29621
1722	69968.50	No	0.039995
925	79683.70	Yes	0.3519
153	76035.80	No	0.268293
449	75260.70	Yes	0.508162
862	71511.20	Yes	0.774398
1378	69963.70	No	0.690048
1457	72250.10	Yes	0.468334
954	76089.30	No	0.531648
1366	75980.80	Yes	0.666949
1860	68687.90	Yes	0.615148
127	64119.60	Yes	0.231204
1331	75466.50	No	0.692986
1602	72504.10	Yes	0.562941
1892	76120.40	Yes	0.404283

1242	75537.70	Yes	0.331197
85	74049.30	No	0.798428
1434	68267.80	No	0.116967
732	71438.00	No	0.057175
1513	68482.30	No	0.147539
272	76803.20	No	0.615668
29	72095.60	Yes	0.093949
806	75820.10	Yes	0.706878
457	74523.10	Yes	0.880143
975	69860.90	No	0.959761
74	69958.20	Yes	0.51688
1901	68034.50	No	0.920565
609	74034.00	Yes	0.162284
1899	74996.60	Yes	0.262052
1665	77506.40	Yes	0.544396
1501	64260.80	No	0.801743
1945	70519.50	No	0.43934
1540	64104.00	Yes	0.637125
684	67991.50	No	0.827864
511	73933.10	No	0.774768
456	68037.30	Yes	0.93437
979	80610.60	No	0.384828
771	65545.60	Yes	0.88455
1795	69643.50	Yes	0.7918
651	71095.50	Yes	0.287676
747	72786.00	No	0.177742
1010	70574.70	Yes	0.706503
702	72740.70	Yes	0.611409
926	65523.60	Yes	0.981979
685	73880.70	No	0.010172
1478	75668.80	Yes	0.504009
486	69405.10	No	0.435192
556	72973.00	Yes	0.151133
66	79978.60	No	0.953307
1926	75701.10	Yes	0.258298
283	70458.60	No	0.261872
344	71447.00	Yes	0.182923
967	76675.40	No	0.714088
1947	71688.40	No	0.897541
1267	73614.70	Yes	0.781478

1780	77641.90	Yes	0.437447
436	75480.30	No	0.150594
1942	70694.40	No	0.263441
1134	75981.40	Yes	0.159679
1287	72959.80	Yes	0.681976
335	68191.60	No	0.500152
1517	69830.80	Yes	0.046466
238	74897.00	Yes	0.111925
175	71553.80	No	0.384871
292	72192.50	Yes	0.153649
738	72415.20	Yes	0.485886
796	76090.90	Yes	0.499268
1495	71589.70	No	0.908448
2	70823.00	Yes	0.951711
1042	67895.70	Yes	0.110552
1706	74405.30	Yes	0.57435
905	68933.10	Yes	0.890967
677	78506.10	No	0.699029
948	75145.80	Yes	0.318176
115	62638.00	Yes	0.20976
652	69270.20	No	0.613945
1211	72577.10	No	0.123841
1471	64970.50	No	0.192098
1656	70848.30	Yes	0.235766
1355	74206.90	No	0.722899
166	69134.10	Yes	0.131437
21	72039.50	Yes	0.144636
163	80859.10	Yes	0.379743
854	64769.50	Yes	0.001999
1170	74775.60	Yes	0.447644
1081	71746.60	No	0.107817
1886	75744.00	Yes	0.844719
883	63500.80	No	0.991426
61	65356.80	No	0.67279
1148	75365.30	Yes	0.599609
668	68142.70	Yes	0.168985
383	70574.70	No	0.593355
1583	72626.90	No	0.569105
1393	68103.10	Yes	0.773214
75	79026.40	Yes	0.34183

1554	69588.50	No	0.109804
32	72245.20	No	0.96689
840	71745.00	No	0.546217
1881	72141.90	No	0.685821
1531	72567.70	Yes	0.119395
1903	69542.10	No	0.62539
1316	74195.60	Yes	0.832979
296	72836.60	No	0.352374
1611	64129.30	Yes	0.224396
401	73825.90	Yes	0.27602
155	72658.70	Yes	0.034207
1364	73293.70	Yes	0.6458
896	75965.80	Yes	0.545726
765	74682.10	No	0.194552
496	73142.60	Yes	0.525073
801	77486.70	Yes	0.542299
1220	76662.20	No	0.873408
1110	73274.90	No	0.89203
303	77507.20	No	0.890263
1430	68584.60	No	0.499865
991	66981.20	No	0.22724
1749	81095.00	No	0.00568
70	70792.00	No	0.748976
1853	67182.10	Yes	0.022077
192	70602.60	Yes	0.102741
546	72795.60	Yes	0.761441
144	72707.50	Yes	0.971926
1758	75264.60	No	0.79352
337	69690.90	No	0.45887
1200	72905.50	Yes	0.642298
1946	63217.60	Yes	0.446757
1870	70143.20	No	0.798443
1354	72397.30	Yes	0.117999
1230	71955.30	Yes	0.854297
1396	77060.40	Yes	0.585445
984	76592.00	No	0.437328
398	75953.90	Yes	0.270458
323	70043.60	Yes	0.724281
402	72912.20	Yes	0.768832
1085	76387.90	No	0.863031

