



BLACKLIST ECOSYSTEM ANALYSIS: JANUARY – JUNE, 2016

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Executive Summary

This short report provides a summary of the various analyses of the blacklist ecosystem performed to date. It also appends the latest additional data to those analyses; the added data in this report covers the time period from January 1, 2016 through June 30, 2016.

1 Introduction

This report is the latest in a series of works dedicated to documenting and exploring the blacklist ecosystem. Whereas previous individual reports [1, 2, 3] were comprised partly of updates and partly of fresh analysis, we have decided to address those two goals in separate reports henceforth. The update reports, of which this is the first, will be dedicated strictly to updating the previously-implemented methods with the latest data. Separate reports will introduce novel analyses as they are developed. Updates of the present sort are planned for release in conjunction with every six months' worth of data collection. This update covers the data collected from January 1, 2016 through June 30, 2016.

Because the aim of the semi-annual updates is the efficient communication of the latest data, and because all of the methods implemented in this report remain identical to the methods employed in previous reports, we have omitted the “Method” section that appeared in the previous full reports. In lieu of that section, for each analysis type, we direct the reader to the previous reports, which contain the full method for each analysis type. The references, too, are restricted merely to citation to the previous full reports. Full details of relevant literature for each of the analysis methods can be found within the previous full reports.

Additionally, in order to facilitate consistent treatment of the data, we have reprocessed the data from the first three annual reports into uniform 6-month sets for the results presented in the Persistence in Blacklists analysis (Section 2.5).

2 Results

The tables below present the latest results for the Reverse Counts analysis (subsection 2.1), the List Counts analysis (subsection 2.2), the Pairwise Intersections analysis (subsection 2.3), the Reverse

Lookup analysis (subsection 2.4), and the Persistence in Blacklists analysis (subsection 2.5). A brief conceptual summary of each analysis precedes the results in each of the following subsections.

2.1 Reverse Counts

The *reverse count* refers to the number of lists on which a particular indicator (IP address or domain name) appears. The minimum number of lists on which an indicator can appear is one and the maximum number (in accordance with the lists surveyed for this update) is either 87 (for IP address indicators) or 31 (for domain name indicators). For a full description of the method for the Reverse Counts analysis, see [2].

Table 1 provides the results of the Reverse Counts analysis for IP-address-based lists, and Table 2 provides the results of the Reverse Counts analysis for domain-name-based lists.

Lists	Count	Percentage	Lists	Count	Percentage
1	25502390	73.61%	27	3977	0.01%
2	3336506	9.63%	28	3094	0.01%
3	1737900	5.02%	29	2424	0.01%
4	1107237	3.20%	30	1926	0.01%
5	748190	2.16%	31	1496	0.00%
6	523742	1.51%	32	1112	0.00%
7	377833	1.09%	33	885	0.00%
8	280636	0.81%	34	648	0.00%
9	213212	0.62%	35	489	0.00%
10	164775	0.48%	36	375	0.00%
11	127913	0.37%	37	267	0.00%
12	101205	0.29%	38	217	0.00%
13	81148	0.23%	39	153	0.00%
14	65091	0.19%	40	135	0.00%
15	53221	0.15%	41	89	0.00%
16	43517	0.13%	42	73	0.00%
17	35529	0.10%	43	63	0.00%
18	29251	0.08%	44	48	0.00%
19	23466	0.07%	45	27	0.00%
20	18884	0.05%	46	17	0.00%
21	15047	0.04%	47	10	0.00%
22	11953	0.03%	48	8	0.00%
23	9594	0.03%	49	5	0.00%
24	7611	0.02%	50	1	0.00%
25	6336	0.02%	51	2	0.00%
26	4930	0.01%			

Table 1 For the set of unique indicators that appear on any of the surveyed IP-address-based blacklists, the table displays the number of different blacklists that contain the listed number of indicators. Over 72% of indicators appear on exactly one list during the observation period.

Lists	Count	Percentage
1	22329653	91.67%
2	1568077	6.44%
3	310002	1.27%
4	90738	0.37%
5	35183	0.14%
6	14490	0.06%
7	6327	0.03%
8	3159	0.01%
9	1579	0.01%
10	434	0.00%
11	67	0.00%
12	7	0.00%
13	4	0.00%
14	2	0.00%
15	1	0.00%

Table 2 For the set of unique indicators that appear on any of the surveyed domain-name-based blacklists, the table displays the number of different blacklists that contain the listed number of indicators. Over 94% of indicators appear on exactly one list during the 18 months covered in this report.

2.2 List Counts

The *list count* for each list refers to the size of each list; it is the cardinality of the set of unique indicators found on that list at any time during the surveyed time period. See the “List Counts” sections in [1, 2, 3] for details about the method involved in generating the results. Table 3 provides the results for IP-address-based lists and Table 4 provides the results for domain-name-based lists.

List	Unique Entries
LI_01	1991
LI_02	775
LI_03	405
LI_04	107415
LI_05	1692941
LI_06	273
LI_07	3840
LI_08	61291
LI_09	100089
LI_10	119470
LI_11	2717
LI_12	12461
LI_13	144966
LI_14	27422
LI_15	115
LI_16	20782
LI_17	1007642
LI_18	7529
LI_19	322356
LI_20	4508
LI_21	123181
LI_22	39912
LI_23	382
LI_24	346
LI_25	1517096
LI_26	237043
LI_27	18160
LI_28	2172
LI_29	6237800

List	Unique Entries
LI_30	689697
LI_31	61737
LI_32	671
LI_33	2795
LI_34	430318
LI_35	37051
LI_36	182947
LI_37	1872321
LI_38	7339
LI_39	31646
LI_40	2469484
LI_41	755
LI_42	17924
LI_43	17799
LI_44	22549
LI_45	56727
LI_46	108892
LI_47	993
LI_48	2059054
LI_49	48267
LI_50	2947945
LI_51	3186611
LI_52	930230
LI_53	303037
LI_54	2613852
LI_55	5759
LI_56	1036149
LI_57	139788
LI_58	312379

List	Unique Entries
LI_59	537412
LI_60	32029
LI_61	7195
LI_62	85273
LI_63	23085
LI_64	1210242
LI_65	5336
LI_66	9472663
LI_67	1033120
LI_68	539213
LI_69	621250
LI_70	44807
LI_71	127
LI_72	241953
LI_73	170594
LI_74	135303
LI_75	62859
LI_76	40702
LI_77	780
LI_78	1303008
LI_79	1102263
LI_80	1283
LI_81	4121356
LI_82	14788803
LI_83	155
LI_84	770
LI_85	571
LI_86	632
LI_87	816

Table 3 The number of unique entries included during the observation period for each list of IP addresses.

List	Unique Entries	List	Unique En-
LD_01	920912	LD_17	4456
LD_02	2403	LD_18	48719
LD_03	4598941	LD_19	1483
LD_04	54654	LD_20	1351576
LD_05	706220	LD_21	235697
LD_06	292	LD_22	11190
LD_07	9752028	LD_23	17027
LD_08	31854	LD_24	470188
LD_09	30635	LD_25	7706085
LD_10	45773	LD_26	31628
LD_11	68430	LD_27	27439
LD_12	166	LD_28	677
LD_13	17952	LD_29	8969
LD_14	459738	LD_30	128967
LD_15	259632	LD_31	2253
LD_16	114664		

Table 4 The number of unique entries included during the observation period for each list of domain names.

2.3 Pairwise Intersections

The *pairwise intersection* count for any pair of lists describes the overlap between those two lists. Formally, the pairwise intersection count for each pair of lists is the cardinality of the intersection of the indicators contained on those two lists. IP-address-based lists are paired only with other IP-address-based lists, and domain-name-based lists are paired only with other domain-name-based lists. Given the 87 IP-address-based lists and 31 domain-name-based lists, there are $\binom{87}{2} = 3741$ IP-address-based list pairs and $\binom{31}{2} = 465$ domain-name-based list pairs.

The full results of the Pairwise Intersection analysis are contained in Appendix A (for IP-address-based lists) and Appendix B (for domain-name-based lists).

2.4 Reverse Lookup

The *reverse lookup* analysis provides a sense of what proportion of a domain-name-based blacklist's contents are "active." Each blacklist is examined to determine how many of the domains on the list had

active A records in a passive DNS data source we used for our study. A domain is deemed active if, for any time in the observation period, a sensor in our source’s sensor network observed a host successfully doing the resolution. See subsection 2.4 of [3] for further details about the Reverse Lookup analysis; Table 5 provides the results.

List	Active Domains	Percentage	List	Active Domains	Percentage
LD_07	9752028	100.0000	LD_08	26938	84.5671
LD_26	30138	95.2890	LD_12	139	83.7349
LD_27	25685	93.6076	LD_06	242	82.8767
LD_20	1257862	93.0663	LD_02	1980	82.3970
LD_22	10371	92.6810	LD_03	3605538	78.3993
LD_31	2078	92.2326	LD_11	53381	78.0082
LD_13	16163	90.0345	LD_04	41118	75.2333
LD_29	8032	89.5529	LD_21	157980	67.0267
LD_05	627537	88.8586	LD_28	433	63.9586
LD_14	408499	88.8547	LD_25	4281746	55.5632
LD_17	3947	88.5772	LD_18	19106	39.2167
LD_10	40456	88.3840	LD_24	166013	35.3078
LD_09	26820	87.5469	LD_16	14295	12.4669
LD_23	14793	86.8797	LD_01	31655	3.4374
LD_30	109569	84.9589	LD_19	0	0.0000
LD_15	220007	84.7380			

Table 5 The number of active domains (and corresponding percentage of active list indicators) included in each list of domain names.

2.5 Persistence in Blacklists

To maintain a holistic view of the project to date, we implement a *persistence in blacklists* analysis. It is an index of the lists lost, lists gained, and number of unique indicators involved in each six-month chunk of the blacklist data. Additionally, we intersect each six-month dataset with the six-month datasets immediately preceding and succeeding it, like links in a chain, to provide a glimpse of the continuity present in the blacklist ecosystem. This analysis was introduced in [3]; see subsections 2.5 and 3.5 of that work for further details.

Tables 6 and 7 provide the information about number of incorporated lists and unique indicators for IP-address-based lists and domain-name-based lists, respectively. The “.1” and “.2” notation identifies the dataset as the first six months (.1) or second six months (.2) of the year in question.

IP Address-based Blacklists				
Report	Total Lists	Lists Gained	Lists Lost	Unique Indicators
2012.1	17	--	--	41881159
2012.2	17	0	0	33994898
2013.1	60	52	9	28142299
2013.2	60	0	0	9030462
2014.1	60	0	0	25070971
2014.2	60	0	0	29993242
2015.1	88	37	9	30376096
2015.2	88	0	0	24742452
2016.1	87	8	9	34644658

Table 6 The total number of included lists, lists gained from the previous data period, lists lost from the previous data period, and the number of unique IP address indicators appearing in the dataset for each data period.

Domain Name-based Blacklists				
Report	Total Lists	Lists Gained	Lists Lost	Unique Indicators
2012.1	11	--	--	6468501
2012.2	11	0	0	9235902
2013.1	20	10	1	12592250
2013.2	20	0	0	5027066
2014.1	20	0	0	2772391
2014.2	20	0	0	10446624
2015.1	35	19	4	12231742
2015.2	35	0	0	13051429
2016.1	31	7	11	24359712

Table 7 The total number of included lists, lists gained from the previous data period, lists lost from the previous data period, and the number of unique domain name indicators appearing in the dataset for each data period.

Table 8 provides continuity measures, in terms of shared number of indicators and the corresponding percentage of shared indicators, for each pair of six-month datasets that are temporally adjacent to

each other. The “percentage overlap” is the number of shared indicators divided by the smaller of the two datasets involved. Additionally, the final row of Table 8 provides the number of indicators of each type that have been present for the entire duration of the project; these indicators have appeared in *every* six-month dataset to date.

Report	Unique Indicators		Percentage Overlap	
	IP Addresses	Domain Names	IP Addresses	Domain
2012.1 \cap 2012.2	3502145	114023	10.3020	1.7627
2012.2 \cap 2013.1	5656501	499397	20.0996	5.4071
2013.1 \cap 2013.2	2811458	1201806	31.1330	23.9067
2013.2 \cap 2014.1	1908176	1260123	21.1304	45.4526
2014.1 \cap 2014.2	5586854	771729	22.2842	27.8362
2014.2 \cap 2015.1	6715056	8673600	22.3886	83.0278
2015.1 \cap 2015.2	5748149	9130457	23.2319	74.6456
2015.2 \cap 2016.1	5653256	2711476	22.8484	20.7753
\cap 2012.1 – 2016.1	10154	29831	N/A	N/A

Table 8 The “Unique Indicators” column provides the cardinality of the set created by intersecting the sets of unique indicators of each respective type (IP address or domain name) over the indicated datasets. The “Percentage Overlap” column provides the percentage of overlap between the unique indicators appearing in the indicated datasets for each respective type (IP address or domain name).

Errata

This errata section contains a list of errors and corrections found in the previous reports in the project.

In Section 2.3 of the 2014 report, the number of pairings for the pairwise intersection counts was listed incorrectly [2]. For the domain-name-based lists, 152 (not 162) list pairs were analyzed, and for IP-address-based lists, 2211 (not 2244) list pairs were analyzed.

In the 2014 report, the caption for Table 4 was incorrect [2]. It should read “Unique entries over the observation period for each list of IP addresses.”

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Appendix A

List 1	List 2	Count	Percentage
LI.01	LI.02	22	3.2787%
LI.01	LI.03	0	0.0000%
LI.01	LI.04	0	0.0000%
LI.01	LI.05	0	0.0000%
LI.01	LI.06	1	0.1490%
LI.01	LI.07	0	0.0000%
LI.01	LI.08	0	0.0000%
LI.01	LI.09	0	0.0000%
LI.01	LI.10	0	0.0000%
LI.01	LI.11	9	1.3413%
LI.01	LI.12	0	0.0000%
LI.01	LI.13	2	0.2981%
LI.01	LI.14	0	0.0000%
LI.01	LI.15	1	0.1490%
LI.01	LI.16	0	0.0000%
LI.01	LI.17	2	0.2981%
LI.01	LI.18	11	1.6393%
LI.01	LI.19	1	0.1490%
LI.01	LI.20	1	0.1490%
LI.01	LI.21	0	0.0000%
LI.01	LI.22	0	0.0000%
LI.01	LI.23	5	0.7452%
LI.01	LI.24	7	1.0432%
LI.01	LI.25	0	0.0000%
LI.01	LI.26	7	1.0432%
LI.01	LI.27	0	0.0000%
LI.01	LI.28	12	1.7884%
LI.01	LI.29	0	0.0000%
LI.01	LI.30	0	0.0000%
LI.01	LI.31	0	0.0000%
LI.01	LI.32	0	0.0000%
LI.01	LI.33	4	0.5961%
LI.01	LI.34	0	0.0000%
LI.01	LI.35	0	0.0000%
LI.01	LI.36	0	0.0000%
LI.01	LI.37	1	0.1490%

LI.01	LI.38	1	0.1490%
LI.01	LI.39	0	0.0000%
LI.01	LI.40	0	0.0000%
LI.01	LI.41	1	0.1490%
LI.01	LI.42	5	0.7452%
LI.01	LI.43	1	0.1490%
LI.01	LI.44	0	0.0000%
LI.01	LI.45	4	0.5961%
LI.01	LI.46	0	0.0000%
LI.01	LI.47	18	2.6826%
LI.01	LI.48	8	1.1923%
LI.01	LI.49	0	0.0000%
LI.01	LI.50	0	0.0000%
LI.01	LI.51	32	4.7690%
LI.01	LI.52	0	0.0000%
LI.01	LI.53	1	0.1490%
LI.01	LI.54	2	0.2981%
LI.01	LI.55	1	0.1490%
LI.01	LI.56	0	0.0000%
LI.01	LI.57	15	2.2355%
LI.01	LI.58	0	0.0000%
LI.01	LI.59	2	0.7326%
LI.01	LI.60	292	43.5171%
LI.01	LI.61	7	1.0432%
LI.01	LI.62	0	0.0000%
LI.01	LI.63	0	0.0000%
LI.01	LI.64	4	0.5961%
LI.01	LI.65	4	0.5961%
LI.01	LI.66	0	0.0000%
LI.01	LI.67	0	0.0000%
LI.01	LI.68	0	0.0000%
LI.01	LI.69	10	1.4903%
LI.01	LI.70	0	0.0000%
LI.01	LI.71	0	0.0000%
LI.01	LI.72	16	2.3845%
LI.01	LI.73	0	0.0000%
LI.01	LI.74	2	0.2981%
LI.01	LI.75	7	1.0432%
LI.01	LI.76	0	0.0000%
LI.01	LI.77	9	1.3413%

LI.01	LI.78	14	2.0864%
LI.01	LI.79	0	0.0000%
LI.01	LI.80	4	0.5961%
LI.01	LI.81	0	0.0000%
LI.01	LI.82	0	0.0000%
LI.02	LI.03	112	97.3913%
LI.02	LI.04	331	4.5102%
LI.02	LI.05	35842	57.0197%
LI.02	LI.06	32834	88.6184%
LI.02	LI.07	10548	84.6481%
LI.02	LI.08	13	1.6883%
LI.02	LI.09	377	66.0245%
LI.02	LI.10	73130	59.3679%
LI.02	LI.11	1070091	43.3326%
LI.02	LI.12	5577	77.5122%
LI.02	LI.13	150482	62.1947%
LI.02	LI.14	20940	51.4471%
LI.02	LI.15	45407	80.0448%
LI.02	LI.16	37	0.6425%
LI.02	LI.17	613692	59.2282%
LI.02	LI.18	716161	54.9621%
LI.02	LI.19	179636	59.2786%
LI.02	LI.20	15476	68.6328%
LI.02	LI.21	1	0.1325%
LI.02	LI.22	1	0.0006%
LI.02	LI.23	2529	2.1168%
LI.02	LI.24	722249	71.6771%
LI.02	LI.25	232	29.9355%
LI.02	LI.26	1148229	67.8245%
LI.02	LI.27	2909	38.6373%
LI.02	LI.28	634375	52.4172%
LI.02	LI.29	2515	14.0315%
LI.02	LI.30	1	0.2890%
LI.02	LI.31	735	19.1406%
LI.02	LI.32	12550	60.3888%
LI.02	LI.33	76832	70.5580%
LI.02	LI.34	986	49.5229%
LI.02	LI.35	871	19.3212%
LI.02	LI.36	353	43.2598%
LI.02	LI.37	564054	51.1724%