1143	68000.70	Yes	0.62336
52	69782.20	No	0.877298
1439	72419.50	No	0.991109
147	73166.20	Yes	0.880124
55	72475.50	Yes	0.672609
1956	69653.80	Yes	0.564274
1699	71416.20	Yes	0.99249
1642	73452.50	No	0.546257
953	76600.00	Yes	0.008715
8	66670.20	No	0.880521
93	71738.90	No	0.153707
1412	72554.40	Yes	0.810748
944	68505.70	Yes	0.835545
855	67972.50	No	0.784662
705	71377.30	No	0.782916
715	72003.30	Yes	0.825933
881	70925.70	Yes	0.653469
298	73036.30	Yes	0.957331
118	70879.80	Yes	0.913678
1192	75169.40	No	0.758493
1954	67368.50	Yes	0.645324
1657	71187.50	No	0.692767
1060	74790.00	Yes	0.798538
514	72819.90	Yes	0.994556
1051	70462.90	No	0.381239
1691	69502.70	Yes	0.133619
986	78924.80	No	0.512412
463	65544.50	Yes	0.048015
1374	73000.90	Yes	0.201241
1532	68979.50	No	0.605737
1909	69985.50	No	0.153329
430	83174.40	Yes	0.100845
1755	73668.20	Yes	0.910816
687	66295.00	Yes	0.644567
950	74294.10	Yes	0.028982
550	70754.60	Yes	0.877621
1067	75055.50	Yes	0.73525
154	66858.80	No	0.59815
1111	69118.30	No	0.201422
1636	72620.00	Yes	0.510947

427	74737.40	Yes	0.097624
1442	73574.30	Yes	0.356556
1470	67929.80	No	0.597183
165	66572.20	No	0.774279
773	66599.00	No	0.379909
1630	72199.60	Yes	0.842696
1756	66094.00	Yes	0.083127
1421	75460.50	Yes	0.203115
1005	70409.80	No	0.150951
1	75769.50	No	0.818959
1305	72828.00	Yes	0.191563
1276	67482.00	Yes	0.244048
1692	72388.00	Yes	0.962452
369	72381.90	Yes	0.518203
825	70641.10	No	0.238292
832	67767.90	Yes	0.58533
1608	72231.40	Yes	0.911336
1564	71107.10	Yes	0.870104
1738	73579.00	Yes	0.08803
1648	70914.80	No	0.124332
1039	77526.30	Yes	0.402925
159	66718.40	No	0.450963
98	68522.10	Yes	0.653296
901	74403.00	Yes	0.40006
263	65022.80	Yes	0.863026
645	71221.90	Yes	0.956942
240	68161.40	No	0.167323
891	74407.50	Yes	0.692566
956	75253.60	No	0.718747
623	72215.10	Yes	0.087404
1139	71111.70	No	0.914444
1841	73661.40	Yes	0.480029
1862	74152.20	Yes	0.256344
656	66576.50	Yes	0.837613
629	76479.50	Yes	0.929525
1952	69106.00	Yes	0.691038
275	72247.40	No	0.818504
1296	78532.70	Yes	0.06103
1709	75408.60	Yes	0.087201
959	71511.80	Yes	0.159185

549	71046.00	Yes	0.445338
97	71657.80	Yes	0.014636
1510	72839.70	Yes	0.490655
565	75976.70	Yes	0.038514
1078	71823.10	Yes	0.91757
1108	67435.80	Yes	0.819588
1410	80818.50	No	0.295988
1548	76008.50	Yes	0.838351
1714	71513.60	Yes	0.854433
1770	71466.30	Yes	0.170276
1330	77396.50	Yes	0.268646
1932	66692.70	No	0.024999
797	79562.50	No	0.08146
1910	71502.60	Yes	0.667159
1516	67554.80	Yes	0.517645
1930	72692.50	Yes	0.360033
803	76210.90	No	0.019538
475	73886.30	Yes	0.855855
658	77082.50	Yes	0.237162
1614	65483.20	Yes	0.48949
1637	75001.20	Yes	0.400231
1883	76207.10	No	0.077704
410	72981.80	No	0.830805
1655	76278.30	Yes	0.898369
822	70684.90	No	0.66493
234	67129.30	Yes	0.127699
1792	74461.50	Yes	0.652277
1581	73503.70	No	0.305089
952	76316.70	Yes	0.05282
1765	71894.10	Yes	0.339529
1570	72195.30	Yes	0.301502
327	68247.70	No	0.25658
1757	68794.80	Yes	0.312035
933	70293.10	Yes	0.232681
575	81077.00	No	0.334015
1247	67716.80	Yes	0.31123
224	74838.60	No	0.932555
256	78246.10	Yes	0.241595
22	72973.60	No	0.404045
1008	66055.20	No	0.423642

225	70190.00	No	0.426707
1843	74474.70	Yes	0.949902
1799	63113.90	Yes	0.844876
1071	67915.50	Yes	0.876065
246	78035.30	Yes	0.379932
1822	75733.20	Yes	0.847553
1687	62442.20	No	0.074082
197	68789.50	Yes	0.970113
1472	71070.90	Yes	0.496313
949	68493.60	Yes	0.829271
1508	78819.40	No	0.437638
237	73509.00	Yes	0.390835
649	73685.50	No	0.878943
1260	65990.10	No	0.722653
960	68069.40	No	0.367198
390	72458.80	Yes	0.079333
1894	71460.50	No	0.005283
632	72236.60	Yes	0.466924
867	73693.70	Yes	0.645324
1962	77035.60	No	0.396984
1747	71670.90	No	0.535145
1101	69320.70	Yes	0.020176
1257	69493.30	Yes	0.502365
1349	73432.90	Yes	0.666973
1480	75353.70	Yes	0.0822
361	73311.80	Yes	0.669976
985	76400.10	No	0.503616
1920	73894.00	Yes	0.748961
1066	69728.30	Yes	0.433034
481	76301.40	No	0.105366
1359	72590.40	Yes	0.990013
1929	70293.10	No	0.610926
1179	70887.10	No	0.331527
500	70877.90	Yes	0.738756
1618	73725.70	No	0.980231
835	62263.30	No	0.080683
1350	72781.20	Yes	0.443688
359	75698.70	No	0.260496
273	73643.40	Yes	0.107621
148	77582.70	Yes	0.278847

600	74669.50	Yes	0.686626
408	65962.40	Yes	0.927936
804	73562.20	No	0.295914
432	68369.60	No	0.726762
871	75082.90	No	0.579265
150	78639.70	Yes	0.780477
196	67911.10	Yes	0.224719
394	72460.40	Yes	0.990123
730	75899.60	Yes	0.222069
780	73945.00	No	0.001905
217	76300.90	No	0.965844
1193	67453.70	No	0.022406
1504	67965.20	No	0.209044
1498	72170.10	Yes	0.535269
740	73952.10	No	0.782195
584	67002.90	No	0.24654
1097	75480.30	Yes	0.017846
1509	65742.70	No	0.119942
1538	77122.90	Yes	0.793588
1167	76815.10	No	0.240477
129	71949.80	No	0.584745
305	71628.10	Yes	0.728311
675	70179.60	No	0.712474
1588	70459.60	No	0.539613
281	74489.90	Yes	0.143529
1221	67372.50	Yes	0.871594
798	68399.40	Yes	0.182353
304	67698.50	Yes	0.759725
1634	73327.60	Yes	0.976499
1149	73024.50	Yes	0.549657
219	73014.90	No	0.677826
1275	75362.20	Yes	0.11491
789	75173.30	Yes	0.672409
1278	68636.30	Yes	0.356405
443	81153.10	Yes	0.80264
121	75069.40	No	0.223234
266	76642.80	No	0.256267
6	71767.70	No	0.848239
461	71091.50	Yes	0.488986
1291	71549.60	Yes	0.835427