LI.02	LI.38	80587	59.5604%
LI.02	LI.39	2309	0.4297%
LI.02	LI.40	386	61.0759%
LI.02	LI.41	16225	70.2837%
LI.02	LI.42	301001	43.6425%
LI.02	LI.43	122760	84.6819%
LI.02	LI.44	4	3.1496%
LI.02	LI.45	160149	67.5612%
LI.02	LI.46	154	5.6680%
LI.02	LI.47	6943	15.4953%
LI.02	LI.48	1321689	50.5648%
LI.02	LI.49	15	9.6774%
LI.02	LI.50	255	62.9630%
LI.02	LI.51	25037	40.8494%
LI.02	LI.52	25	6.5445%
LI.02	LI.53	48965	79.3122%
LI.02	LI.54	32511	30.2667%
LI.02	LI.55	66823	4.4047%
LI.02	LI.56	7623	41.9769%
LI.02	LI.57	1042071	50.6092%
LI.02	LI.58	47228	33.7854%
LI.02	LI.59	48	17.5824%
LI.02	LI.60	2703751	65.6034%
LI.02	LI.61	1156467	36.2914%
LI.02	LI.62	1099	20.5960%
LI.02	LI.63	79	0.0926%
LI.02	LI.64	308055	57.1305%
LI.02	LI.65	410756	66.1177%
LI.02	LI.66	1153	89.8675%
LI.02	LI.67	0	0.0000%
LI.02	LI.68	119305	37.0103%
LI.02	LI.69	1466316	49.7403%
LI.02	LI.70	46706	96.7659%
LI.02	LI.71	32477	81.3715%
LI.02	LI.72	2483915	60.2694%
LI.02	LI.73	24733	90.1940%
LI.02	LI.74	73675	73.6095%
LI.02	LI.75	130920	41.9106%
LI.02	LI.76	141185	77.1726%
LI.02	LI.77	312311	7.5779%

LI.02	LI.78	242892	56.4448%
LI.02	LI.79	12600	39.3393%
LI.02	LI.80	622063	60.2121%
LI.02	LI.81	1594	57.0304%
LI.02	LI.82	25819	81.5869%
LI.03	LI.04	0	0.0000%
LI.03	LI.05	29	25.2174%
LI.03	LI.06	70	60.8696%
LI.03	LI.07	36	31.3043%
LI.03	LI.08	0	0.0000%
LI.03	LI.09	16	13.9130%
LI.03	LI.10	28	24.3478%
LI.03	LI.11	107	93.0435%
LI.03	LI.12	0	0.0000%
LI.03	LI.13	81	70.4348%
LI.03	LI.14	9	7.8261%
LI.03	LI.15	68	59.1304%
LI.03	LI.16	0	0.0000%
LI.03	LI.17	93	80.8696%
LI.03	LI.18	97	84.3478%
LI.03	LI.19	82	71.3043%
LI.03	LI.20	19	16.5217%
LI.03	LI.21	0	0.0000%
LI.03	LI.22	0	0.0000%
LI.03	LI.23	1	0.8696%
LI.03	LI.24	110	95.6522%
LI.03	LI.25	9	7.8261%
LI.03	LI.26	113	98.2609%
LI.03	LI.27	5	4.3478%
LI.03	LI.28	111	96.5217%
LI.03	LI.29	1	0.8696%
LI.03	LI.30	0	0.0000%
LI.03	LI.31	0	0.0000%
LI.03	LI.32	41	35.6522%
LI.03	LI.33	70	60.8696%
LI.03	LI.34	0	0.0000%
LI.03	LI.35	0	0.0000%
LI.03	LI.36	3	2.6087%
LI.03	LI.37	35	30.4348%
LI.03	LI.38	55	47.8261%

LI.03	LI.39	0	0.0000%
LI.03	LI.40	0	0.0000%
LI.03	LI.41	64	55.6522%
LI.03	LI.42	105	91.3043%
LI.03	LI.43	93	80.8696%
LI.03	LI.44	0	0.0000%
LI.03	LI.45	33	28.6957%
LI.03	LI.46	2	1.7391%
LI.03	LI.47	1	0.8696%
LI.03	LI.48	108	93.9130%
LI.03	LI.49	0	0.0000%
LI.03	LI.50	20	17.3913%
LI.03	LI.51	35	30.4348%
LI.03	LI.52	0	0.0000%
LI.03	LI.53	54	46.9565%
LI.03	LI.54	31	26.9565%
LI.03	LI.55	1	0.8696%
LI.03	LI.56	0	0.0000%
LI.03	LI.57	108	93.9130%
LI.03	LI.58	61	53.0435%
LI.03	LI.59	0	0.0000%
LI.03	LI.60	112	97.3913%
LI.03	LI.61	107	93.0435%
LI.03	LI.62	0	0.0000%
LI.03	LI.63	0	0.0000%
LI.03	LI.64	103	89.5652%
LI.03	LI.65	106	92.1739%
LI.03	LI.66	30	26.0870%
LI.03	LI.67	0	0.0000%
LI.03	LI.68	20	17.3913%
LI.03	LI.69	108	93.9130%
LI.03	LI.70	71	61.7391%
LI.03	LI.71	79	68.6957%
LI.03	LI.72	114	99.1304%
LI.03	LI.73	42	36.5217%
LI.03	LI.74	48	41.7391%
LI.03	LI.75	65	56.5217%
LI.03	LI.76	101	87.8261%
LI.03	LI.77	40	34.7826%
LI.03	LI.78	98	85.2174%

LI.03	LI.79	14	12.1739%
LI.03	LI.80	102	88.6957%
LI.03	LI.81	32	27.8261%
LI.03	LI.82	89	77.3913%
LI.04	LI.05	29	0.3951%
LI.04	LI.06	19	0.2589%
LI.04	LI.07	3	0.0409%
LI.04	LI.08	4	0.5195%
LI.04	LI.09	0	0.0000%
LI.04	LI.10	17	0.2316%
LI.04	LI.11	182	2.4799%
LI.04	LI.12	2	0.0278%
LI.04	LI.13	28	0.3815%
LI.04	LI.14	8	0.1090%
LI.04	LI.15	11	0.1499%
LI.04	LI.16	0	0.0000%
LI.04	LI.17	99	1.3490%
LI.04	LI.18	140	1.9076%
LI.04	LI.19	51	0.6949%
LI.04	LI.20	5	0.0681%
LI.04	LI.21	0	0.0000%
LI.04	LI.22	0	0.0000%
LI.04	LI.23	3255	44.3521%
LI.04	LI.24	125	1.7032%
LI.04	LI.25	2	0.2581%
LI.04	LI.26	180	2.4527%
LI.04	LI.27	3	0.0409%
LI.04	LI.28	144	1.9621%
LI.04	LI.29	0	0.0000%
LI.04	LI.30	0	0.0000%
LI.04	LI.31	0	0.0000%
LI.04	LI.32	5	0.0681%
LI.04	LI.33	20	0.2725%
LI.04	LI.34	1	0.0502%
LI.04	LI.35	0	0.0000%
LI.04	LI.36	16	1.9608%
LI.04	LI.37	39	0.5314%
LI.04	LI.38	25	0.3406%
LI.04	LI.39	2	0.0273%
LI.04	LI.40	0	0.0000%

LI.04	LI.41	7	0.0954%
LI.04	LI.42	77	1.0492%
LI.04	LI.43	28	0.3815%
LI.04	LI.44	1	0.7874%
LI.04	LI.45	33	0.4497%
LI.04	LI.46	5	0.1840%
LI.04	LI.47	3420	46.6004%
LI.04	LI.48	188	2.5617%
LI.04	LI.49	0	0.0000%
LI.04	LI.50	0	0.0000%
LI.04	LI.51	34	0.4633%
LI.04	LI.52	3	0.7853%
LI.04	LI.53	6	0.0818%
LI.04	LI.54	65	0.8857%
LI.04	LI.55	31	0.4224%
LI.04	LI.56	0	0.0000%
LI.04	LI.57	232	3.1612%
LI.04	LI.58	48	0.6540%
LI.04	LI.59	0	0.0000%
LI.04	LI.60	2448	33.3560%
LI.04	LI.61	193	2.6298%
LI.04	LI.62	0	0.0000%
LI.04	LI.63	0	0.0000%
LI.04	LI.64	84	1.1446%
LI.04	LI.65	69	0.9402%
LI.04	LI.66	0	0.0000%
LI.04	LI.67	0	0.0000%
LI.04	LI.68	5	0.0681%
LI.04	LI.69	320	4.3603%
LI.04	LI.70	14	0.1908%
LI.04	LI.71	48	0.6540%
LI.04	LI.72	365	4.9734%
LI.04	LI.73	10	0.1363%
LI.04	LI.74	19	0.2589%
LI.04	LI.75	97	1.3217%
LI.04	LI.76	42	0.5723%
LI.04	LI.77	262	3.5700%
LI.04	LI.78	67	0.9129%
LI.04	LI.79	3	0.0409%
LI.04	LI.80	175	2.3845%

LI.04	LI.81	2	0.0716%
LI.04	LI.82	10	0.1363%
LI.05	LI.06	2762	7.4546%
LI.05	LI.07	1495	11.9974%
LI.05	LI.08	0	0.0000%
LI.05	LI.09	129	22.5919%
LI.05	LI.10	5864	9.3288%
LI.05	LI.11	17099	27.2022%
LI.05	LI.12	352	4.8923%
LI.05	LI.13	7807	12.4199%
LI.05	LI.14	2210	5.4297%
LI.05	LI.15	3625	6.3903%
LI.05	LI.16	0	0.0000%
LI.05	LI.17	13193	20.9882%
LI.05	LI.18	22589	35.9360%
LI.05	LI.19	19575	31.1411%
LI.05	LI.20	2562	11.3619%
LI.05	LI.21	2	0.2649%
LI.05	LI.22	0	0.0000%
LI.05	LI.23	134	0.2132%
LI.05	LI.24	14001	22.2737%
LI.05	LI.25	203	26.1935%
LI.05	LI.26	23703	37.7082%
LI.05	LI.27	1122	14.9024%
LI.05	LI.28	21200	33.7263%
LI.05	LI.29	2828	15.7777%
LI.05	LI.30	1	0.2890%
LI.05	LI.31	417	10.8594%
LI.05	LI.32	2463	11.8516%
LI.05	LI.33	4503	7.1637%
LI.05	LI.34	678	34.0532%
LI.05	LI.35	453	10.0488%
LI.05	LI.36	238	29.1667%
LI.05	LI.37	8621	13.7148%
LI.05	LI.38	7111	11.3126%
LI.05	LI.39	13	0.0207%
LI.05	LI.40	6	0.9494%
LI.05	LI.41	2403	10.4094%
LI.05	LI.42	18613	29.6107%
LI.05	LI.43	9542	15.1800%

LI.05	LI.44	1	0.7874%
LI.05	LI.45	7557	12.0221%
LI.05	LI.46	42	1.5458%
LI.05	LI.47	477	1.0646%
LI.05	LI.48	29759	47.3425%
LI.05	LI.49	1	0.6452%
LI.05	LI.50	82	20.2469%
LI.05	LI.51	5343	8.7174%
LI.05	LI.52	1	0.2618%
LI.05	LI.53	2951	4.7800%
LI.05	LI.54	1785	2.8397%
LI.05	LI.55	2142	3.4076%
LI.05	LI.56	128	0.7048%
LI.05	LI.57	24666	39.2402%
LI.05	LI.58	1996	3.1754%
LI.05	LI.59	15	5.4945%
LI.05	LI.60	37076	58.9828%
LI.05	LI.61	27629	43.9539%
LI.05	LI.62	277	5.1912%
LI.05	LI.63	3	0.0048%
LI.05	LI.64	24002	38.1839%
LI.05	LI.65	16974	27.0033%
LI.05	LI.66	117	9.1193%
LI.05	LI.67	0	0.0000%
LI.05	LI.68	1096	1.7436%
LI.05	LI.69	33919	53.9605%
LI.05	LI.70	2274	4.7113%
LI.05	LI.71	5044	12.6378%
LI.05	LI.72	33248	52.8930%
LI.05	LI.73	1996	7.2788%
LI.05	LI.74	5791	9.2127%
LI.05	LI.75	9552	15.1959%
LI.05	LI.76	9184	14.6105%
LI.05	LI.77	16587	26.3876%
LI.05	LI.78	11354	18.0626%
LI.05	LI.79	799	2.4946%
LI.05	LI.80	15768	25.0847%
LI.05	LI.81	1218	43.5778%
LI.05	LI.82	4153	13.1233%
LI.06	LI.07	2173	17.4384%

LI_06	LI_08	3	0.3896%
LI_06	LI_09	129	22.5919%
LI_06	LI_10	5720	15.4382%
LI_06	LI_11	22731	61.3506%
LI_06	LI_12	732	10.1737%
LI_06	LI_13	12600	34.0072%
LI_06	LI_14	2332	6.2940%
LI_06	LI_15	7561	20.4070%
LI_06	LI_16	0	0.0000%
LI_06	LI_17	19894	53.6936%
LI_06	LI_18	27218	73.4609%
LI_06	LI_19	8980	24.2369%
LI_06	LI_20	2636	11.6901%
LI_06	LI_21	1	0.1325%
LI_06	LI_22	0	0.0000%
LI_06	LI_23	146	0.3941%
LI_06	LI_24	27610	74.5189%
LI_06	LI_25	117	15.0968%
LI_06	LI_26	28832	77.8171%
LI_06	LI_27	433	5.7511%
LI_06	LI_28	23703	63.9740%
LI_06	LI_29	67	0.3738%
LI_06	LI_30	0	0.0000%
LI_06	LI_31	1	0.0260%
LI_06	LI_32	2255	10.8507%
LI_06	LI_33	6630	17.8943%
LI_06	LI_34	217	10.8990%
LI_06	LI_35	1	0.0222%
LI_06	LI_36	85	10.4167%
LI_06	LI_37	7038	18.9954%
LI_06	LI_38	6699	18.0805%
LI_06	LI_39	3	0.0081%
LI_06	LI_40	39	6.1709%
LI_06	LI_41	3479	15.0704%
LI_06	LI_42	20004	53.9904%
LI_06	LI_43	13323	35.9585%
LI_06	LI_44	0	0.0000%
LI_06	LI_45	5618	15.1629%
LI_06	LI_46	48	1.7667%
LI_06	LI_47	1117	3.0148%

LI.06	LI.48	25238	68.1169%
LI.06	LI.49	1	0.6452%
LI.06	LI.50	61	15.0617%
LI.06	LI.51	2319	6.2589%
LI.06	LI.52	1	0.2618%
LI.06	LI.53	4348	11.7352%
LI.06	LI.54	3021	8.1536%
LI.06	LI.55	6155	16.6122%
LI.06	LI.56	126	0.6938%
LI.06	LI.57	30340	81.8871%
LI.06	LI.58	2683	7.2414%
LI.06	LI.59	4	1.4652%
LI.06	LI.60	29248	78.9398%
LI.06	LI.61	29252	78.9506%
LI.06	LI.62	1	0.0187%
LI.06	LI.63	2	0.0054%
LI.06	LI.64	19684	53.1268%
LI.06	LI.65	24957	67.3585%
LI.06	LI.66	367	28.6048%
LI.06	LI.67	0	0.0000%
LI.06	LI.68	2913	7.8621%
LI.06	LI.69	23832	64.3222%
LI.06	LI.70	7790	21.0251%
LI.06	LI.71	5508	14.8660%
LI.06	LI.72	32777	88.4645%
LI.06	LI.73	3916	14.2805%
LI.06	LI.74	7348	19.8321%
LI.06	LI.75	8792	23.7295%
LI.06	LI.76	17227	46.4954%
LI.06	LI.77	9189	24.8010%
LI.06	LI.78	10183	27.4837%
LI.06	LI.79	1346	4.2024%
LI.06	LI.80	20176	54.4547%
LI.06	LI.81	502	17.9606%
LI.06	LI.82	4231	13.3698%
LI.07	LI.08	1	0.1299%
LI.07	LI.09	53	9.2820%
LI.07	LI.10	2924	23.4652%
LI.07	LI.11	7729	62.0255%
LI.07	LI.12	230	3.1967%

LI.07	LI.13	4572	36.6905%
LI.07	LI.14	995	7.9849%
LI.07	LI.15	2914	23.3850%
LI.07	LI.16	0	0.0000%
LI.07	LI.17	6868	55.1160%
LI.07	LI.18	9308	74.6971%
LI.07	LI.19	2832	22.7269%
LI.07	LI.20	1732	13.8994%
LI.07	LI.21	0	0.0000%
LI.07	LI.22	0	0.0000%
LI.07	LI.23	29	0.2327%
LI.07	LI.24	8648	69.4005%
LI.07	LI.25	62	8.0000%
LI.07	LI.26	9697	77.8188%
LI.07	LI.27	221	2.9353%
LI.07	LI.28	8578	68.8388%
LI.07	LI.29	1005	8.0652%
LI.07	LI.30	0	0.0000%
LI.07	LI.31	47	1.2240%
LI.07	LI.32	1034	8.2979%
LI.07	LI.33	2934	23.5455%
LI.07	LI.34	97	4.8719%
LI.07	LI.35	51	1.1313%
LI.07	LI.36	22	2.6961%
LI.07	LI.37	3539	28.4006%
LI.07	LI.38	3325	26.6833%
LI.07	LI.39	1	0.0080%
LI.07	LI.40	2	0.3165%
LI.07	LI.41	1656	13.2895%
LI.07	LI.42	7630	61.2310%
LI.07	LI.43	4577	36.7306%
LI.07	LI.44	0	0.0000%
LI.07	LI.45	2451	19.6694%
LI.07	LI.46	34	1.2514%
LI.07	LI.47	431	3.4588%
LI.07	LI.48	9538	76.5428%
LI.07	LI.49	0	0.0000%
LI.07	LI.50	9	2.2222%
LI.07	LI.51	1897	15.2235%
LI.07	LI.52	0	0.0000%