467	74727.80	No	0.848149
1117	72057.30	Yes	0.040849
870	60993.10	Yes	0.33041
560	72841.90	Yes	0.797739
1574	69806.40	Yes	0.114281
68	71009.40	Yes	0.260033
409	71606.30	Yes	0.944035
788	75003.20	No	0.131755
63	74164.80	No	0.726377
1308	71634.80	Yes	0.319517
1512	78409.40	Yes	0.653091
764	72081.50	Yes	0.268156
270	80683.20	Yes	0.324685
887	73884.60	Yes	0.629147
58	70237.80	Yes	0.299482
1616	75356.40	No	0.876135
898	71266.20	Yes	0.643079
1688	71342.50	Yes	0.880429
859	69656.90	No	0.354705
180	69402.20	Yes	0.295732
1639	65084.10	No	0.480288
980	79148.50	Yes	0.73731
725	70487.20	Yes	0.681542
1633	70164.20	No	0.363504
1911	70850.20	Yes	0.145618
894	65881.10	Yes	0.903748
1427	72435.00	Yes	0.878935
1307	72177.50	Yes	0.74011
1311	75009.10	No	0.616503
910	71221.60	Yes	0.48218
1809	74452.00	Yes	0.636644
572	65070.20	No	0.498182
1363	76208.20	No	0.762363
342	66757.00	Yes	0.592592
505	81739.30	Yes	0.491674
1202	65217.80	Yes	0.929811
1680	71860.70	Yes	0.028383
1562	70492.40	No	0.942442
1328	67411.00	No	0.189327
581	72141.00	Yes	0.093837

1821	66565.60	Yes	0.985881
807	75077.40	Yes	0.66561
274	63031.30	No	0.235028
1848	67891.70	Yes	0.075572
1596	68656.90	No	0.054709
741	67596.90	No	0.341493
1147	67793.00	Yes	0.358102
543	70498.20	No	0.549206
1417	69319.60	No	0.944109
706	71315.40	Yes	0.500226
499	65361.30	Yes	0.379897
1824	80230.60	No	0.414773
1175	72777.50	No	0.412552
487	66250.70	Yes	0.767922
1971	69075.80	Yes	0.608803
1972	71391.50	No	0.096778
1973	70623.20	No	0.202459
1974	72798.70	Yes	0.676463
1975	70819.20	No	0.320883
1976	78040.20	Yes	0.078354
1977	67228.20	No	0.376788
1978	75858.10	Yes	0.782988
1979	72586.40	Yes	0.174567
1980	77726.50	Yes	0.563963
1981	67217.50	No	0.555752
1982	76167.00	Yes	0.318748
1983	73463.40	Yes	0.670402
1984	74366.40	Yes	0.387085
1985	71242.30	Yes	0.002064
1986	78419.80	No	0.884429
1987	68152.50	Yes	0.114879
1988	74160.50	Yes	0.359952
1989	67591.00	Yes	0.467344
1990	67873.30	Yes	0.252218
1991	73883.90	Yes	0.026941
1992	79095.10	Yes	0.398411
1993	70315.10	No	0.370683
1994	68080.80	No	0.122045
1995	73903.70	Yes	0.117624
1996	78272.20	Yes	0.636884

1997	68491.40	Yes	0.147864
1998	77469.50	Yes	0.646152
1999	76217.00	Yes	0.380902
2000	73702.20	Yes	0.19081
2001	76029.40	No	0.484519
2002	67356.50	Yes	0.670802
2003	71294.30	Yes	0.067087
2004	72687.80	Yes	0.574461
2005	72981.80	No	0.248501
2006	69867.50	Yes	0.826746
2007	65135.30	No	0.901922
2008	73425.70	Yes	0.900977
2009	72680.00	Yes	0.24547
2010	72746.70	No	0.628358
2011	71462.30	No	0.205884
2012	68697.00	Yes	0.630383
2013	73292.20	No	0.73235
2014	72942.60	No	0.562155
2015	61404.90	Yes	0.785794
2016	75777.90	No	0.300849
2017	69675.00	No	0.223648
2018	71497.10	No	0.319317
2019	69774.90	No	0.054979
2020	75100.20	Yes	0.936856
2021	72803.80	Yes	0.353774
2022	71735.50	No	0.257002
2023	72927.10	No	0.391276
2024	74749.30	Yes	0.720346
2025	66846.20	No	0.605825
2026	74258.10	Yes	0.67729
2027	69018.00	No	0.636655
2028	72541.30	No	0.830318
2029	76945.90	No	0.249151
2030	66810.70	No	0.591961
2031	68905.10	No	0.988926
2032	73432.90	Yes	0.502995
2033	76689.30	No	0.798067
2034	71293.40	No	0.569601
2035	67971.00	No	0.307786
2036	68550.90	No	0.973478