LI.07	LI.53	2008	16.1143%
LI.07	LI.54	1154	9.2609%
LI.07	LI.55	973	7.8084%
LI.07	LI.56	86	0.6902%
LI.07	LI.57	8928	71.6475%
LI.07	LI.58	1761	14.1321%
LI.07	LI.59	1	0.3663%
LI.07	LI.60	10660	85.5469%
LI.07	LI.61	10180	81.6949%
LI.07	LI.62	61	1.1432%
LI.07	LI.63	0	0.0000%
LI.07	LI.64	7371	59.1526%
LI.07	LI.65	8631	69.2641%
LI.07	LI.66	203	15.8223%
LI.07	LI.67	0	0.0000%
LI.07	LI.68	878	7.0460%
LI.07	LI.69	9113	73.1322%
LI.07	LI.70	2814	22.5825%
LI.07	LI.71	1719	13.7950%
LI.07	LI.72	10317	82.7943%
LI.07	LI.73	1573	12.6234%
LI.07	LI.74	2700	21.6676%
LI.07	LI.75	4594	36.8670%
LI.07	LI.76	6029	48.3830%
LI.07	LI.77	3884	31.1692%
LI.07	LI.78	4459	35.7836%
LI.07	LI.79	623	4.9996%
LI.07	LI.80	7492	60.1236%
LI.07	LI.81	671	24.0072%
LI.07	LI.82	1538	12.3425%
LI.08	LI.09	0	0.0000%
LI.08	LI.10	0	0.0000%
LI.08	LI.11	9	1.1688%
LI.08	LI.12	0	0.0000%
LI.08	LI.13	2	0.2597%
LI.08	LI.14	0	0.0000%
LI.08	LI.15	1	0.1299%
LI.08	LI.16	0	0.0000%
LI.08	LI.17	3	0.3896%
LI.08	LI.18	3	0.3896%

LI.08	LI.19	4	0.5195%
LI.08	LI.20	1	0.1299%
LI.08	LI.21	0	0.0000%
LI.08	LI.22	0	0.0000%
LI.08	LI.23	23	2.9870%
LI.08	LI.24	5	0.6494%
LI.08	LI.25	1	0.1299%
LI.08	LI.26	8	1.0390%
LI.08	LI.27	0	0.0000%
LI.08	LI.28	8	1.0390%
LI.08	LI.29	0	0.0000%
LI.08	LI.30	0	0.0000%
LI.08	LI.31	0	0.0000%
LI.08	LI.32	0	0.0000%
LI.08	LI.33	4	0.5195%
LI.08	LI.34	0	0.0000%
LI.08	LI.35	0	0.0000%
LI.08	LI.36	0	0.0000%
LI.08	LI.37	1	0.1299%
LI.08	LI.38	2	0.2597%
LI.08	LI.39	0	0.0000%
LI.08	LI.40	0	0.0000%
LI.08	LI.41	2	0.2597%
LI.08	LI.42	5	0.6494%
LI.08	LI.43	2	0.2597%
LI.08	LI.44	0	0.0000%
LI.08	LI.45	2	0.2597%
LI.08	LI.46	2	0.2597%
LI.08	LI.47	39	5.0649%
LI.08	LI.48	8	1.0390%
LI.08	LI.49	0	0.0000%
LI.08	LI.50	0	0.0000%
LI.08	LI.51	7	0.9091%
LI.08	LI.52	1	0.2618%
LI.08	LI.53	1	0.1299%
LI.08	LI.54	12	1.5584%
LI.08	LI.55	0	0.0000%
LI.08	LI.56	0	0.0000%
LI.08	LI.57	12	1.5584%
LI.08	LI.58	1	0.1299%

LI.08	LI.59	1	0.3663%
LI.08	LI.60	41	5.3247%
LI.08	LI.61	14	1.8182%
LI.08	LI.62	0	0.0000%
LI.08	LI.63	0	0.0000%
LI.08	LI.64	10	1.2987%
LI.08	LI.65	5	0.6494%
LI.08	LI.66	0	0.0000%
LI.08	LI.67	0	0.0000%
LI.08	LI.68	0	0.0000%
LI.08	LI.69	11	1.4286%
LI.08	LI.70	2	0.2597%
LI.08	LI.71	1	0.1299%
LI.08	LI.72	8	1.0390%
LI.08	LI.73	0	0.0000%
LI.08	LI.74	3	0.3896%
LI.08	LI.75	3	0.3896%
LI.08	LI.76	2	0.2597%
LI.08	LI.77	9	1.1688%
LI.08	LI.78	5	0.6494%
LI.08	LI.79	0	0.0000%
LI.08	LI.80	5	0.6494%
LI.08	LI.81	0	0.0000%
LI.08	LI.82	2	0.2597%
LI.09	LI.10	275	48.1611%
LI.09	LI.11	343	60.0701%
LI.09	LI.12	15	2.6270%
LI.09	LI.13	213	37.3030%
LI.09	LI.14	64	11.2084%
LI.09	LI.15	236	41.3310%
LI.09	LI.16	0	0.0000%
LI.09	LI.17	255	44.6585%
LI.09	LI.18	468	81.9615%
LI.09	LI.19	238	41.6813%
LI.09	LI.20	145	25.3940%
LI.09	LI.21	1	0.1751%
LI.09	LI.22	0	0.0000%
LI.09	LI.23	2	0.3503%
LI.09	LI.24	295	51.6637%
LI.09	LI.25	18	3.1524%

LI.09	LI.26	348	60.9457%
LI.09	LI.27	47	8.2312%
LI.09	LI.28	384	67.2504%
LI.09	LI.29	151	26.4448%
LI.09	LI.30	0	0.0000%
LI.09	LI.31	10	1.7513%
LI.09	LI.32	172	30.1226%
LI.09	LI.33	157	27.4956%
LI.09	LI.34	26	4.5534%
LI.09	LI.35	10	1.7513%
LI.09	LI.36	6	1.0508%
LI.09	LI.37	99	17.3380%
LI.09	LI.38	260	45.5342%
LI.09	LI.39	0	0.0000%
LI.09	LI.40	1	0.1751%
LI.09	LI.41	275	48.1611%
LI.09	LI.42	423	74.0806%
LI.09	LI.43	220	38.5289%
LI.09	LI.44	0	0.0000%
LI.09	LI.45	60	10.5079%
LI.09	LI.46	1	0.1751%
LI.09	LI.47	0	0.0000%
LI.09	LI.48	314	54.9912%
LI.09	LI.49	0	0.0000%
LI.09	LI.50	17	4.1975%
LI.09	LI.51	151	26.4448%
LI.09	LI.52	0	0.0000%
LI.09	LI.53	80	14.0105%
LI.09	LI.54	37	6.4799%
LI.09	LI.55	67	11.7338%
LI.09	LI.56	3	0.5254%
LI.09	LI.57	324	56.7426%
LI.09	LI.58	171	29.9475%
LI.09	LI.59	1	0.3663%
LI.09	LI.60	367	64.2732%
LI.09	LI.61	490	85.8144%
LI.09	LI.62	12	2.1016%
LI.09	LI.63	0	0.0000%
LI.09	LI.64	452	79.1594%
LI.09	LI.65	509	89.1419%

LI.09	LI.66	18	3.1524%
LI.09	LI.67	0	0.0000%
LI.09	LI.68	17	2.9772%
LI.09	LI.69	319	55.8669%
LI.09	LI.70	106	18.5639%
LI.09	LI.71	164	28.7215%
LI.09	LI.72	380	66.5499%
LI.09	LI.73	79	13.8354%
LI.09	LI.74	118	20.6655%
LI.09	LI.75	224	39.2294%
LI.09	LI.76	255	44.6585%
LI.09	LI.77	277	48.5114%
LI.09	LI.78	113	19.7898%
LI.09	LI.79	24	4.2032%
LI.09	LI.80	264	46.2347%
LI.09	LI.81	90	15.7618%
LI.09	LI.82	178	31.1734%
LI.10	LI.11	34332	27.8712%
LI.10	LI.12	746	10.3683%
LI.10	LI.13	23869	19.3772%
LI.10	LI.14	6183	15.1909%
LI.10	LI.15	10321	18.1942%
LI.10	LI.16	0	0.0000%
LI.10	LI.17	22747	18.4663%
LI.10	LI.18	69126	56.1174%
LI.10	LI.19	10662	8.6556%
LI.10	LI.20	10090	44.7470%
LI.10	LI.21	1	0.1325%
LI.10	LI.22	0	0.0000%
LI.10	LI.23	169	0.1415%
LI.10	LI.24	29664	24.0816%
LI.10	LI.25	164	21.1613%
LI.10	LI.26	48212	39.1392%
LI.10	LI.27	2762	36.6848%
LI.10	LI.28	36294	29.4640%
LI.10	LI.29	8296	46.2843%
LI.10	LI.30	0	0.0000%
LI.10	LI.31	1398	36.4062%
LI.10	LI.32	8956	43.0950%
LI.10	LI.33	22873	21.0052%

LI_10	LI_34	323	16.2230%
LI_10	LI_35	1411	31.2999%
LI_10	LI_36	109	13.3578%
LI_10	LI_37	17294	14.0395%
LI_10	LI_38	40720	33.0570%
LI_10	LI_39	18	0.0146%
LI_10	LI_40	70	11.0759%
LI_10	LI_41	4671	20.2339%
LI_10	LI_42	62514	50.7497%
LI_10	LI_43	12041	9.7750%
LI_10	LI_44	0	0.0000%
LI_10	LI_45	19112	15.5154%
LI_10	LI_46	48	1.7667%
LI_10	LI_47	2009	4.4837%
LI_10	LI_48	45822	37.1989%
LI_10	LI_49	1	0.6452%
LI_10	LI_50	44	10.8642%
LI_10	LI_51	17243	28.1330%
LI_10	LI_52	3	0.7853%
LI_10	LI_53	13644	22.1002%
LI_10	LI_54	2838	2.6421%
LI_10	LI_55	3510	2.8495%
LI_10	LI_56	201	1.1068%
LI_10	LI_57	45937	37.2923%
LI_10	LI_58	4559	3.7011%
LI_10	LI_59	5	1.8315%
LI_10	LI_60	89355	72.5396%
LI_10	LI_61	50896	41.3181%
LI_10	LI_62	730	13.6807%
LI_10	LI_63	2	0.0023%
LI_10	LI_64	64714	52.5357%
LI_10	LI_65	43045	34.9445%
LI_10	LI_66	211	16.4458%
LI_10	LI_67	0	0.0000%
LI_10	LI_68	2183	1.7722%
LI_10	LI_69	37565	30.4958%
LI_10	LI_70	5712	11.8342%
LI_10	LI_71	5453	13.6626%
LI_10	LI_72	57655	46.8051%
LI_10	LI_73	3165	11.5418%

LI_10	LI_74	13295	13.2832%
LI_10	LI_75	30967	25.1394%
LI_10	LI_76	17166	13.9356%
LI_10	LI_77	22666	18.4006%
LI_10	LI_78	48803	39.6189%
LI_10	LI_79	3225	10.0690%
LI_10	LI_80	29749	24.1506%
LI_10	LI_81	1298	46.4401%
LI_10	LI_82	3334	10.5353%
LI_11	LI_12	3835	53.3009%
LI_11	LI_13	89127	36.8365%
LI_11	LI_14	11060	27.1731%
LI_11	LI_15	35446	62.4852%
LI_11	LI_16	30	0.5209%
LI_11	LI_17	370685	35.7753%
LI_11	LI_18	416219	31.9429%
LI_11	LI_19	91818	30.2993%
LI_11	LI_20	9066	40.2058%
LI_11	LI_21	11	1.4570%
LI_11	LI_22	1	0.0006%
LI_11	LI_23	1614	1.3510%
LI_11	LI_24	487124	48.3430%
LI_11	LI_25	296	38.1935%
LI_11	LI_26	782870	46.2432%
LI_11	LI_27	1585	21.0519%
LI_11	LI_28	400736	33.1121%
LI_11	LI_29	1505	8.3966%
LI_11	LI_30	3	0.8671%
LI_11	LI_31	24	0.6250%
LI_11	LI_32	6547	31.5032%
LI_11	LI_33	41347	37.9706%
LI_11	LI_34	632	31.7428%
LI_11	LI_35	25	0.5546%
LI_11	LI_36	252	30.8824%
LI_11	LI_37	341709	31.0007%
LI_11	LI_38	34710	25.6535%
LI_11	LI_39	1746	0.3249%
LI_11	LI_40	93	14.7152%
LI_11	LI_41	15699	68.0052%
LI_11	LI_42	175889	25.5024%

LI.11	LI.43	91863	63.3687%
LI.11	LI.44	1	0.7874%
LI.11	LI.45	81827	34.5199%
LI.11	LI.46	132	4.8583%
LI.11	LI.47	4647	10.3711%
LI.11	LI.48	703564	28.4903%
LI.11	LI.49	13	8.3871%
LI.11	LI.50	154	38.0247%
LI.11	LI.51	10452	17.0531%
LI.11	LI.52	5	1.3089%
LI.11	LI.53	29825	48.3098%
LI.11	LI.54	27379	25.4890%
LI.11	LI.55	47989	3.1632%
LI.11	LI.56	2342	12.8965%
LI.11	LI.57	639641	31.0648%
LI.11	LI.58	42297	30.2580%
LI.11	LI.59	7	2.5641%
LI.11	LI.60	1497704	60.6485%
LI.11	LI.61	674477	27.3125%
LI.11	LI.62	82	1.5367%
LI.11	LI.63	37	0.0434%
LI.11	LI.64	173079	32.0984%
LI.11	LI.65	256897	41.3516%
LI.11	LI.66	1057	82.3850%
LI.11	LI.67	0	0.0000%
LI.11	LI.68	58641	18.1914%
LI.11	LI.69	815078	33.0060%
LI.11	LI.70	39418	81.6666%
LI.11	LI.71	22362	56.0283%
LI.11	LI.72	1335495	54.0799%
LI.11	LI.73	19962	72.7956%
LI.11	LI.74	46572	46.5306%
LI.11	LI.75	75657	24.2196%
LI.11	LI.76	91455	49.9899%
LI.11	LI.77	211887	8.5802%
LI.11	LI.78	120666	28.0411%
LI.11	LI.79	7004	21.8677%
LI.11	LI.80	385673	37.3309%
LI.11	LI.81	1244	44.5081%
LI.11	LI.82	19787	62.5261%

LI.12	LI.13	1664	23.1272%
LI.12	LI.14	213	2.9604%
LI.12	LI.15	733	10.1876%
LI.12	LI.16	1	0.0174%
LI.12	LI.17	4165	57.8874%
LI.12	LI.18	4585	63.7248%
LI.12	LI.19	1003	13.9402%
LI.12	LI.20	216	3.0021%
LI.12	LI.21	0	0.0000%
LI.12	LI.22	0	0.0000%
LI.12	LI.23	14	0.1946%
LI.12	LI.24	4731	65.7540%
LI.12	LI.25	22	2.8387%
LI.12	LI.26	5522	76.7477%
LI.12	LI.27	63	0.8756%
LI.12	LI.28	3671	51.0215%
LI.12	LI.29	212	2.9465%
LI.12	LI.30	0	0.0000%
LI.12	LI.31	19	0.4948%
LI.12	LI.32	177	2.4600%
LI.12	LI.33	369	5.1286%
LI.12	LI.34	17	0.8538%
LI.12	LI.35	21	0.4658%
LI.12	LI.36	4	0.4902%
LI.12	LI.37	2941	40.8756%
LI.12	LI.38	517	7.1855%
LI.12	LI.39	3	0.0417%
LI.12	LI.40	1	0.1582%
LI.12	LI.41	278	3.8638%
LI.12	LI.42	3007	41.7929%
LI.12	LI.43	1303	18.1098%
LI.12	LI.44	0	0.0000%
LI.12	LI.45	567	7.8805%
LI.12	LI.46	7	0.2576%
LI.12	LI.47	12	0.1668%
LI.12	LI.48	5090	70.7436%
LI.12	LI.49	0	0.0000%
LI.12	LI.50	1	0.2469%
LI.12	LI.51	286	3.9750%
LI.12	LI.52	0	0.0000%

LI.12	LI.53	560	7.7832%
LI.12	LI.54	504	7.0049%
LI.12	LI.55	978	13.5928%
LI.12	LI.56	41	0.5698%
LI.12	LI.57	4869	67.6720%
LI.12	LI.58	101	1.4038%
LI.12	LI.59	1	0.3663%
LI.12	LI.60	6156	85.5594%
LI.12	LI.61	5436	75.5525%
LI.12	LI.62	16	0.2999%
LI.12	LI.63	0	0.0000%
LI.12	LI.64	2583	35.8999%
LI.12	LI.65	4062	56.4559%
LI.12	LI.66	9	0.7015%
LI.12	LI.67	0	0.0000%
LI.12	LI.68	493	6.8520%
LI.12	LI.69	5385	74.8436%
LI.12	LI.70	1338	18.5962%
LI.12	LI.71	279	3.8777%
LI.12	LI.72	5904	82.0570%
LI.12	LI.73	355	4.9340%
LI.12	LI.74	719	9.9931%
LI.12	LI.75	1133	15.7470%
LI.12	LI.76	1718	23.8777%
LI.12	LI.77	1800	25.0174%
LI.12	LI.78	788	10.9521%
LI.12	LI.79	106	1.4732%
LI.12	LI.80	4258	59.1800%
LI.12	LI.81	98	3.5063%
LI.12	LI.82	329	4.5726%
LI.13	LI.14	8007	19.6723%
LI.13	LI.15	15203	26.8003%
LI.13	LI.16	144	2.5004%
LI.13	LI.17	74175	30.6568%
LI.13	LI.18	96126	39.7292%
LI.13	LI.19	26878	11.1088%
LI.13	LI.20	7289	32.3252%
LI.13	LI.21	1	0.1325%
LI.13	LI.22	1	0.0006%
LI.13	LI.23	290	0.2427%

LI.13	LI.24	88431	36.5488%
LI.13	LI.25	144	18.5806%
LI.13	LI.26	116453	48.1304%
LI.13	LI.27	626	8.3145%
LI.13	LI.28	69377	28.6738%
LI.13	LI.29	97	0.5412%
LI.13	LI.30	0	0.0000%
LI.13	LI.31	11	0.2865%
LI.13	LI.32	5845	28.1253%
LI.13	LI.33	24820	22.7932%
LI.13	LI.34	196	9.8443%
LI.13	LI.35	11	0.2440%
LI.13	LI.36	156	19.1176%
LI.13	LI.37	49079	20.2845%
LI.13	LI.38	27644	20.4312%
LI.13	LI.39	728	0.3009%
LI.13	LI.40	16	2.5316%
LI.13	LI.41	6978	30.2274%
LI.13	LI.42	62758	25.9381%
LI.13	LI.43	31914	22.0148%
LI.13	LI.44	0	0.0000%
LI.13	LI.45	31852	13.4372%
LI.13	LI.46	83	3.0548%
LI.13	LI.47	2870	6.4052%
LI.13	LI.48	124417	51.4220%
LI.13	LI.49	5	3.2258%
LI.13	LI.50	94	23.2099%
LI.13	LI.51	7587	12.3787%
LI.13	LI.52	1	0.2618%
LI.13	LI.53	16995	27.5281%
LI.13	LI.54	7384	6.8743%
LI.13	LI.55	10296	4.2554%
LI.13	LI.56	393	2.1641%
LI.13	LI.57	107854	44.5764%
LI.13	LI.58	9240	6.6100%
LI.13	LI.59	12	4.3956%
LI.13	LI.60	176566	72.9753%
LI.13	LI.61	112727	46.5905%
LI.13	LI.62	35	0.6559%
LI.13	LI.63	3	0.0035%

LI_13	LI.64	67345	27.8339%
LI_13	LI.65	73176	30.2439%
LI_13	LI.66	397	30.9431%
LI_13	LI.67	0	0.0000%
LI_13	LI.68	8578	3.5453%
LI_13	LI.69	119592	49.4278%
LI_13	LI.70	18199	37.7049%
LI_13	LI.71	10031	25.1328%
LI_13	LI.72	146081	60.3758%
LI_13	LI.73	8094	29.5164%
LI_13	LI.74	21149	21.1302%
LI_13	LI.75	32217	13.3154%
LI_13	LI.76	36381	19.8861%
LI_13	LI.77	31317	12.9434%
LI_13	LI.78	50794	20.9933%
LI_13	LI.79	4903	15.3080%
LI_13	LI.80	83126	34.3563%
LI_13	LI.81	714	25.5456%
LI_13	LI.82	7950	25.1217%
LI_14	LI.15	2581	6.3412%
LI_14	LI.16	60	1.0418%
LI_14	LI.17	8763	21.5297%
LI_14	LI.18	16812	41.3051%
LI_14	LI.19	3749	9.2108%
LI_14	LI.20	2177	9.6545%
LI_14	LI.21	0	0.0000%
LI_14	LI.22	335	0.8231%
LI_14	LI.23	39	0.0958%
LI_14	LI.24	10891	26.7579%
LI_14	LI.25	79	10.1935%
LI_14	LI.26	14963	36.7623%
LI_14	LI.27	358	4.7549%
LI_14	LI.28	11675	28.6841%
LI_14	LI.29	942	5.2555%
LI_14	LI.30	0	0.0000%
LI_14	LI.31	304	7.9167%
LI_14	LI.32	1880	9.0463%
LI_14	LI.33	5758	14.1467%
LI_14	LI.34	85	4.2692%
LI_14	LI.35	309	6.8545%

LI.14	LI.36	91	11.1520%
LI.14	LI.37	5740	14.1025%
LI.14	LI.38	7666	18.8345%
LI.14	LI.39	1363	3.3487%
LI.14	LI.40	8	1.2658%
LI.14	LI.41	1126	4.8776%
LI.14	LI.42	14386	35.3447%
LI.14	LI.43	3913	9.6138%
LI.14	LI.44	0	0.0000%
LI.14	LI.45	5919	14.5423%
LI.14	LI.46	19	0.6993%
LI.14	LI.47	852	2.0933%
LI.14	LI.48	16378	40.2388%
LI.14	LI.49	0	0.0000%
LI.14	LI.50	19	4.6914%
LI.14	LI.51	3449	8.4738%
LI.14	LI.52	0	0.0000%
LI.14	LI.53	3320	8.1568%
LI.14	LI.54	919	2.2579%
LI.14	LI.55	1388	3.4102%
LI.14	LI.56	35	0.1927%
LI.14	LI.57	15113	37.1309%
LI.14	LI.58	871	2.1399%
LI.14	LI.59	5	1.8315%
LI.14	LI.60	22032	54.1300%
LI.14	LI.61	15478	38.0276%
LI.14	LI.62	36	0.6747%
LI.14	LI.63	4	0.0098%
LI.14	LI.64	13835	33.9910%
LI.14	LI.65	11906	29.2516%
LI.14	LI.66	44	3.4295%
LI.14	LI.67	0	0.0000%
LI.14	LI.68	984	2.4176%
LI.14	LI.69	13762	33.8116%
LI.14	LI.70	2059	5.0587%
LI.14	LI.71	2204	5.5221%
LI.14	LI.72	18338	45.0543%
LI.14	LI.73	1002	3.6540%
LI.14	LI.74	4055	9.9627%
LI.14	LI.75	7796	19.1538%

LI.14	LI.76	6009	14.7634%
LI.14	LI.77	5769	14.1738%
LI.14	LI.78	8373	20.5715%
LI.14	LI.79	1214	3.7903%
LI.14	LI.80	10250	25.1830%
LI.14	LI.81	341	12.2004%
LI.14	LI.82	1175	3.7129%
LI.15	LI.16	0	0.0000%
LI.15	LI.17	25837	45.5462%
LI.15	LI.18	35147	61.9582%
LI.15	LI.19	11982	21.1222%
LI.15	LI.20	4488	19.9033%
LI.15	LI.21	1	0.1325%
LI.15	LI.22	0	0.0000%
LI.15	LI.23	128	0.2256%
LI.15	LI.24	36822	64.9109%
LI.15	LI.25	115	14.8387%
LI.15	LI.26	41018	72.3077%
LI.15	LI.27	1226	16.2837%
LI.15	LI.28	33281	58.6687%
LI.15	LI.29	2330	12.9993%
LI.15	LI.30	0	0.0000%
LI.15	LI.31	78	2.0312%
LI.15	LI.32	3986	19.1801%
LI.15	LI.33	9843	17.3515%
LI.15	LI.34	365	18.3325%
LI.15	LI.35	81	1.7968%
LI.15	LI.36	69	8.4559%
LI.15	LI.37	12798	22.5607%
LI.15	LI.38	10930	19.2677%
LI.15	LI.39	13	0.0229%
LI.15	LI.40	58	9.1772%
LI.15	LI.41	6234	27.0045%
LI.15	LI.42	29444	51.9047%
LI.15	LI.43	16565	29.2013%
LI.15	LI.44	0	0.0000%
LI.15	LI.45	10085	17.7781%
LI.15	LI.46	68	2.5028%
LI.15	LI.47	1581	3.5285%
LI.15	LI.48	36630	64.5724%

LI.15	LI.49	1	0.6452%
LI.15	LI.50	52	12.8395%
LI.15	LI.51	3758	6.6247%
LI.15	LI.52	0	0.0000%
LI.15	LI.53	5531	9.7502%
LI.15	LI.54	4049	7.1377%
LI.15	LI.55	3508	6.1840%
LI.15	LI.56	112	0.6167%
LI.15	LI.57	38578	68.0064%
LI.15	LI.58	6476	11.4161%
LI.15	LI.59	8	2.9304%
LI.15	LI.60	45763	80.6723%
LI.15	LI.61	41303	72.8101%
LI.15	LI.62	163	3.0547%
LI.15	LI.63	2	0.0035%
LI.15	LI.64	28916	50.9740%
LI.15	LI.65	34825	61.3905%
LI.15	LI.66	619	48.2463%
LI.15	LI.67	0	0.0000%
LI.15	LI.68	2082	3.6702%
LI.15	LI.69	36832	64.9285%
LI.15	LI.70	8798	18.2278%
LI.15	LI.71	6904	17.2981%
LI.15	LI.72	44683	78.7685%
LI.15	LI.73	5055	18.4341%
LI.15	LI.74	9403	16.5759%
LI.15	LI.75	12891	22.7246%
LI.15	LI.76	19558	34.4774%
LI.15	LI.77	12604	22.2187%
LI.15	LI.78	17941	31.6269%
LI.15	LI.79	1884	5.8822%
LI.15	LI.80	27535	48.5395%
LI.15	LI.81	877	31.3775%
LI.15	LI.82	4902	15.4901%
LI.16	LI.17	13	0.2257%
LI.16	LI.18	6	0.1042%
LI.16	LI.19	1	0.0174%
LI.16	LI.20	0	0.0000%
LI.16	LI.21	0	0.0000%
LI.16	LI.22	0	0.0000%

LI_16	LI_23	0	0.0000%
LI_16	LI_24	4	0.0695%
LI_16	LI_25	0	0.0000%
LI_16	LI_26	5	0.0868%
LI_16	LI_27	0	0.0000%
LI_16	LI_28	2	0.0347%
LI_16	LI_29	0	0.0000%
LI_16	LI_30	0	0.0000%
LI_16	LI_31	0	0.0000%
LI_16	LI_32	0	0.0000%
LI_16	LI_33	0	0.0000%
LI_16	LI_34	0	0.0000%
LI_16	LI_35	0	0.0000%
LI_16	LI_36	0	0.0000%
LI_16	LI_37	16	0.2778%
LI_16	LI_38	1	0.0174%
LI_16	LI_39	2448	42.5074%
LI_16	LI_40	0	0.0000%
LI_16	LI_41	0	0.0000%
LI_16	LI_42	0	0.0000%
LI_16	LI_43	0	0.0000%
LI_16	LI_44	0	0.0000%
LI_16	LI_45	0	0.0000%
LI_16	LI_46	0	0.0000%
LI_16	LI_47	1	0.0174%
LI_16	LI_48	24	0.4167%
LI_16	LI_49	0	0.0000%
LI_16	LI_50	0	0.0000%
LI_16	LI_51	0	0.0000%
LI_16	LI_52	0	0.0000%
LI_16	LI_53	0	0.0000%
LI_16	LI_54	0	0.0000%
LI_16	LI_55	6	0.1042%
LI_16	LI_56	0	0.0000%
LI_16	LI_57	14	0.2431%
LI_16	LI_58	1	0.0174%
LI_16	LI_59	0	0.0000%
LI_16	LI_60	85	1.4760%
LI_16	LI_61	11	0.1910%
LI_16	LI_62	0	0.0000%

LI.16	LI.63	1	0.0174%
LI.16	LI.64	2	0.0347%
LI.16	LI.65	1	0.0174%
LI.16	LI.66	0	0.0000%
LI.16	LI.67	0	0.0000%
LI.16	LI.68	6	0.1042%
LI.16	LI.69	27	0.4688%
LI.16	LI.70	0	0.0000%
LI.16	LI.71	0	0.0000%
LI.16	LI.72	69	1.1981%
LI.16	LI.73	0	0.0000%
LI.16	LI.74	0	0.0000%
LI.16	LI.75	1	0.0174%
LI.16	LI.76	0	0.0000%
LI.16	LI.77	104	1.8059%
LI.16	LI.78	0	0.0000%
LI.16	LI.79	60	1.0418%
LI.16	LI.80	5	0.0868%
LI.16	LI.81	0	0.0000%
LI.16	LI.82	0	0.0000%
LI.17	LI.18	285064	27.5119%
LI.17	LI.19	67066	22.1313%
LI.17	LI.20	5529	24.5199%
LI.17	LI.21	0	0.0000%
LI.17	LI.22	0	0.0000%
LI.17	LI.23	796	0.6663%
LI.17	LI.24	321187	31.8751%
LI.17	LI.25	209	26.9677%
LI.17	LI.26	459711	44.3673%
LI.17	LI.27	320	4.2502%
LI.17	LI.28	244194	23.5675%
LI.17	LI.29	93	0.5189%
LI.17	LI.30	0	0.0000%
LI.17	LI.31	0	0.0000%
LI.17	LI.32	4640	22.3270%
LI.17	LI.33	27620	25.3646%
LI.17	LI.34	300	15.0678%
LI.17	LI.35	0	0.0000%
LI.17	LI.36	249	30.5147%
LI.17	LI.37	214724	20.7233%

LI.17	LI.38	19058	14.0854%
LI.17	LI.39	578	0.1076%
LI.17	LI.40	10	1.5823%
LI.17	LI.41	10821	46.8746%
LI.17	LI.42	112125	16.2571%
LI.17	LI.43	66589	45.9342%
LI.17	LI.44	0	0.0000%
LI.17	LI.45	61720	26.0375%
LI.17	LI.46	117	4.3062%
LI.17	LI.47	899	2.0064%
LI.17	LI.48	479055	46.2342%
LI.17	LI.49	9	5.8065%
LI.17	LI.50	158	39.0123%
LI.17	LI.51	4350	7.0973%
LI.17	LI.52	1	0.2618%
LI.17	LI.53	20216	32.7454%
LI.17	LI.54	19758	18.3941%
LI.17	LI.55	35360	3.4126%
LI.17	LI.56	2079	11.4482%
LI.17	LI.57	389733	37.6136%
LI.17	LI.58	24934	17.8370%
LI.17	LI.59	39	14.2857%
LI.17	LI.60	814207	78.5801%
LI.17	LI.61	424844	41.0022%
LI.17	LI.62	3	0.0562%
LI.17	LI.63	13	0.0152%
LI.17	LI.64	122512	22.7205%
LI.17	LI.65	200993	32.3530%
LI.17	LI.66	897	69.9143%
LI.17	LI.67	0	0.0000%
LI.17	LI.68	73512	22.8046%
LI.17	LI.69	550882	53.1663%
LI.17	LI.70	38849	80.4877%
LI.17	LI.71	17614	44.1321%
LI.17	LI.72	772341	74.5396%
LI.17	LI.73	17310	63.1245%
LI.17	LI.74	39287	39.2521%
LI.17	LI.75	50985	16.3215%
LI.17	LI.76	73835	40.3587%
LI.17	LI.77	109439	10.5621%

LI.17	LI.78	67059	15.5836%
LI.17	LI.79	6338	19.7883%
LI.17	LI.80	298208	28.8648%
LI.17	LI.81	792	28.3363%
LI.17	LI.82	16077	50.8026%
LI.18	LI.19	65936	21.7584%
LI.18	LI.20	17148	76.0477%
LI.18	LI.21	1	0.1325%
LI.18	LI.22	2	0.0012%
LI.18	LI.23	1104	0.9241%
LI.18	LI.24	349647	34.6995%
LI.18	LI.25	314	40.5161%
LI.18	LI.26	490341	37.6315%
LI.18	LI.27	4801	63.7668%
LI.18	LI.28	304419	25.1536%
LI.18	LI.29	13165	73.4490%
LI.18	LI.30	0	0.0000%
LI.18	LI.31	2172	56.5625%
LI.18	LI.32	15591	75.0217%
LI.18	LI.33	54759	50.2874%
LI.18	LI.34	1036	52.0342%
LI.18	LI.35	2457	54.5031%
LI.18	LI.36	312	38.2353%
LI.18	LI.37	202709	18.3903%
LI.18	LI.38	72733	53.7556%
LI.18	LI.39	592	0.1102%
LI.18	LI.40	285	45.0949%
LI.18	LI.41	15750	68.2261%
LI.18	LI.42	244604	35.4654%
LI.18	LI.43	72047	49.6992%
LI.18	LI.44	1	0.7874%
LI.18	LI.45	80017	33.7563%
LI.18	LI.46	134	4.9319%
LI.18	LI.47	4531	10.1123%
LI.18	LI.48	496643	38.1151%
LI.18	LI.49	11	7.0968%
LI.18	LI.50	190	46.9136%
LI.18	LI.51	29620	48.3268%
LI.18	LI.52	9	2.3560%
LI.18	LI.53	37874	61.3473%

LI.18	LI.54	20177	18.7842%
LI.18	LI.55	39169	3.0060%
LI.18	LI.56	2925	16.1068%
LI.18	LI.57	436179	33.4748%
LI.18	LI.58	21675	15.5056%
LI.18	LI.59	20	7.3260%
LI.18	LI.60	872496	66.9601%
LI.18	LI.61	465018	35.6880%
LI.18	LI.62	1421	26.6304%
LI.18	LI.63	39	0.0457%
LI.18	LI.64	211234	39.1745%
LI.18	LI.65	265461	42.7301%
LI.18	LI.66	882	68.7451%
LI.18	LI.67	0	0.0000%
LI.18	LI.68	43502	13.4950%
LI.18	LI.69	512408	39.3250%
LI.18	LI.70	38867	80.5250%
LI.18	LI.71	22192	55.6023%
LI.18	LI.72	805656	61.8305%
LI.18	LI.73	17422	63.5329%
LI.18	LI.74	46775	46.7334%
LI.18	LI.75	97682	31.2703%
LI.18	LI.76	87089	47.6034%
LI.18	LI.77	137671	10.5656%
LI.18	LI.78	135654	31.5241%
LI.18	LI.79	8403	26.2356%
LI.18	LI.80	286242	27.7066%
LI.18	LI.81	2240	80.1431%
LI.18	LI.82	17638	55.7353%
LI.19	LI.20	3584	15.8943%
LI.19	LI.21	1	0.1325%
LI.19	LI.22	1	0.0006%
LI.19	LI.23	372	0.3114%
LI.19	LI.24	69883	23.0609%
LI.19	LI.25	189	24.3871%
LI.19	LI.26	127143	41.9563%
LI.19	LI.27	745	9.8951%
LI.19	LI.28	72870	24.0466%
LI.19	LI.29	272	1.5175%
LI.19	LI.30	0	0.0000%