2037	77866.30	Yes	0.516098
2038	72643.70	Yes	0.992813
2039	74171.00	Yes	0.428866
2040	73782.60	Yes	0.524353
2041	67443.10	Yes	0.179734
2042	72122.90	Yes	0.874446
2043	67925.40	No	0.525159
2044	76017.90	Yes	0.88837
2045	76072.80	Yes	0.362281
2046	67845.70	Yes	0.176489
2047	68680.80	No	0.031559
2048	69622.10	Yes	0.96244
2049	73170.70	Yes	0.480699
2050	73802.50	No	0.337958
2051	79266.10	No	0.857664
2052	73750.00	Yes	0.03117
2053	69183.90	No	0.738858
2054	80352.80	Yes	0.406406
2055	74383.90	Yes	0.65713
2056	72560.60	Yes	0.482406
2057	68691.20	No	0.493599
2058	67605.00	Yes	0.703986
2059	70685.50	Yes	0.660812
2060	73128.80	Yes	0.150876
2061	64694.70	No	0.507152
2062	72258.10	No	0.308523
2063	72656.90	Yes	0.700031
2064	68379.80	Yes	0.077298
2065	68900.70	Yes	0.383074
2066	69500.20	No	0.466234
2067	69264.90	No	0.895812
2068	69064.90	Yes	0.734565
2069	68815.20	No	0.525044
2070	65314.80	No	0.327954
2071	73343.00	Yes	0.757247
2072	66968.40	No	0.445117
2073	64406.70	Yes	0.761214
2074	70099.90	No	0.618972
2075	68742.60	No	0.815391
2076	72532.60	Yes	0.316444

2077	77857.90	Yes	0.108302
2078	70027.00	No	0.993022
2079	67110.30	Yes	0.811098
2080	72335.30	Yes	0.043854
2081	69311.40	Yes	0.937161
2082	70084.40	No	0.233319
2083	73460.80	Yes	0.533099
2084	74384.30	Yes	0.255536
2085	72702.80	Yes	0.47736
2086	69506.70	Yes	0.919485
2087	71652.30	Yes	0.062485
2088	69967.80	Yes	0.552059
2089	70405.60	No	0.893927
2090	63389.80	No	0.351065
2091	75119.80	Yes	0.494024
2092	70328.30	Yes	0.473992
2093	72237.20	Yes	0.497001
2094	72244.90	No	0.202511
2095	69894.90	Yes	0.860732
2096	72587.30	Yes	0.17645
2097	71665.40	Yes	0.64315
2098	72217.20	Yes	0.935266
2099	64478.60	Yes	0.78651
2100	75352.30	No	0.557812
2101	75475.70	Yes	0.963222
2102	66793.80	Yes	0.141546
2103	72299.80	No	0.689096
2104	67187.50	Yes	0.423182
2105	67031.30	No	0.959924
2106	64579.90	Yes	0.959053
2107	71591.00	Yes	0.16736
2108	76023.70	No	0.492215
2109	78364.70	Yes	0.207914
2110	68523.40	No	0.710383
2111	64887.60	No	0.839235
2112	65560.20	Yes	0.580266
2113	71960.80	Yes	0.835864
2114	76410.60	Yes	0.770069
2115	69260.00	Yes	0.87261
2116	71560.00	No	0.474834

2117	65437.80	Yes	0.680805
2118	67420.60	No	0.178783
2119	76373.40	No	0.355557
2120	76020.00	Yes	0.830851
2121	66678.00	Yes	0.642929
2122	64770.90	Yes	0.28109
2123	67238.20	Yes	0.781751
2124	74008.50	No	0.310999
2125	70435.90	Yes	0.281037
2126	75665.90	Yes	0.449321
2127	76493.20	No	0.517304
2128	75448.60	Yes	0.074412
2129	77992.70	No	0.493073
2130	70790.40	Yes	0.560146
2131	71934.20	No	0.722965
2132	77101.90	No	0.945994
2133	68119.20	Yes	0.851145
2134	74220.70	Yes	0.841593
2135	79343.00	Yes	0.313935
2136	74862.80	No	0.854288
2137	76110.80	No	0.628137
2138	73354.50	Yes	0.753846
2139	71455.00	Yes	0.474989
2140	66872.70	No	0.022816
2141	67767.40	Yes	0.427919
2142	81095.00	No	0.332812
2143	72853.60	No	0.523309
2144	73673.60	No	0.779517
2145	65985.70	Yes	0.661788
2146	74300.40	No	0.929069
2147	75517.70	Yes	0.233019
2148	69987.90	No	0.057884
2149	69387.50	No	0.840562
2150	77551.40	Yes	0.645493
2151	76819.70	Yes	0.587525
2152	70878.90	No	0.673269
2153	70979.40	No	0.119534
2154	71414.40	No	0.548887
2155	69395.60	Yes	0.263925
2156	73421.70	No	0.935412