LI.19	LI.31	28	0.7292%
LI.19	LI.32	3597	17.3082%
LI.19	LI.33	12980	11.9201%
LI.19	LI.34	635	31.8935%
LI.19	LI.35	42	0.9317%
LI.19	LI.36	276	33.8235%
LI.19	LI.37	46769	15.4334%
LI.19	LI.38	11860	8.7655%
LI.19	LI.39	126	0.0416%
LI.19	LI.40	41	6.4873%
LI.19	LI.41	6926	30.0022%
LI.19	LI.42	36266	11.9675%
LI.19	LI.43	46045	31.7626%
LI.19	LI.44	1	0.7874%
LI.19	LI.45	26504	11.1811%
LI.19	LI.46	77	2.8340%
LI.19	LI.47	1193	2.6625%
LI.19	LI.48	166899	55.0755%
LI.19	LI.49	2	1.2903%
LI.19	LI.50	161	39.7531%
LI.19	LI.51	3802	6.2032%
LI.19	LI.52	3	0.7853%
LI.19	LI.53	9328	15.1093%
LI.19	LI.54	8066	7.5092%
LI.19	LI.55	7950	2.6234%
LI.19	LI.56	162	0.8921%
LI.19	LI.57	146909	48.4789%
LI.19	LI.58	11316	8.0951%
LI.19	LI.59	8	2.9304%
LI.19	LI.60	209417	69.1061%
LI.19	LI.61	145801	48.1133%
LI.19	LI.62	24	0.4498%
LI.19	LI.63	4	0.0047%
LI.19	LI.64	58941	19.4501%
LI.19	LI.65	57554	18.9924%
LI.19	LI.66	375	29.2284%
LI.19	LI.67	0	0.0000%
LI.19	LI.68	6610	2.1813%
LI.19	LI.69	248581	82.0299%
LI.19	LI.70	10821	22.4190%

LI_19	LI_71	12186	30.5322%
LI_19	LI_72	176180	58.1381%
LI_19	LI_73	7548	27.5253%
LI_19	LI_74	19300	19.2828%
LI_19	LI_75	19730	6.5108%
LI_19	LI_76	36029	19.6937%
LI_19	LI_77	42365	13.9801%
LI_19	LI_78	45244	14.9302%
LI_19	LI_79	2337	7.2965%
LI_19	LI_80	76849	25.3596%
LI_19	LI_81	969	34.6691%
LI_19	LI_82	19259	60.8576%
LI_20	LI_21	1	0.1325%
LI_20	LI_22	0	0.0000%
LI_20	LI_23	28	0.1242%
LI_20	LI_24	8435	37.4074%
LI_20	LI_25	103	13.2903%
LI_20	LI_26	11037	48.9467%
LI_20	LI_27	1058	14.0523%
LI_20	LI_28	11661	51.7140%
LI_20	LI_29	3515	19.6106%
LI_20	LI_30	0	0.0000%
LI_20	LI_31	309	8.0469%
LI_20	LI_32	2947	14.1805%
LI_20	LI_33	5909	26.2052%
LI_20	LI_34	197	9.8945%
LI_20	LI_35	321	7.1207%
LI_20	LI_36	25	3.0637%
LI_20	LI_37	2464	10.9273%
LI_20	LI_38	11064	49.0665%
LI_20	LI_39	1	0.0044%
LI_20	LI_40	14	2.2152%
LI_20	LI_41	2392	10.6080%
LI_20	LI_42	16488	73.1208%
LI_20	LI_43	4707	20.8745%
LI_20	LI_44	0	0.0000%
LI_20	LI_45	4896	21.7127%
LI_20	LI_46	17	0.6257%
LI_20	LI_47	1019	4.5190%
LI_20	LI_48	10612	47.0620%

LI_20	LI_49	1	0.6452%
LI_20	LI_50	9	2.2222%
LI_20	LI_51	4699	20.8391%
LI_20	LI_52	0	0.0000%
LI_20	LI_53	3939	17.4686%
LI_20	LI_54	850	3.7696%
LI_20	LI_55	770	3.4148%
LI_20	LI_56	84	0.4626%
LI_20	LI_57	10854	48.1352%
LI_20	LI_58	1766	7.8318%
LI_20	LI_59	4	1.4652%
LI_20	LI_60	16194	71.8169%
LI_20	LI_61	15275	67.7414%
LI_20	LI_62	190	3.5607%
LI_20	LI_63	0	0.0000%
LI_20	LI_64	16445	72.9301%
LI_20	LI_65	13346	59.1867%
LI_20	LI_66	134	10.4443%
LI_20	LI_67	0	0.0000%
LI_20	LI_68	460	2.0400%
LI_20	LI_69	7610	33.7487%
LI_20	LI_70	1057	4.6876%
LI_20	LI_71	2271	10.0714%
LI_20	LI_72	12667	56.1754%
LI_20	LI_73	1606	7.1223%
LI_20	LI_74	4656	20.6484%
LI_20	LI_75	9415	41.7535%
LI_20	LI_76	6747	29.9215%
LI_20	LI_77	6650	29.4913%
LI_20	LI_78	10403	46.1351%
LI_20	LI_79	1044	4.6299%
LI_20	LI_80	6375	28.2718%
LI_20	LI_81	899	32.1646%
LI_20	LI_82	1474	6.5369%
LI_21	LI_22	0	0.0000%
LI_21	LI_23	0	0.0000%
LI_21	LI_24	1	0.1325%
LI_21	LI_25	3	0.3974%
LI_21	LI_26	1	0.1325%
LI_21	LI_27	1	0.1325%

LI_21	LI_28	0	0.0000%
LI_21	LI_29	0	0.0000%
LI_21	LI_30	0	0.0000%
LI_21	LI_31	1	0.1325%
LI_21	LI_32	1	0.1325%
LI_21	LI_33	1	0.1325%
LI_21	LI_34	2	0.2649%
LI_21	LI_35	1	0.1325%
LI_21	LI_36	1	0.1325%
LI_21	LI_37	0	0.0000%
LI_21	LI_38	0	0.0000%
LI_21	LI_39	0	0.0000%
LI_21	LI_40	1	0.1582%
LI_21	LI_41	1	0.1325%
LI_21	LI_42	2	0.2649%
LI_21	LI_43	1	0.1325%
LI_21	LI_44	0	0.0000%
LI_21	LI_45	1	0.1325%
LI_21	LI_46	0	0.0000%
LI_21	LI_47	0	0.0000%
LI_21	LI_48	1	0.1325%
LI_21	LI_49	0	0.0000%
LI_21	LI_50	1	0.2469%
LI_21	LI_51	16	2.1192%
LI_21	LI_52	0	0.0000%
LI_21	LI_53	0	0.0000%
LI_21	LI_54	0	0.0000%
LI_21	LI_55	8	1.0596%
LI_21	LI_56	1	0.1325%
LI_21	LI_57	1	0.1325%
LI_21	LI_58	0	0.0000%
LI_21	LI_59	1	0.3663%
LI_21	LI_60	1	0.1325%
LI_21	LI_61	1	0.1325%
LI_21	LI_62	2	0.2649%
LI_21	LI_63	0	0.0000%
LI_21	LI_64	16	2.1192%
LI_21	LI_65	1	0.1325%
LI_21	LI_66	0	0.0000%
LI_21	LI_67	0	0.0000%

LI_21	LI.68	0	0.0000%
LI_21	LI.69	1	0.1325%
LI_21	LI.70	2	0.2649%
LI_21	LI.71	1	0.1325%
LI_21	LI.72	0	0.0000%
LI_21	LI.73	0	0.0000%
LI_21	LI.74	1	0.1325%
LI_21	LI.75	0	0.0000%
LI_21	LI.76	1	0.1325%
LI_21	LI.77	0	0.0000%
LI_21	LI.78	1	0.1325%
LI_21	LI.79	0	0.0000%
LI_21	LI.80	0	0.0000%
LI_21	LI.81	0	0.0000%
LI_21	LI.82	1	0.1325%
LI_22	LI.23	0	0.0000%
LI_22	LI.24	0	0.0000%
LI_22	LI.25	0	0.0000%
LI_22	LI.26	0	0.0000%
LI_22	LI.27	0	0.0000%
LI_22	LI.28	0	0.0000%
LI_22	LI.29	0	0.0000%
LI_22	LI.30	0	0.0000%
LI_22	LI.31	0	0.0000%
LI_22	LI.32	0	0.0000%
LI_22	LI.33	0	0.0000%
LI_22	LI.34	0	0.0000%
LI_22	LI.35	0	0.0000%
LI_22	LI.36	0	0.0000%
LI_22	LI.37	0	0.0000%
LI_22	LI.38	0	0.0000%
LI_22	LI.39	0	0.0000%
LI_22	LI.40	0	0.0000%
LI_22	LI.41	0	0.0000%
LI_22	LI.42	5	0.0029%
LI_22	LI.43	0	0.0000%
LI_22	LI.44	0	0.0000%
LI_22	LI.45	0	0.0000%
LI_22	LI.46	0	0.0000%
LI_22	LI.47	0	0.0000%

LI_22	LI_48	0	0.0000%
LI_22	LI_49	0	0.0000%
LI_22	LI_50	0	0.0000%
LI_22	LI_51	1	0.0016%
LI_22	LI_52	0	0.0000%
LI_22	LI_53	0	0.0000%
LI_22	LI_54	0	0.0000%
LI_22	LI_55	37	0.0217%
LI_22	LI_56	0	0.0000%
LI_22	LI_57	0	0.0000%
LI_22	LI_58	0	0.0000%
LI_22	LI_59	0	0.0000%
LI_22	LI_60	2	0.0012%
LI_22	LI_61	0	0.0000%
LI_22	LI_62	0	0.0000%
LI_22	LI_63	12	0.0141%
LI_22	LI_64	1	0.0006%
LI_22	LI_65	0	0.0000%
LI_22	LI_66	0	0.0000%
LI_22	LI_67	0	0.0000%
LI_22	LI_68	0	0.0000%
LI_22	LI_69	0	0.0000%
LI_22	LI_70	0	0.0000%
LI_22	LI_71	0	0.0000%
LI_22	LI_72	0	0.0000%
LI_22	LI_73	0	0.0000%
LI_22	LI_74	0	0.0000%
LI_22	LI_75	0	0.0000%
LI_22	LI_76	0	0.0000%
LI_22	LI_77	4	0.0023%
LI_22	LI_78	0	0.0000%
LI_22	LI_79	444	1.3862%
LI_22	LI_80	0	0.0000%
LI_22	LI_81	0	0.0000%
LI_22	LI_82	0	0.0000%
LI_23	LI_24	989	0.8278%
LI_23	LI_25	42	5.4194%
LI_23	LI_26	1578	1.3208%
LI_23	LI_27	14	0.1859%
LI_23	LI_28	1326	1.1099%

LI_23	LI_29	1	0.0056%
LI_23	LI_30	0	0.0000%
LI_23	LI_31	0	0.0000%
LI_23	LI_32	37	0.1780%
LI_23	LI_33	282	0.2590%
LI_23	LI_34	4	0.2009%
LI_23	LI_35	0	0.0000%
LI_23	LI_36	35	4.2892%
LI_23	LI_37	488	0.4085%
LI_23	LI_38	169	0.1415%
LI_23	LI_39	24	0.0201%
LI_23	LI_40	0	0.0000%
LI_23	LI_41	73	0.3162%
LI_23	LI_42	666	0.5575%
LI_23	LI_43	345	0.2888%
LI_23	LI_44	0	0.0000%
LI_23	LI_45	261	0.2185%
LI_23	LI_46	56	2.0611%
LI_23	LI_47	15994	35.6953%
LI_23	LI_48	1790	1.4983%
LI_23	LI_49	4	2.5806%
LI_23	LI_50	2	0.4938%
LI_23	LI_51	148	0.2415%
LI_23	LI_52	4	1.0471%
LI_23	LI_53	72	0.1166%
LI_23	LI_54	457	0.4255%
LI_23	LI_55	492	0.4118%
LI_23	LI_56	3	0.0165%
LI_23	LI_57	1996	1.6707%
LI_23	LI_58	646	0.5407%
LI_23	LI_59	2	0.7326%
LI_23	LI_60	8511	7.1240%
LI_23	LI_61	1524	1.2756%
LI_23	LI_62	0	0.0000%
LI_23	LI_63	3	0.0035%
LI_23	LI_64	801	0.6705%
LI_23	LI_65	659	0.5516%
LI_23	LI_66	1	0.0779%
LI_23	LI_67	0	0.0000%
LI_23	LI_68	51	0.0427%

LI.23	LI.69	2525	2.1135%
LI.23	LI.70	118	0.2445%
LI.23	LI.71	275	0.6890%
LI.23	LI.72	2764	2.3136%
LI.23	LI.73	114	0.4157%
LI.23	LI.74	208	0.2078%
LI.23	LI.75	845	0.7073%
LI.23	LI.76	317	0.2653%
LI.23	LI.77	2354	1.9704%
LI.23	LI.78	712	0.5960%
LI.23	LI.79	53	0.1655%
LI.23	LI.80	1397	1.1693%
LI.23	LI.81	11	0.3936%
LI.23	LI.82	161	0.5088%
LI.24	LI.25	134	17.2903%
LI.24	LI.26	622020	61.7303%
LI.24	LI.27	903	11.9936%
LI.24	LI.28	345547	34.2926%
LI.24	LI.29	77	0.4296%
LI.24	LI.30	0	0.0000%
LI.24	LI.31	1	0.0260%
LI.24	LI.32	5914	28.4573%
LI.24	LI.33	35592	32.6856%
LI.24	LI.34	474	23.8071%
LI.24	LI.35	1	0.0222%
LI.24	LI.36	121	14.8284%
LI.24	LI.37	262170	26.0182%
LI.24	LI.38	28289	20.9079%
LI.24	LI.39	528	0.0982%
LI.24	LI.40	113	17.8797%
LI.24	LI.41	12290	53.2380%
LI.24	LI.42	170359	24.7006%
LI.24	LI.43	85656	59.0870%
LI.24	LI.44	0	0.0000%
LI.24	LI.45	74473	31.4175%
LI.24	LI.46	129	4.7479%
LI.24	LI.47	3657	8.1617%
LI.24	LI.48	550628	54.6452%
LI.24	LI.49	10	6.4516%
LI.24	LI.50	111	27.4074%

LI.24	LI.51	7607	12.4113%
LI.24	LI.52	6	1.5707%
LI.24	LI.53	29555	47.8724%
LI.24	LI.54	22063	20.5400%
LI.24	LI.55	35820	3.5548%
LI.24	LI.56	2842	15.6498%
LI.24	LI.57	521503	51.7548%
LI.24	LI.58	28347	20.2786%
LI.24	LI.59	20	7.3260%
LI.24	LI.60	883819	87.7116%
LI.24	LI.61	551141	54.6961%
LI.24	LI.62	2	0.0375%
LI.24	LI.63	23	0.0270%
LI.24	LI.64	152693	28.3178%
LI.24	LI.65	265664	42.7628%
LI.24	LI.66	1019	79.4232%
LI.24	LI.67	0	0.0000%
LI.24	LI.68	42358	13.1401%
LI.24	LI.69	606579	60.1979%
LI.24	LI.70	44181	91.5346%
LI.24	LI.71	19306	48.3714%
LI.24	LI.72	825453	81.9193%
LI.24	LI.73	19798	72.1975%
LI.24	LI.74	41970	41.9327%
LI.24	LI.75	67078	21.4733%
LI.24	LI.76	92939	50.8011%
LI.24	LI.77	116642	11.5757%
LI.24	LI.78	102631	23.8500%
LI.24	LI.79	6819	21.2901%
LI.24	LI.80	334712	33.2174%
LI.24	LI.81	975	34.8837%
LI.24	LI.82	19103	60.3647%
LI.25	LI.26	300	38.7097%
LI.25	LI.27	72	9.2903%
LI.25	LI.28	302	38.9677%
LI.25	LI.29	89	11.4839%
LI.25	LI.30	0	0.0000%
LI.25	LI.31	1	0.1290%
LI.25	LI.32	138	17.8065%
LI.25	LI.33	84	10.8387%

LI.25	LI.34	25	3.2258%
LI.25	LI.35	1	0.1290%
LI.25	LI.36	32	4.1290%
LI.25	LI.37	58	7.4839%
LI.25	LI.38	160	20.6452%
LI.25	LI.39	0	0.0000%
LI.25	LI.40	0	0.0000%
LI.25	LI.41	110	14.1935%
LI.25	LI.42	267	34.4516%
LI.25	LI.43	97	12.5161%
LI.25	LI.44	0	0.0000%
LI.25	LI.45	111	14.3226%
LI.25	LI.46	165	21.2903%
LI.25	LI.47	41	5.2903%
LI.25	LI.48	237	30.5806%
LI.25	LI.49	3	1.9355%
LI.25	LI.50	11	2.7160%
LI.25	LI.51	149	19.2258%
LI.25	LI.52	0	0.0000%
LI.25	LI.53	84	10.8387%
LI.25	LI.54	386	49.8065%
LI.25	LI.55	105	13.5484%
LI.25	LI.56	19	2.4516%
LI.25	LI.57	258	33.2903%
LI.25	LI.58	102	13.1613%
LI.25	LI.59	0	0.0000%
LI.25	LI.60	513	66.1935%
LI.25	LI.61	353	45.5484%
LI.25	LI.62	1	0.1290%
LI.25	LI.63	0	0.0000%
LI.25	LI.64	471	60.7742%
LI.25	LI.65	293	37.8065%
LI.25	LI.66	28	3.6129%
LI.25	LI.67	0	0.0000%
LI.25	LI.68	21	2.7097%
LI.25	LI.69	368	47.4839%
LI.25	LI.70	96	12.3871%
LI.25	LI.71	184	23.7419%
LI.25	LI.72	269	34.7097%
LI.25	LI.73	93	12.0000%

LI_25	LI_74	168	21.6774%
LI_25	LI_75	230	29.6774%
LI_25	LI_76	215	27.7419%
LI_25	LI_77	349	45.0323%
LI_25	LI_78	147	18.9677%
LI_25	LI_79	19	2.4516%
LI_25	LI_80	367	47.3548%
LI_25	LI_81	108	13.9355%
LI_25	LI_82	176	22.7097%
LI_26	LI_27	2340	31.0798%
LI_26	LI_28	488052	40.3268%
LI_26	LI_29	2194	12.2406%
LI_26	LI_30	0	0.0000%
LI_26	LI_31	81	2.1094%
LI_26	LI_32	9689	46.6221%
LI_26	LI_33	52617	48.3204%
LI_26	LI_34	787	39.5279%
LI_26	LI_35	110	2.4401%
LI_26	LI_36	327	40.0735%
LI_26	LI_37	397166	36.0319%
LI_26	LI_38	45424	33.5721%
LI_26	LI_39	664	0.1236%
LI_26	LI_40	112	17.7215%
LI_26	LI_41	15821	68.5337%
LI_26	LI_42	217679	31.5615%
LI_26	LI_43	110033	75.9026%
LI_26	LI_44	1	0.7874%
LI_26	LI_45	116214	49.0265%
LI_26	LI_46	252	9.2749%
LI_26	LI_47	4319	9.6391%
LI_26	LI_48	853203	50.3977%
LI_26	LI_49	16	10.3226%
LI_26	LI_50	209	51.6049%
LI_26	LI_51	14962	24.4114%
LI_26	LI_52	9	2.3560%
LI_26	LI_53	39346	63.7316%
LI_26	LI_54	26193	24.3849%
LI_26	LI_55	45436	2.9949%
LI_26	LI_56	3503	19.2896%
LI_26	LI_57	732391	43.2615%

LI_26	LI_58	52972	37.8945%
LI_26	LI_59	16	5.8608%
LI_26	LI_60	1468024	86.7144%
LI_26	LI_61	820955	48.4928%
LI_26	LI_62	542	10.1574%
LI_26	LI_63	29	0.0340%
LI_26	LI_64	222787	41.3171%
LI_26	LI_65	336596	54.1804%
LI_26	LI_66	1108	86.3601%
LI_26	LI_67	0	0.0000%
LI_26	LI_68	64131	19.8945%
LI_26	LI_69	988302	58.3778%
LI_26	LI_70	46773	96.9047%
LI_26	LI_71	26402	66.1505%
LI_26	LI_72	1325640	78.3040%
LI_26	LI_73	22566	82.2916%
LI_26	LI_74	57896	57.8445%
LI_26	LI_75	96079	30.7572%
LI_26	LI_76	118543	64.7964%
LI_26	LI_77	168549	9.9560%
LI_26	LI_78	157326	36.5604%
LI_26	LI_79	9457	29.5264%
LI_26	LI_80	481034	46.5613%
LI_26	LI_81	1408	50.3757%
LI_26	LI_82	23087	72.9539%
LI_27	LI_28	4065	53.9912%
LI_27	LI_29	1762	23.4028%
LI_27	LI_30	0	0.0000%
LI_27	LI_31	13	0.3385%
LI_27	LI_32	1283	17.0408%
LI_27	LI_33	599	7.9559%
LI_27	LI_34	164	8.2371%
LI_27	LI_35	19	0.4215%
LI_27	LI_36	18	2.2059%
LI_27	LI_37	140	1.8595%
LI_27	LI_38	2783	36.9637%
LI_27	LI_39	0	0.0000%
LI_27	LI_40	10	1.5823%
LI_27	LI_41	593	7.8762%
LI_27	LI_42	5202	69.0928%

LI.27	LI.43	416	5.5253%
LI.27	LI.44	0	0.0000%
LI.27	LI.45	652	8.6598%
LI.27	LI.46	14	0.5153%
LI.27	LI.47	93	1.2352%
LI.27	LI.48	1234	16.3900%
LI.27	LI.49	1	0.6452%
LI.27	LI.50	1	0.2469%
LI.27	LI.51	1701	22.5926%
LI.27	LI.52	0	0.0000%
LI.27	LI.53	319	4.2370%
LI.27	LI.54	111	1.4743%
LI.27	LI.55	116	1.5407%
LI.27	LI.56	45	0.5977%
LI.27	LI.57	1610	21.3840%
LI.27	LI.58	49	0.6508%
LI.27	LI.59	2	0.7326%
LI.27	LI.60	2511	33.3510%
LI.27	LI.61	3123	41.4796%
LI.27	LI.62	283	5.3036%
LI.27	LI.63	0	0.0000%
LI.27	LI.64	4771	63.3683%
LI.27	LI.65	4181	55.5319%
LI.27	LI.66	67	5.2221%
LI.27	LI.67	0	0.0000%
LI.27	LI.68	32	0.4250%
LI.27	LI.69	941	12.4983%
LI.27	LI.70	137	1.8196%
LI.27	LI.71	504	6.6941%
LI.27	LI.72	2969	39.4342%
LI.27	LI.73	146	1.9392%
LI.27	LI.74	423	5.6183%
LI.27	LI.75	2794	37.1098%
LI.27	LI.76	1084	14.3977%
LI.27	LI.77	2674	35.5160%
LI.27	LI.78	1407	18.6877%
LI.27	LI.79	86	1.1422%
LI.27	LI.80	480	6.3753%
LI.27	LI.81	346	12.3792%
LI.27	LI.82	370	4.9143%

LI_28	LI_29	13426	74.9052%
LI_28	LI_30	0	0.0000%
LI_28	LI_31	2472	64.3750%
LI_28	LI_32	9838	47.3390%
LI_28	LI_33	34685	31.8527%
LI_28	LI_34	1048	52.6369%
LI_28	LI_35	2649	58.7622%
LI_28	LI_36	285	34.9265%
LI_28	LI_37	215355	19.5375%
LI_28	LI_38	36610	27.0578%
LI_28	LI_39	438	0.0815%
LI_28	LI_40	158	25.0000%
LI_28	LI_41	12507	54.1780%
LI_28	LI_42	220647	31.9919%
LI_28	LI_43	71892	49.5923%
LI_28	LI_44	2	1.5748%
LI_28	LI_45	65383	27.5828%
LI_28	LI_46	120	4.4166%
LI_28	LI_47	2911	6.4968%
LI_28	LI_48	446357	36.8816%
LI_28	LI_49	5	3.2258%
LI_28	LI_50	158	39.0123%
LI_28	LI_51	17923	29.2425%
LI_28	LI_52	18	4.7120%
LI_28	LI_53	23079	37.3828%
LI_28	LI_54	19365	18.0282%
LI_28	LI_55	26061	2.1534%
LI_28	LI_56	1808	9.9559%
LI_28	LI_57	495214	40.9186%
LI_28	LI_58	32505	23.2531%
LI_28	LI_59	25	9.1575%
LI_28	LI_60	822206	67.9373%
LI_28	LI_61	497159	41.0793%
LI_28	LI_62	2070	38.7931%
LI_28	LI_63	23	0.0270%
LI_28	LI_64	170397	31.6011%
LI_28	LI_65	254437	40.9557%
LI_28	LI_66	1144	89.1660%
LI_28	LI_67	0	0.0000%
LI_28	LI_68	30053	9.3229%

LI_28	LI.69	519027	42.8862%
LI_28	LI.70	36769	76.1783%
LI_28	LI.71	18897	47.3467%
LI_28	LI.72	753803	62.2853%
LI_28	LI.73	17981	65.5714%
LI_28	LI.74	42916	42.8778%
LI_28	LI.75	91588	29.3195%
LI_28	LI.76	80616	44.0652%
LI_28	LI.77	106681	8.8148%
LI_28	LI.78	124792	28.9999%
LI_28	LI.79	5552	17.3343%
LI_28	LI.80	268761	26.0145%
LI_28	LI.81	2099	75.0984%
LI_28	LI.82	17598	55.6089%
LI_29	LI.30	0	0.0000%
LI_29	LI.31	1465	38.1510%
LI_29	LI.32	2382	13.2894%
LI_29	LI.33	1002	5.5903%
LI_29	LI.34	217	10.8990%
LI_29	LI.35	1384	30.7010%
LI_29	LI.36	2	0.2451%
LI_29	LI.37	0	0.0000%
LI_29	LI.38	7110	39.6675%
LI_29	LI.39	0	0.0000%
LI_29	LI.40	3	0.4747%
LI_29	LI.41	1559	8.6978%
LI_29	LI.42	17503	97.6512%
LI_29	LI.43	294	1.6403%
LI_29	LI.44	0	0.0000%
LI_29	LI.45	240	1.3390%
LI_29	LI.46	0	0.0000%
LI_29	LI.47	3	0.0167%
LI_29	LI.48	249	1.3892%
LI_29	LI.49	0	0.0000%
LI_29	LI.50	0	0.0000%
LI_29	LI.51	5713	31.8735%
LI_29	LI.52	0	0.0000%
LI_29	LI.53	35	0.1953%
LI_29	LI.54	5	0.0279%
LI_29	LI.55	216	1.2051%

LI.29	LI.56	171	0.9540%
LI.29	LI.57	652	3.6376%
LI.29	LI.58	0	0.0000%
LI.29	LI.59	0	0.0000%
LI.29	LI.60	631	3.5204%
LI.29	LI.61	6500	36.2642%
LI.29	LI.62	555	10.4010%
LI.29	LI.63	1	0.0056%
LI.29	LI.64	13389	74.6987%
LI.29	LI.65	13887	77.4771%
LI.29	LI.66	83	6.4692%
LI.29	LI.67	0	0.0000%
LI.29	LI.68	11	0.0614%
LI.29	LI.69	218	1.2162%
LI.29	LI.70	105	0.5858%
LI.29	LI.71	183	1.0210%
LI.29	LI.72	1825	10.1819%
LI.29	LI.73	75	0.4184%
LI.29	LI.74	173	0.9652%
LI.29	LI.75	10843	60.4943%
LI.29	LI.76	1347	7.5151%
LI.29	LI.77	7997	44.6162%
LI.29	LI.78	163	0.9094%
LI.29	LI.79	0	0.0000%
LI.29	LI.80	117	0.6528%
LI.29	LI.81	849	30.3757%
LI.29	LI.82	322	1.7965%
LI.30	LI.31	0	0.0000%
LI.30	LI.32	0	0.0000%
LI.30	LI.33	0	0.0000%
LI.30	LI.34	0	0.0000%
LI.30	LI.35	0	0.0000%
LI.30	LI.36	0	0.0000%
LI.30	LI.37	0	0.0000%
LI.30	LI.38	0	0.0000%
LI.30	LI.39	0	0.0000%
LI.30	LI.40	0	0.0000%
LI.30	LI.41	0	0.0000%
LI.30	LI.42	0	0.0000%
LI.30	LI.43	0	0.0000%

LI.30	LI.44	0	0.0000%
LI.30	LI.45	0	0.0000%
LI.30	LI.46	0	0.0000%
LI.30	LI.47	0	0.0000%
LI.30	LI.48	0	0.0000%
LI.30	LI.49	0	0.0000%
LI.30	LI.50	0	0.0000%
LI.30	LI.51	2	0.5780%
LI.30	LI.52	0	0.0000%
LI.30	LI.53	0	0.0000%
LI.30	LI.54	0	0.0000%
LI.30	LI.55	0	0.0000%
LI.30	LI.56	0	0.0000%
LI.30	LI.57	0	0.0000%
LI.30	LI.58	0	0.0000%
LI.30	LI.59	0	0.0000%
LI.30	LI.60	0	0.0000%
LI.30	LI.61	0	0.0000%
LI.30	LI.62	0	0.0000%
LI.30	LI.63	9	2.6012%
LI.30	LI.64	1	0.2890%
LI.30	LI.65	0	0.0000%
LI.30	LI.66	0	0.0000%
LI.30	LI.67	0	0.0000%
LI.30	LI.68	0	0.0000%
LI.30	LI.69	0	0.0000%
LI.30	LI.70	0	0.0000%
LI.30	LI.71	0	0.0000%
LI.30	LI.72	2	0.5780%
LI.30	LI.73	0	0.0000%
LI.30	LI.74	1	0.2890%
LI.30	LI.75	0	0.0000%
LI.30	LI.76	0	0.0000%
LI.30	LI.77	0	0.0000%
LI.30	LI.78	0	0.0000%
LI.30	LI.79	0	0.0000%
LI.30	LI.80	0	0.0000%
LI.30	LI.81	0	0.0000%
LI.30	LI.82	0	0.0000%
LI.31	LI.32	136	3.5417%

LI.31	LI.33	1639	42.6823%
LI.31	LI.34	4	0.2009%
LI.31	LI.35	2949	76.7969%
LI.31	LI.36	1	0.1225%
LI.31	LI.37	0	0.0000%
LI.31	LI.38	1125	29.2969%
LI.31	LI.39	0	0.0000%
LI.31	LI.40	1	0.1582%
LI.31	LI.41	4	0.1042%
LI.31	LI.42	3702	96.4062%
LI.31	LI.43	15	0.3906%
LI.31	LI.44	0	0.0000%
LI.31	LI.45	87	2.2656%
LI.31	LI.46	0	0.0000%
LI.31	LI.47	0	0.0000%
LI.31	LI.48	33	0.8594%
LI.31	LI.49	0	0.0000%
LI.31	LI.50	1	0.2469%
LI.31	LI.51	1089	28.3594%
LI.31	LI.52	0	0.0000%
LI.31	LI.53	0	0.0000%
LI.31	LI.54	0	0.0000%
LI.31	LI.55	64	1.6667%
LI.31	LI.56	13	0.3385%
LI.31	LI.57	97	2.5260%
LI.31	LI.58	0	0.0000%
LI.31	LI.59	1	0.3663%
LI.31	LI.60	112	2.9167%
LI.31	LI.61	553	14.4010%
LI.31	LI.62	53	1.3802%
LI.31	LI.63	0	0.0000%
LI.31	LI.64	2533	65.9635%
LI.31	LI.65	2185	56.9010%
LI.31	LI.66	0	0.0000%
LI.31	LI.67	0	0.0000%
LI.31	LI.68	0	0.0000%
LI.31	LI.69	14	0.3646%
LI.31	LI.70	1	0.0260%
LI.31	LI.71	2	0.0521%
LI.31	LI.72	72	1.8750%

LI.31	LI.73	0	0.0000%
LI.31	LI.74	18	0.4688%
LI.31	LI.75	2233	58.1510%
LI.31	LI.76	234	6.0938%
LI.31	LI.77	1496	38.9583%
LI.31	LI.78	36	0.9375%
LI.31	LI.79	0	0.0000%
LI.31	LI.80	2	0.0521%
LI.31	LI.81	56	2.0036%
LI.31	LI.82	5	0.1302%
LI.32	LI.33	5404	26.0033%
LI.32	LI.34	163	8.1868%
LI.32	LI.35	157	3.4827%
LI.32	LI.36	92	11.2745%
LI.32	LI.37	2100	10.1049%
LI.32	LI.38	8585	41.3098%
LI.32	LI.39	2	0.0096%
LI.32	LI.40	13	2.0570%
LI.32	LI.41	2683	12.9102%
LI.32	LI.42	15165	72.9718%
LI.32	LI.43	3780	18.1888%
LI.32	LI.44	0	0.0000%
LI.32	LI.45	3517	16.9233%
LI.32	LI.46	24	0.8833%
LI.32	LI.47	479	2.3049%
LI.32	LI.48	7879	37.9126%
LI.32	LI.49	1	0.6452%
LI.32	LI.50	59	14.5679%
LI.32	LI.51	4303	20.7054%
LI.32	LI.52	2	0.5236%
LI.32	LI.53	3064	14.7435%
LI.32	LI.54	983	4.7301%
LI.32	LI.55	858	4.1286%
LI.32	LI.56	16	0.0881%
LI.32	LI.57	9073	43.6580%
LI.32	LI.58	1624	7.8145%
LI.32	LI.59	1	0.3663%
LI.32	LI.60	11500	55.3363%
LI.32	LI.61	9901	47.6422%
LI.32	LI.62	423	7.9273%

LI.32	LI.63	0	0.0000%
LI.32	LI.64	14495	69.7479%
LI.32	LI.65	12286	59.1185%
LI.32	LI.66	268	20.8885%
LI.32	LI.67	0	0.0000%
LI.32	LI.68	265	1.2751%
LI.32	LI.69	5539	26.6529%
LI.32	LI.70	1824	8.7768%
LI.32	LI.71	2876	13.8389%
LI.32	LI.72	10217	49.1627%
LI.32	LI.73	1344	6.4671%
LI.32	LI.74	4062	19.5458%
LI.32	LI.75	7812	37.5902%
LI.32	LI.76	5263	25.3248%
LI.32	LI.77	6323	30.4254%
LI.32	LI.78	7680	36.9551%
LI.32	LI.79	980	4.7156%
LI.32	LI.80	4957	23.8524%
LI.32	LI.81	606	21.6816%
LI.32	LI.82	1715	8.2523%
LI.33	LI.34	144	7.2325%
LI.33	LI.35	1577	34.9823%
LI.33	LI.36	117	14.3382%
LI.33	LI.37	16825	15.4511%
LI.33	LI.38	26138	24.0036%
LI.33	LI.39	16	0.0147%
LI.33	LI.40	17	2.6899%
LI.33	LI.41	5569	24.1239%
LI.33	LI.42	45002	41.3272%
LI.33	LI.43	16893	15.5135%
LI.33	LI.44	4	3.1496%
LI.33	LI.45	21300	19.5607%
LI.33	LI.46	68	2.5028%
LI.33	LI.47	1599	3.5686%
LI.33	LI.48	55302	50.7861%
LI.33	LI.49	5	3.2258%
LI.33	LI.50	71	17.5309%
LI.33	LI.51	10568	17.2423%
LI.33	LI.52	3	0.7853%
LI.33	LI.53	12514	20.2699%