2157	75318.50	Yes	0.045349
2158	67320.20	No	0.97024
2159	77745.30	Yes	0.251743
2160	78127.60	No	0.642596
2161	69727.60	Yes	0.486301
2162	72645.60	Yes	0.082401
2163	73223.50	Yes	0.418121
2164	74408.70	Yes	0.123315
2165	73713.80	No	0.258096
2166	64956.50	No	0.733892
2167	68345.90	Yes	0.827675
2168	66898.40	Yes	0.542607
2169	71192.20	Yes	0.794933
2170	76681.70	Yes	0.736558
2171	77076.10	Yes	0.358886
2172	69820.70	Yes	0.738985
2173	68379.80	Yes	0.46518
2174	71521.60	Yes	0.47406
2175	75157.80	Yes	0.598834
2176	75046.60	No	0.567024
2177	71308.60	No	0.850135
2178	70695.70	Yes	0.941374
2179	68624.90	No	0.074105
2180	65087.90	No	0.239421
2181	72930.90	Yes	0.873144
2182	72260.00	Yes	0.817104
2183	68955.70	Yes	0.778644
2184	72888.10	Yes	0.828408
2185	75751.30	Yes	0.636913
2186	71055.00	No	0.562509
2187	74391.80	No	0.07672
2188	73227.70	Yes	0.850135
2189	74077.80	Yes	0.501833
2190	68911.50	No	0.968259
2191	67760.70	No	0.93437
2192	71423.90	No	0.179722
2193	70583.40	Yes	0.461813
2194	66317.30	No	0.565553
2195	71965.40	Yes	0.777333
2196	74401.90	No	0.706138

2197	69207.80	No	0.054866
2198	75892.00	No	0.827826
2199	67085.00	Yes	0.64371
2200	69881.60	No	0.333223
2201	79861.30	Yes	0.652127
2202	70684.20	No	0.48581
2203	66296.60	No	0.671338
2204	70422.50	No	0.764579
2205	71045.70	Yes	0.096602
2206	70900.00	Yes	0.89494
2207	67920.50	Yes	0.581784
2208	67504.60	Yes	0.013773
2209	71645.80	No	0.190821
2210	66193.40	No	0.808876
2211	68487.00	Yes	0.201893
2212	69001.90	Yes	0.824295
2213	73771.60	Yes	0.438942
2214	72389.60	No	0.671739
2215	69519.40	Yes	0.826637
2216	67741.10	No	0.80839
2217	71968.10	Yes	0.515726
2218	68705.80	Yes	0.462974
2219	67114.00	Yes	0.048423
2220	72543.20	No	0.509454
2221	69388.60	No	0.729792
2222	70076.70	No	0.599634
2223	76324.70	Yes	0.801886
2224	74813.60	No	0.778011
2225	66509.70	Yes	0.171568
2226	72374.40	No	0.202309
2227	75605.80	Yes	0.587452
2228	67592.10	No	0.643807
2229	74991.60	Yes	0.701304
2230	69212.40	Yes	0.782461
2231	77416.10	Yes	0.692768
2232	70934.50	Yes	0.73169
2233	63529.60	No	0.372306
2234	66391.60	Yes	0.941379
2235	78936.40	Yes	0.771754
2236	79511.10	Yes	0.335332

2237	64690.20	Yes	0.919891
2238	64637.20	No	0.847257
2239	63321.60	Yes	0.567676
2240	66476.90	Yes	0.16287
2241	67832.60	Yes	0.170212
2242	75688.10	Yes	0.726838
2243	73552.20	Yes	0.40105
2244	69966.40	No	0.284287
2245	68815.20	No	0.328741
2246	70911.60	No	0.449429
2247	72347.90	Yes	0.401862
2248	74293.30	Yes	0.321793
2249	64916.20	No	0.818829
2250	75151.80	Yes	0.593845
2251	72411.80	No	0.976548
2252	70432.60	No	0.830792
2253	72121.30	No	0.9428
2254	71469.10	Yes	0.214802
2255	76548.60	Yes	0.986875
2256	75382.80	Yes	0.281627
2257	68386.10	No	0.25457
2258	81017.50	Yes	0.132411
2259	70622.20	No	0.065399
2260	68707.00	Yes	0.897521
2261	72306.30	Yes	0.498595
2262	69730.80	No	0.680372
2263	75390.50	Yes	0.5845
2264	69727.20	No	0.441919
2265	70429.70	Yes	0.875893
2266	76228.60	Yes	0.996309
2267	76992.20	Yes	0.443485
2268	69064.90	Yes	0.941107
2269	71633.90	Yes	0.174273
2270	67355.30	Yes	0.303567
2271	65262.70	Yes	0.723657
2272	71159.30	Yes	0.865168
2273	78926.30	Yes	0.325078
2274	70594.90	Yes	0.375388
2275	66779.60	Yes	0.12111
2276	74859.20	Yes	0.610045