LI.33	LI.54	3994	3.7183%
LI.33	LI.55	2407	2.2104%
LI.33	LI.56	57	0.3139%
LI.33	LI.57	54674	50.2094%
LI.33	LI.58	8850	8.1273%
LI.33	LI.59	15	5.4945%
LI.33	LI.60	90772	83.3597%
LI.33	LI.61	49206	45.1879%
LI.33	LI.62	71	1.3306%
LI.33	LI.63	3	0.0035%
LI.33	LI.64	48090	44.1630%
LI.33	LI.65	34120	31.3338%
LI.33	LI.66	661	51.5199%
LI.33	LI.67	0	0.0000%
LI.33	LI.68	2071	1.9019%
LI.33	LI.69	46413	42.6230%
LI.33	LI.70	8002	16.5786%
LI.33	LI.71	6698	16.7819%
LI.33	LI.72	63372	58.1971%
LI.33	LI.73	5128	18.7003%
LI.33	LI.74	14288	14.2753%
LI.33	LI.75	24659	22.6454%
LI.33	LI.76	19665	18.0592%
LI.33	LI.77	14466	13.2847%
LI.33	LI.78	46919	43.0876%
LI.33	LI.79	3354	10.4718%
LI.33	LI.80	31819	29.2207%
LI.33	LI.81	620	22.1825%
LI.33	LI.82	4646	14.6812%
LI.34	LI.35	3	0.1507%
LI.34	LI.36	23	2.8186%
LI.34	LI.37	166	8.3375%
LI.34	LI.38	281	14.1135%
LI.34	LI.39	0	0.0000%
LI.34	LI.40	1	0.1582%
LI.34	LI.41	336	16.8759%
LI.34	LI.42	1079	54.1939%
LI.34	LI.43	182	9.1411%
LI.34	LI.44	0	0.0000%
LI.34	LI.45	209	10.4972%

LI.34	LI.46	2	0.1005%
LI.34	LI.47	17	0.8538%
LI.34	LI.48	508	25.5148%
LI.34	LI.49	0	0.0000%
LI.34	LI.50	2	0.4938%
LI.34	LI.51	245	12.3054%
LI.34	LI.52	0	0.0000%
LI.34	LI.53	75	3.7670%
LI.34	LI.54	73	3.6665%
LI.34	LI.55	138	6.9312%
LI.34	LI.56	6	0.3014%
LI.34	LI.57	681	34.2039%
LI.34	LI.58	70	3.5158%
LI.34	LI.59	1	0.3663%
LI.34	LI.60	635	31.8935%
LI.34	LI.61	1115	56.0020%
LI.34	LI.62	11	0.5525%
LI.34	LI.63	0	0.0000%
LI.34	LI.64	1232	61.8785%
LI.34	LI.65	1046	52.5364%
LI.34	LI.66	29	2.2603%
LI.34	LI.67	0	0.0000%
LI.34	LI.68	32	1.6072%
LI.34	LI.69	560	28.1266%
LI.34	LI.70	72	3.6163%
LI.34	LI.71	542	27.2225%
LI.34	LI.72	1079	54.1939%
LI.34	LI.73	135	6.7805%
LI.34	LI.74	263	13.2094%
LI.34	LI.75	256	12.8579%
LI.34	LI.76	629	31.5922%
LI.34	LI.77	954	47.9156%
LI.34	LI.78	207	10.3968%
LI.34	LI.79	18	0.9041%
LI.34	LI.80	328	16.4741%
LI.34	LI.81	110	5.5249%
LI.34	LI.82	384	19.2868%
LI.35	LI.36	1	0.1225%
LI.35	LI.37	0	0.0000%
LI.35	LI.38	1123	24.9113%

LI.35	LI.39	0	0.0000%
LI.35	LI.40	2	0.3165%
LI.35	LI.41	7	0.1553%
LI.35	LI.42	4302	95.4303%
LI.35	LI.43	14	0.3106%
LI.35	LI.44	0	0.0000%
LI.35	LI.45	92	2.0408%
LI.35	LI.46	0	0.0000%
LI.35	LI.47	0	0.0000%
LI.35	LI.48	32	0.7098%
LI.35	LI.49	0	0.0000%
LI.35	LI.50	1	0.2469%
LI.35	LI.51	1143	25.3549%
LI.35	LI.52	0	0.0000%
LI.35	LI.53	0	0.0000%
LI.35	LI.54	0	0.0000%
LI.35	LI.55	63	1.3975%
LI.35	LI.56	13	0.2884%
LI.35	LI.57	101	2.2405%
LI.35	LI.58	0	0.0000%
LI.35	LI.59	1	0.3663%
LI.35	LI.60	115	2.5510%
LI.35	LI.61	641	14.2192%
LI.35	LI.62	80	1.7746%
LI.35	LI.63	0	0.0000%
LI.35	LI.64	2626	58.2520%
LI.35	LI.65	2671	59.2502%
LI.35	LI.66	0	0.0000%
LI.35	LI.67	0	0.0000%
LI.35	LI.68	0	0.0000%
LI.35	LI.69	14	0.3106%
LI.35	LI.70	1	0.0222%
LI.35	LI.71	4	0.0887%
LI.35	LI.72	131	2.9059%
LI.35	LI.73	0	0.0000%
LI.35	LI.74	23	0.5102%
LI.35	LI.75	2324	51.5528%
LI.35	LI.76	265	5.8784%
LI.35	LI.77	1649	36.5794%
LI.35	LI.78	36	0.7986%

LI.35	LI.79	0	0.0000%
LI.35	LI.80	1	0.0222%
LI.35	LI.81	57	2.0394%
LI.35	LI.82	6	0.1331%
LI.36	LI.37	110	13.4804%
LI.36	LI.38	79	9.6814%
LI.36	LI.39	0	0.0000%
LI.36	LI.40	1	0.1582%
LI.36	LI.41	74	9.0686%
LI.36	LI.42	255	31.2500%
LI.36	LI.43	84	10.2941%
LI.36	LI.44	0	0.0000%
LI.36	LI.45	178	21.8137%
LI.36	LI.46	43	5.2696%
LI.36	LI.47	68	8.3333%
LI.36	LI.48	347	42.5245%
LI.36	LI.49	0	0.0000%
LI.36	LI.50	7	1.7284%
LI.36	LI.51	118	14.4608%
LI.36	LI.52	0	0.0000%
LI.36	LI.53	109	13.3578%
LI.36	LI.54	225	27.5735%
LI.36	LI.55	87	10.6618%
LI.36	LI.56	2	0.2451%
LI.36	LI.57	302	37.0098%
LI.36	LI.58	132	16.1765%
LI.36	LI.59	1	0.3663%
LI.36	LI.60	510	62.5000%
LI.36	LI.61	326	39.9510%
LI.36	LI.62	1	0.1225%
LI.36	LI.63	0	0.0000%
LI.36	LI.64	430	52.6961%
LI.36	LI.65	275	33.7010%
LI.36	LI.66	0	0.0000%
LI.36	LI.67	0	0.0000%
LI.36	LI.68	24	2.9412%
LI.36	LI.69	410	50.2451%
LI.36	LI.70	66	8.0882%
LI.36	LI.71	321	39.3382%
LI.36	LI.72	335	41.0539%

LI.36	LI.73	42	5.1471%
LI.36	LI.74	240	29.4118%
LI.36	LI.75	171	20.9559%
LI.36	LI.76	276	33.8235%
LI.36	LI.77	276	33.8235%
LI.36	LI.78	125	15.3186%
LI.36	LI.79	34	4.1667%
LI.36	LI.80	352	43.1373%
LI.36	LI.81	44	5.3922%
LI.36	LI.82	140	17.1569%
LI.37	LI.38	12819	9.4743%
LI.37	LI.39	770	0.1433%
LI.37	LI.40	0	0.0000%
LI.37	LI.41	5484	23.7557%
LI.37	LI.42	76816	11.1376%
LI.37	LI.43	40242	27.7596%
LI.37	LI.44	0	0.0000%
LI.37	LI.45	47293	19.9512%
LI.37	LI.46	39	1.4354%
LI.37	LI.47	432	0.9641%
LI.37	LI.48	458089	41.5590%
LI.37	LI.49	5	3.2258%
LI.37	LI.50	36	8.8889%
LI.37	LI.51	2053	3.3496%
LI.37	LI.52	0	0.0000%
LI.37	LI.53	13945	22.5878%
LI.37	LI.54	10070	9.3749%
LI.37	LI.55	16576	1.5038%
LI.37	LI.56	2115	11.6465%
LI.37	LI.57	340297	30.8726%
LI.37	LI.58	11845	8.4735%
LI.37	LI.59	1	0.3663%
LI.37	LI.60	847639	76.8999%
LI.37	LI.61	407443	36.9642%
LI.37	LI.62	0	0.0000%
LI.37	LI.63	18	0.0211%
LI.37	LI.64	81362	15.0890%
LI.37	LI.65	143213	23.0524%
LI.37	LI.66	513	39.9844%
LI.37	LI.67	0	0.0000%

LI.37	LI.68	38887	12.0634%
LI.37	LI.69	504534	45.7726%
LI.37	LI.70	17855	36.9921%
LI.37	LI.71	9182	23.0056%
LI.37	LI.72	736838	66.8477%
LI.37	LI.73	7931	28.9220%
LI.37	LI.74	25572	25.5493%
LI.37	LI.75	30068	9.6255%
LI.37	LI.76	44256	24.1906%
LI.37	LI.77	86450	7.8430%
LI.37	LI.78	54345	12.6290%
LI.37	LI.79	3641	11.3678%
LI.37	LI.80	253317	24.5196%
LI.37	LI.81	359	12.8444%
LI.37	LI.82	8634	27.2831%
LI.38	LI.39	13	0.0096%
LI.38	LI.40	21	3.3228%
LI.38	LI.41	5419	23.4741%
LI.38	LI.42	65681	48.5436%
LI.38	LI.43	13437	9.9310%
LI.38	LI.44	0	0.0000%
LI.38	LI.45	23357	17.2627%
LI.38	LI.46	51	1.8771%
LI.38	LI.47	3253	7.2600%
LI.38	LI.48	50506	37.3281%
LI.38	LI.49	1	0.6452%
LI.38	LI.50	57	14.0741%
LI.38	LI.51	18355	29.9473%
LI.38	LI.52	3	0.7853%
LI.38	LI.53	15127	24.5023%
LI.38	LI.54	2534	2.3591%
LI.38	LI.55	2864	2.1167%
LI.38	LI.56	200	1.1013%
LI.38	LI.57	52068	38.4825%
LI.38	LI.58	3752	2.7730%
LI.38	LI.59	9	3.2967%
LI.38	LI.60	99194	73.3125%
LI.38	LI.61	54409	40.2127%
LI.38	LI.62	644	12.0690%
LI.38	LI.63	3	0.0035%

LI.38	LI.64	71386	52.7601%
LI.38	LI.65	41551	30.7096%
LI.38	LI.66	405	31.5666%
LI.38	LI.67	0	0.0000%
LI.38	LI.68	1741	1.2867%
LI.38	LI.69	35196	26.0127%
LI.38	LI.70	4990	10.3383%
LI.38	LI.71	6593	16.5188%
LI.38	LI.72	61843	45.7070%
LI.38	LI.73	3409	12.4316%
LI.38	LI.74	14547	14.5341%
LI.38	LI.75	34754	25.6861%
LI.38	LI.76	18959	14.0123%
LI.38	LI.77	21907	16.1911%
LI.38	LI.78	59546	44.0094%
LI.38	LI.79	3401	10.6185%
LI.38	LI.80	24453	18.0728%
LI.38	LI.81	1374	49.1592%
LI.38	LI.82	3511	11.0946%
LI.39	LI.40	0	0.0000%
LI.39	LI.41	3	0.0130%
LI.39	LI.42	85	0.0158%
LI.39	LI.43	25	0.0172%
LI.39	LI.44	0	0.0000%
LI.39	LI.45	52	0.0219%
LI.39	LI.46	1	0.0368%
LI.39	LI.47	7	0.0156%
LI.39	LI.48	1443	0.2685%
LI.39	LI.49	0	0.0000%
LI.39	LI.50	0	0.0000%
LI.39	LI.51	4	0.0065%
LI.39	LI.52	0	0.0000%
LI.39	LI.53	13	0.0211%
LI.39	LI.54	52	0.0484%
LI.39	LI.55	308	0.0573%
LI.39	LI.56	18	0.0991%
LI.39	LI.57	996	0.1853%
LI.39	LI.58	35	0.0250%
LI.39	LI.59	0	0.0000%
LI.39	LI.60	4591	0.8543%

LI.39	LI.61	693	0.1290%
LI.39	LI.62	0	0.0000%
LI.39	LI.63	53	0.0622%
LI.39	LI.64	128	0.0238%
LI.39	LI.65	309	0.0575%
LI.39	LI.66	0	0.0000%
LI.39	LI.67	1	0.1007%
LI.39	LI.68	190	0.0589%
LI.39	LI.69	1641	0.3054%
LI.39	LI.70	10	0.0207%
LI.39	LI.71	46	0.1153%
LI.39	LI.72	3765	0.7006%
LI.39	LI.73	5	0.0182%
LI.39	LI.74	19	0.0190%
LI.39	LI.75	72	0.0230%
LI.39	LI.76	48	0.0262%
LI.39	LI.77	3302	0.6144%
LI.39	LI.78	56	0.0130%
LI.39	LI.79	1942	6.0633%
LI.39	LI.80	436	0.0811%
LI.39	LI.81	0	0.0000%
LI.39	LI.82	13	0.0411%
LI.40	LI.41	22	3.4810%
LI.40	LI.42	414	65.5063%
LI.40	LI.43	23	3.6392%
LI.40	LI.44	0	0.0000%
LI.40	LI.45	14	2.2152%
LI.40	LI.46	0	0.0000%
LI.40	LI.47	1	0.1582%
LI.40	LI.48	21	3.3228%
LI.40	LI.49	0	0.0000%
LI.40	LI.50	1	0.2469%
LI.40	LI.51	14	2.2152%
LI.40	LI.52	0	0.0000%
LI.40	LI.53	6	0.9494%
LI.40	LI.54	1	0.1582%
LI.40	LI.55	2	0.3165%
LI.40	LI.56	1	0.1582%
LI.40	LI.57	421	66.6139%
LI.40	LI.58	0	0.0000%

LI_40	LI_59	1	0.3663%
LI_40	LI_60	193	30.5380%
LI_40	LI_61	291	46.0443%
LI_40	LI_62	1	0.1582%
LI_40	LI_63	0	0.0000%
LI_40	LI_64	206	32.5949%
LI_40	LI_65	544	86.0759%
LI_40	LI_66	1	0.1582%
LI_40	LI_67	0	0.0000%
LI_40	LI_68	1	0.1582%
LI_40	LI_69	18	2.8481%
LI_40	LI_70	2	0.3165%
LI_40	LI_71	12	1.8987%
LI_40	LI_72	436	68.9873%
LI_40	LI_73	1	0.1582%
LI_40	LI_74	12	1.8987%
LI_40	LI_75	16	2.5316%
LI_40	LI_76	57	9.0190%
LI_40	LI_77	28	4.4304%
LI_40	LI_78	110	17.4051%
LI_40	LI_79	3	0.4747%
LI_40	LI_80	10	1.5823%
LI_40	LI_81	6	0.9494%
LI_40	LI_82	11	1.7405%
LI_41	LI_42	13230	57.3099%
LI_41	LI_43	8659	37.5092%
LI_41	LI_44	0	0.0000%
LI_41	LI_45	4014	17.3879%
LI_41	LI_46	55	2.0243%
LI_41	LI_47	110	0.4765%
LI_41	LI_48	14533	62.9543%
LI_41	LI_49	2	1.2903%
LI_41	LI_50	50	12.3457%
LI_41	LI_51	2369	10.2621%
LI_41	LI_52	0	0.0000%
LI_41	LI_53	3020	13.0821%
LI_41	LI_54	2329	10.0888%
LI_41	LI_55	1022	4.4271%
LI_41	LI_56	25	0.1377%
LI_41	LI_57	15342	66.4587%

LI_41	LI_58	4953	21.4555%
LI_41	LI_59	3	1.0989%
LI_41	LI_60	16574	71.7955%
LI_41	LI_61	17136	74.2300%
LI_41	LI_62	12	0.2249%
LI_41	LI_63	0	0.0000%
LI_41	LI_64	13711	59.3935%
LI_41	LI_65	16715	72.4063%
LI_41	LI_66	503	39.2050%
LI_41	LI_67	0	0.0000%
LI_41	LI_68	702	3.0409%
LI_41	LI_69	15173	65.7267%
LI_41	LI_70	4955	21.4642%
LI_41	LI_71	4016	17.3966%
LI_41	LI_72	18043	78.1590%
LI_41	LI_73	2583	11.1891%
LI_41	LI_74	4859	21.0483%
LI_41	LI_75	5486	23.7643%
LI_41	LI_76	8653	37.4832%
LI_41	LI_77	6290	27.2471%
LI_41	LI_78	5957	25.8046%
LI_41	LI_79	933	4.0416%
LI_41	LI_80	11797	51.1024%
LI_41	LI_81	686	24.5438%
LI_41	LI_82	3346	14.4943%
LI_42	LI_43	48573	33.5065%
LI_42	LI_44	2	1.5748%
LI_42	LI_45	52189	22.0167%
LI_42	LI_46	116	4.2694%
LI_42	LI_47	3733	8.3313%
LI_42	LI_48	198491	28.7794%
LI_42	LI_49	7	4.5161%
LI_42	LI_50	138	34.0741%
LI_42	LI_51	29766	48.5650%
LI_42	LI_52	10	2.6178%
LI_42	LI_53	30598	49.5619%
LI_42	LI_54	11036	10.2742%
LI_42	LI_55	17062	2.4738%
LI_42	LI_56	991	5.4570%
LI_42	LI_57	231425	33.5546%

LI_42	LI_58	15421	11.0317%
LI_42	LI_59	23	8.4249%
LI_42	LI_60	336687	48.8167%
LI_42	LI_61	233004	33.7835%
LI_42	LI_62	3823	71.6454%
LI_42	LI_63	19	0.0223%
LI_42	LI_64	176308	32.6973%
LI_42	LI_65	206914	33.3061%
LI_42	LI_66	964	75.1364%
LI_42	LI_67	0	0.0000%
LI_42	LI_68	13235	4.1057%
LI_42	LI_69	193812	28.1010%
LI_42	LI_70	28953	59.9851%
LI_42	LI_71	14280	35.7787%
LI_42	LI_72	304433	44.1401%
LI_42	LI_73	12390	45.1827%
LI_42	LI_74	32876	32.8468%
LI_42	LI_75	99773	31.9397%
LI_42	LI_76	59319	32.4241%
LI_42	LI_77	75189	10.9017%
LI_42	LI_78	105690	24.5609%
LI_42	LI_79	6116	19.0952%
LI_42	LI_80	123729	17.9396%
LI_42	LI_81	2168	77.5671%
LI_42	LI_82	12164	38.4377%
LI_43	LI_44	1	0.7874%
LI_43	LI_45	23112	15.9430%
LI_43	LI_46	76	2.7972%
LI_43	LI_47	2078	4.6377%
LI_43	LI_48	106554	73.5028%
LI_43	LI_49	4	2.5806%
LI_43	LI_50	86	21.2346%
LI_43	LI_51	3967	6.4724%
LI_43	LI_52	1	0.2618%
LI_43	LI_53	11048	17.8953%
LI_43	LI_54	8185	7.6200%
LI_43	LI_55	7691	5.3054%
LI_43	LI_56	207	1.1399%
LI_43	LI_57	103579	71.4505%
LI_43	LI_58	14712	10.5245%