2277	77960.50	Yes	0.994483
2278	76890.90	Yes	0.27453
2279	69637.00	No	0.494167
2280	73996.50	No	0.95077
2281	74013.80	Yes	0.866234
2282	77212.70	Yes	0.82367
2283	71718.70	No	0.366271
2284	73989.40	No	0.170279
2285	78347.70	No	0.589378
2286	65425.70	No	0.206344
2287	69040.30	No	0.415037
2288	73779.20	Yes	0.706906
2289	66995.90	Yes	0.738077
2290	70931.40	Yes	0.201874
2291	68310.90	No	0.448722
2292	75803.20	Yes	0.518411
2293	78506.10	Yes	0.634757
2294	61492.60	Yes	0.852213
2295	69044.20	No	0.120629
2296	78171.40	No	0.135574
2297	70099.60	No	0.266579
2298	70680.70	Yes	0.302916
2299	67305.10	Yes	0.945776
2300	77111.30	No	0.150059
2301	69710.30	No	0.483977
2302	68716.20	Yes	0.771437
2303	67704.30	No	0.585928
2304	67885.20	No	0.716664
2305	67972.00	Yes	0.754347
2306	76609.20	Yes	0.873753
2307	71772.30	No	0.358711
2308	73283.40	No	0.881358
2309	75183.70	No	0.130081
2310	72293.50	No	0.424101
2311	74430.50	Yes	0.377698
2312	74439.50	No	0.076888
2313	73545.10	Yes	0.909205
2314	80699.20	Yes	0.504273
2315	75443.10	No	0.514623
2316	63982.80	Yes	0.685167

2317	68867.40	No	0.971364
2318	70245.10	No	0.259432
2319	77252.60	No	0.816352
2320	61978.20	Yes	0.368193
2321	75360.40	Yes	0.787799
2322	78682.00	Yes	0.57171
2323	76874.80	No	0.070019
2324	69194.50	Yes	0.262919
2325	76593.80	No	0.153386
2326	71813.30	Yes	0.553457
2327	66653.30	No	0.590634
2328	72966.10	No	0.650795
2329	62003.00	No	0.960537
2330	66699.00	No	0.400354
2331	75497.80	Yes	0.278528
2332	67441.90	Yes	0.974285
2333	66764.60	Yes	0.187494
2334	78442.00	Yes	0.148483
2335	72790.40	No	0.31637
2336	69065.30	No	0.392089
2337	69486.00	No	0.820467
2338	69978.00	No	0.450766
2339	74322.50	No	0.078118
2340	73105.90	Yes	0.651593
2341	73137.50	Yes	0.302363
2342	73226.40	No	0.488713
2343	74623.40	Yes	0.423052
2344	75461.90	No	0.953145
2345	78253.70	Yes	0.833311
2346	77735.40	Yes	0.293579
2347	61597.80	Yes	0.433148
2348	71835.30	No	0.4074
2349	75860.90	Yes	0.467123
2350	68673.70	No	0.826658
2351	74628.10	No	0.951996
2352	74835.00	No	0.393101
2353	73655.60	Yes	0.323634
2354	73475.40	Yes	0.313629
2355	69516.50	Yes	0.044747
2356	75461.40	No	0.003556

2357	72111.20	Yes	0.916176
2358	75883.40	No	0.31758
2359	70991.30	No	0.821539
2360	66817.40	No	0.688099
2361	68370.90	Yes	0.423538
2362	66442.20	No	0.24763
2363	73153.60	Yes	0.445095
2364	73725.70	Yes	0.192547
2365	70421.90	No	0.43208
2366	73779.90	Yes	0.816547
2367	78893.40	Yes	0.212607
2368	74663.60	Yes	0.662863
2369	68539.70	No	0.047995
2370	78393.20	No	0.599471
2371	70163.90	Yes	0.912752
2372	70481.00	No	0.681575
2373	71847.60	Yes	0.479273
2374	68290.10	Yes	0.680089
2375	73214.10	Yes	0.731222
2376	76255.90	No	0.611389
2377	69528.00	No	0.053751
2378	71330.50	No	0.82655
2379	66818.10	Yes	0.390459
2380	74588.10	Yes	0.066858
2381	64818.00	Yes	0.212707
2382	71741.40	Yes	0.296397
2383	71897.40	Yes	0.243563
2384	73189.80	Yes	0.673996
2385	75928.70	Yes	0.393878
2386	65025.40	No	0.352472
2387	70375.80	No	0.95926
2388	76465.80	No	0.043111
2389	70799.90	Yes	0.267956
2390	72600.40	No	0.118947
2391	76124.70	No	0.451736
2392	70263.70	No	0.942879
2393	67779.70	Yes	0.124434
2394	67609.20	Yes	0.834842
2395	75468.80	Yes	0.536046
2396	67527.10	Yes	0.342398

2397	77787.10	Yes	0.599776
2398	72706.90	Yes	0.219502
2399	75337.60	No	0.468774
2400	80629.60	No	0.109118
2401	74696.20	Yes	0.261928
2402	69587.80	Yes	0.574628
2403	69491.10	Yes	0.374804
2404	63770.80	No	0.237042
2405	68988.10	No	0.323129
2406	73352.20	Yes	0.047207
2407	68949.40	No	0.654618
2408	71408.20	Yes	0.345689
2409	72362.10	Yes	0.870257
2410	74317.00	Yes	0.911535
2411	74683.20	No	0.489804
2412	68423.60	No	0.97049
2413	70913.20	No	0.953416
2414	68246.80	No	0.500803
2415	72300.80	Yes	0.991475
2416	76783.70	No	0.612829
2417	73091.50	Yes	0.451564
2418	65223.70	No	0.807975
2419	69386.70	No	0.735625
2420	66371.40	No	0.600932
2421	68188.80	Yes	0.382095
2422	67030.70	Yes	0.678717
2423	72393.30	Yes	0.830093
2424	71591.90	Yes	0.966213
2425	75930.30	Yes	0.612925
2426	74514.70	Yes	0.560805
2427	69740.20	No	0.513875
2428	72703.80	No	0.782721
2429	73279.80	Yes	0.053231
2430	75257.20	No	0.237153
2431	71884.90	No	0.460292
2432	77397.70	Yes	0.790131
2433	64965.80	Yes	0.066486
2434	74898.60	Yes	0.895098
2435	63757.00	Yes	0.142656
2436	68337.00	No	0.362968

2437	77811.00	Yes	0.459395
2438	68875.80	No	0.581095
2439	68890.70	No	0.51236
2440	72896.90	Yes	0.43976
2441	65254.50	No	0.919332
2442	76156.70	Yes	0.414859
2443	72677.20	Yes	0.245378
2444	74928.10	Yes	0.451913
2445	70670.20	No	0.606455
2446	63603.40	No	0.146819
2447	65226.10	Yes	0.026003
2448	75671.20	Yes	0.655585
2449	65120.90	Yes	0.083141
2450	75773.00	Yes	0.99973
2451	69753.20	Yes	0.991432
2452	66682.90	No	0.723126
2453	71504.40	Yes	0.377078
2454	78765.10	Yes	0.37273
2455	71790.90	No	0.975642
2456	70549.60	No	0.006486
2457	66988.30	Yes	0.080576
2458	70912.90	No	0.462712
2459	79305.10	Yes	0.407645
2460	71446.70	No	0.386343
2461	64968.40	Yes	0.153174
2462	72631.60	Yes	0.240453
2463	68063.70	No	0.750847
2464	68446.50	Yes	0.657445
2465	68663.60	No	0.243043
2466	66851.50	No	0.577878
2467	63078.00	Yes	0.062661
2468	79522.50	No	0.839318
2469	74691.10	No	0.139565
2470	77588.60	Yes	0.063702
2471	72441.80	Yes	0.044358
2472	71030.10	No	0.497827
2473	72840.40	No	0.461245
2474	67996.80	No	0.896418
2475	70143.20	Yes	0.947886
2476	72209.30	No	0.703076

2477	69576.70	Yes	0.414872
2478	71015.70	No	0.517873
2479	78221.30	Yes	0.429314
2480	73497.40	Yes	0.415055
2481	71859.80	Yes	0.467773
2482	70353.20	Yes	0.27064
2483	71847.30	Yes	0.055819
2484	68110.20	Yes	0.296642
2485	64947.10	No	0.767256
2486	67605.50	Yes	0.331535
2487	72928.60	Yes	0.133653
2488	70766.00	Yes	0.630845
2489	71425.10	Yes	0.665799
2490	67295.80	Yes	0.848549
2491	69369.70	Yes	0.103562
2492	66155.90	No	0.327287
2493	69045.40	No	0.324345
2494	70795.50	No	0.586329
2495	70282.50	Yes	0.753445
2496	76873.50	No	0.227495
2497	67860.70	Yes	0.649381
2498	76543.70	Yes	0.049963
2499	73168.80	Yes	0.652539
2500	68433.30	Yes	0.362848