LI_43	LI_59	7	2.5641%
LI_43	LI_60	130929	90.3170%
LI_43	LI_61	102037	70.3868%
LI_43	LI_62	49	0.9183%
LI_43	LI_63	5	0.0059%
LI_43	LI_64	53680	37.0294%
LI_43	LI_65	67219	46.3688%
LI_43	LI_66	756	58.9244%
LI_43	LI_67	0	0.0000%
LI_43	LI_68	6536	4.5086%
LI_43	LI_69	117535	81.0776%
LI_43	LI_70	18888	39.1323%
LI_43	LI_71	9776	24.4939%
LI_43	LI_72	124204	85.6780%
LI_43	LI_73	9498	34.6364%
LI_43	LI_74	18368	18.3517%
LI_43	LI_75	23734	16.3721%
LI_43	LI_76	38083	26.2703%
LI_43	LI_77	27816	19.1879%
LI_43	LI_78	39995	27.5892%
LI_43	LI_79	3048	9.5164%
LI_43	LI_80	76091	52.4889%
LI_43	LI_81	667	23.8640%
LI_43	LI_82	10562	33.3755%
LI_44	LI_45	0	0.0000%
LI_44	LI_46	0	0.0000%
LI_44	LI_47	5	3.9370%
LI_44	LI_48	0	0.0000%
LI_44	LI_49	0	0.0000%
LI_44	LI_50	0	0.0000%
LI_44	LI_51	0	0.0000%
LI_44	LI_52	0	0.0000%
LI_44	LI_53	0	0.0000%
LI_44	LI_54	0	0.0000%
LI_44	LI_55	0	0.0000%
LI_44	LI_56	0	0.0000%
LI_44	LI_57	2	1.5748%
LI_44	LI_58	0	0.0000%
LI_44	LI_59	0	0.0000%
LI_44	LI_60	38	29.9213%

LI_44	LI.61	1	0.7874%
LI_44	LI.62	0	0.0000%
LI_44	LI.63	0	0.0000%
LI_44	LI.64	1	0.7874%
LI_44	LI.65	1	0.7874%
LI_44	LI.66	0	0.0000%
LI_44	LI.67	0	0.0000%
LI_44	LI.68	0	0.0000%
LI_44	LI.69	4	3.1496%
LI_44	LI.70	0	0.0000%
LI_44	LI.71	1	0.7874%
LI_44	LI.72	1	0.7874%
LI_44	LI.73	0	0.0000%
LI_44	LI.74	0	0.0000%
LI_44	LI.75	0	0.0000%
LI_44	LI.76	1	0.7874%
LI_44	LI.77	5	3.9370%
LI_44	LI.78	7	5.5118%
LI_44	LI.79	0	0.0000%
LI_44	LI.80	6	4.7244%
LI_44	LI.81	1	0.7874%
LI_44	LI.82	1	0.7874%
LI_45	LI.46	37	1.3618%
LI_45	LI.47	1690	3.7717%
LI_45	LI.48	129181	54.4969%
LI_45	LI.49	1	0.6452%
LI_45	LI.50	81	20.0000%
LI_45	LI.51	6839	11.1582%
LI_45	LI.52	5	1.3089%
LI_45	LI.53	11494	18.6177%
LI_45	LI.54	3899	3.6298%
LI_45	LI.55	4653	1.9629%
LI_45	LI.56	217	1.1949%
LI_45	LI.57	112474	47.4488%
LI_45	LI.58	9857	7.0514%
LI_45	LI.59	12	4.3956%
LI_45	LI.60	200438	84.5577%
LI_45	LI.61	106610	44.9750%
LI_45	LI.62	162	3.0360%
LI_45	LI.63	1	0.0012%

LI_45	LI_64	59305	25.0187%
LI_45	LI_65	57945	24.4449%
LI_45	LI_66	295	22.9930%
LI_45	LI_67	0	0.0000%
LI_45	LI_68	6608	2.7877%
LI_45	LI_69	130239	54.9432%
LI_45	LI_70	7673	15.8970%
LI_45	LI_71	7175	17.9770%
LI_45	LI_72	160143	67.5586%
LI_45	LI_73	5080	18.5253%
LI_45	LI_74	15657	15.6431%
LI_45	LI_75	27440	11.5760%
LI_45	LI_76	27147	14.8387%
LI_45	LI_77	23442	9.8893%
LI_45	LI_78	54580	23.0254%
LI_45	LI_79	3526	11.0088%
LI_45	LI_80	73330	30.9353%
LI_45	LI_81	537	19.2129%
LI_45	LI_82	5151	16.2769%
LI_46	LI_47	69	2.5396%
LI_46	LI_48	172	6.3305%
LI_46	LI_49	7	4.5161%
LI_46	LI_50	0	0.0000%
LI_46	LI_51	44	1.6194%
LI_46	LI_52	0	0.0000%
LI_46	LI_53	49	1.8035%
LI_46	LI_54	1394	51.3066%
LI_46	LI_55	29	1.0674%
LI_46	LI_56	0	0.0000%
LI_46	LI_57	156	5.7416%
LI_46	LI_58	60	2.2083%
LI_46	LI_59	0	0.0000%
LI_46	LI_60	842	30.9901%
LI_46	LI_61	241	8.8701%
LI_46	LI_62	0	0.0000%
LI_46	LI_63	0	0.0000%
LI_46	LI_64	566	20.8318%
LI_46	LI_65	119	4.3798%
LI_46	LI_66	2	0.1559%
LI_46	LI_67	0	0.0000%

LI_46	LI_68	12	0.4417%
LI_46	LI_69	462	17.0040%
LI_46	LI_70	75	2.7604%
LI_46	LI_71	97	3.5701%
LI_46	LI_72	150	5.5208%
LI_46	LI_73	48	1.7667%
LI_46	LI_74	68	2.5028%
LI_46	LI_75	153	5.6312%
LI_46	LI_76	92	3.3861%
LI_46	LI_77	333	12.2562%
LI_46	LI_78	265	9.7534%
LI_46	LI_79	17	0.6257%
LI_46	LI_80	564	20.7582%
LI_46	LI_81	13	0.4785%
LI_46	LI_82	62	2.2819%
LI_47	LI_48	4826	10.7706%
LI_47	LI_49	6	3.8710%
LI_47	LI_50	2	0.4938%
LI_47	LI_51	743	1.6582%
LI_47	LI_52	13	3.4031%
LI_47	LI_53	575	1.2833%
LI_47	LI_54	455	1.0155%
LI_47	LI_55	191	0.4263%
LI_47	LI_56	4	0.0220%
LI_47	LI_57	4253	9.4918%
LI_47	LI_58	494	1.1025%
LI_47	LI_59	4	1.4652%
LI_47	LI_60	15798	35.2579%
LI_47	LI_61	4830	10.7796%
LI_47	LI_62	0	0.0000%
LI_47	LI_63	1	0.0022%
LI_47	LI_64	4254	9.4941%
LI_47	LI_65	3617	8.0724%
LI_47	LI_66	4	0.3118%
LI_47	LI_67	0	0.0000%
LI_47	LI_68	285	0.6361%
LI_47	LI_69	4160	9.2843%
LI_47	LI_70	133	0.2968%
LI_47	LI_71	1412	3.5378%
LI_47	LI_72	4521	10.0899%

LI_47	LI_73	381	1.3894%
LI_47	LI_74	952	2.1247%
LI_47	LI_75	2804	6.2580%
LI_47	LI_76	2513	5.6085%
LI_47	LI_77	2804	6.2580%
LI_47	LI_78	5182	11.5652%
LI_47	LI_79	467	1.4581%
LI_47	LI_80	2979	6.6485%
LI_47	LI_81	29	1.0376%
LI_47	LI_82	233	0.7363%
LI_48	LI_49	29	18.7097%
LI_48	LI_50	212	52.3457%
LI_48	LI_51	13042	21.2788%
LI_48	LI_52	5	1.3089%
LI_48	LI_53	35518	57.5311%
LI_48	LI_54	26781	24.9323%
LI_48	LI_55	49699	3.2759%
LI_48	LI_56	5043	27.7698%
LI_48	LI_57	755377	36.6856%
LI_48	LI_58	43426	31.0656%
LI_48	LI_59	15	5.4945%
LI_48	LI_60	1907397	72.9726%
LI_48	LI_61	841833	32.2066%
LI_48	LI_62	348	6.5217%
LI_48	LI_63	53	0.0622%
LI_48	LI_64	223545	41.4576%
LI_48	LI_65	318563	51.2777%
LI_48	LI_66	982	76.5394%
LI_48	LI_67	0	0.0000%
LI_48	LI_68	82082	25.4632%
LI_48	LI_69	1176111	44.9953%
LI_48	LI_70	44202	91.5781%
LI_48	LI_71	26586	66.6115%
LI_48	LI_72	1607038	61.4816%
LI_48	LI_73	21942	80.0160%
LI_48	LI_74	59119	59.0664%
LI_48	LI_75	102487	32.8085%
LI_48	LI_76	110565	60.4355%
LI_48	LI_77	218151	8.3460%
LI_48	LI_78	192745	44.7913%

LI_48	LI_79	10644	33.2324%
LI_48	LI_80	522252	50.5510%
LI_48	LI_81	1187	42.4687%
LI_48	LI_82	21993	69.4969%
LI_49	LI_50	0	0.0000%
LI_49	LI_51	2	1.2903%
LI_49	LI_52	0	0.0000%
LI_49	LI_53	1	0.6452%
LI_49	LI_54	54	34.8387%
LI_49	LI_55	2	1.2903%
LI_49	LI_56	0	0.0000%
LI_49	LI_57	12	7.7419%
LI_49	LI_58	2	1.2903%
LI_49	LI_59	0	0.0000%
LI_49	LI_60	81	52.2581%
LI_49	LI_61	16	10.3226%
LI_49	LI_62	0	0.0000%
LI_49	LI_63	0	0.0000%
LI_49	LI_64	59	38.0645%
LI_49	LI_65	10	6.4516%
LI_49	LI_66	0	0.0000%
LI_49	LI_67	0	0.0000%
LI_49	LI_68	0	0.0000%
LI_49	LI_69	65	41.9355%
LI_49	LI_70	6	3.8710%
LI_49	LI_71	9	5.8065%
LI_49	LI_72	16	10.3226%
LI_49	LI_73	0	0.0000%
LI_49	LI_74	3	1.9355%
LI_49	LI_75	8	5.1613%
LI_49	LI_76	3	1.9355%
LI_49	LI_77	27	17.4194%
LI_49	LI_78	11	7.0968%
LI_49	LI_79	0	0.0000%
LI_49	LI_80	61	39.3548%
LI_49	LI_81	0	0.0000%
LI_49	LI_82	2	1.2903%
LI_50	LI_51	34	8.3951%
LI_50	LI_52	0	0.0000%
LI_50	LI_53	38	9.3827%

LI.50	LI.54	13	3.2099%
LI.50	LI.55	39	9.6296%
LI.50	LI.56	1	0.2469%
LI.50	LI.57	235	58.0247%
LI.50	LI.58	59	14.5679%
LI.50	LI.59	1	0.3663%
LI.50	LI.60	261	64.4444%
LI.50	LI.61	196	48.3951%
LI.50	LI.62	1	0.2469%
LI.50	LI.63	0	0.0000%
LI.50	LI.64	196	48.3951%
LI.50	LI.65	161	39.7531%
LI.50	LI.66	11	2.7160%
LI.50	LI.67	0	0.0000%
LI.50	LI.68	20	4.9383%
LI.50	LI.69	247	60.9877%
LI.50	LI.70	44	10.8642%
LI.50	LI.71	166	40.9877%
LI.50	LI.72	247	60.9877%
LI.50	LI.73	30	7.4074%
LI.50	LI.74	80	19.7531%
LI.50	LI.75	63	15.5556%
LI.50	LI.76	153	37.7778%
LI.50	LI.77	119	29.3827%
LI.50	LI.78	65	16.0494%
LI.50	LI.79	15	3.7037%
LI.50	LI.80	178	43.9506%
LI.50	LI.81	24	5.9259%
LI.50	LI.82	73	18.0247%
LI.51	LI.52	5	1.3089%
LI.51	LI.53	4791	7.8168%
LI.51	LI.54	1018	1.6609%
LI.51	LI.55	955	1.5581%
LI.51	LI.56	169	0.9306%
LI.51	LI.57	15410	25.1424%
LI.51	LI.58	1081	1.7637%
LI.51	LI.59	229	83.8828%
LI.51	LI.60	25869	42.2068%
LI.51	LI.61	15617	25.4801%
LI.51	LI.62	445	8.3396%

LI.51	LI.63	11	0.0179%
LI.51	LI.64	28734	46.8813%
LI.51	LI.65	17604	28.7220%
LI.51	LI.66	183	14.2634%
LI.51	LI.67	1	0.1007%
LI.51	LI.68	466	0.7603%
LI.51	LI.69	6628	10.8140%
LI.51	LI.70	1554	3.2196%
LI.51	LI.71	2922	7.3211%
LI.51	LI.72	17683	28.8509%
LI.51	LI.73	1031	3.7598%
LI.51	LI.74	5178	8.4482%
LI.51	LI.75	15087	24.6154%
LI.51	LI.76	6507	10.6166%
LI.51	LI.77	12208	19.9181%
LI.51	LI.78	16767	27.3564%
LI.51	LI.79	953	2.9754%
LI.51	LI.80	4875	7.9539%
LI.51	LI.81	1113	39.8211%
LI.51	LI.82	1621	5.1223%
LI.52	LI.53	0	0.0000%
LI.52	LI.54	2	0.5236%
LI.52	LI.55	2	0.5236%
LI.52	LI.56	0	0.0000%
LI.52	LI.57	20	5.2356%
LI.52	LI.58	0	0.0000%
LI.52	LI.59	0	0.0000%
LI.52	LI.60	165	43.1937%
LI.52	LI.61	11	2.8796%
LI.52	LI.62	0	0.0000%
LI.52	LI.63	0	0.0000%
LI.52	LI.64	7	1.8325%
LI.52	LI.65	7	1.8325%
LI.52	LI.66	0	0.0000%
LI.52	LI.67	0	0.0000%
LI.52	LI.68	0	0.0000%
LI.52	LI.69	7	1.8325%
LI.52	LI.70	0	0.0000%
LI.52	LI.71	2	0.5236%
LI.52	LI.72	14	3.6649%

LI.52	LI.73	0	0.0000%
LI.52	LI.74	1	0.2618%
LI.52	LI.75	5	1.3089%
LI.52	LI.76	5	1.3089%
LI.52	LI.77	2	0.5236%
LI.52	LI.78	29	7.5916%
LI.52	LI.79	0	0.0000%
LI.52	LI.80	5	1.3089%
LI.52	LI.81	0	0.0000%
LI.52	LI.82	1	0.2618%
LI.53	LI.54	2765	4.4787%
LI.53	LI.55	2069	3.3513%
LI.53	LI.56	109	0.6002%
LI.53	LI.57	34441	55.7866%
LI.53	LI.58	4525	7.3295%
LI.53	LI.59	0	0.0000%
LI.53	LI.60	57379	92.9410%
LI.53	LI.61	38150	61.7944%
LI.53	LI.62	7	0.1312%
LI.53	LI.63	0	0.0000%
LI.53	LI.64	29935	48.4879%
LI.53	LI.65	24315	39.3848%
LI.53	LI.66	278	21.6680%
LI.53	LI.67	0	0.0000%
LI.53	LI.68	2266	3.6704%
LI.53	LI.69	31399	50.8593%
LI.53	LI.70	7704	15.9612%
LI.53	LI.71	3389	8.4912%
LI.53	LI.72	45162	73.1522%
LI.53	LI.73	3344	12.1946%
LI.53	LI.74	9121	14.7740%
LI.53	LI.75	15017	24.3241%
LI.53	LI.76	12830	20.7817%
LI.53	LI.77	10362	16.7841%
LI.53	LI.78	26694	43.2383%
LI.53	LI.79	1853	5.7854%
LI.53	LI.80	22702	36.7721%
LI.53	LI.81	511	18.2826%
LI.53	LI.82	3769	11.9099%
LI.54	LI.55	5190	4.8317%

LI.54	LI.56	47	0.2588%
LI.54	LI.57	28759	26.7737%
LI.54	LI.58	4817	4.4845%
LI.54	LI.59	1	0.3663%
LI.54	LI.60	43317	40.3268%
LI.54	LI.61	28462	26.4972%
LI.54	LI.62	0	0.0000%
LI.54	LI.63	0	0.0000%
LI.54	LI.64	14276	13.2905%
LI.54	LI.65	17504	16.2957%
LI.54	LI.66	136	10.6002%
LI.54	LI.67	0	0.0000%
LI.54	LI.68	1166	1.0855%
LI.54	LI.69	31875	29.6746%
LI.54	LI.70	5364	11.1132%
LI.54	LI.71	3078	7.7120%
LI.54	LI.72	35202	32.7720%
LI.54	LI.73	3545	12.9276%
LI.54	LI.74	4486	4.4820%
LI.54	LI.75	8337	7.7615%
LI.54	LI.76	7628	7.1014%
LI.54	LI.77	20991	19.5420%
LI.54	LI.78	12491	11.6287%
LI.54	LI.79	861	2.6882%
LI.54	LI.80	22888	21.3080%
LI.54	LI.81	278	9.9463%
LI.54	LI.82	3265	10.3173%
LI.55	LI.56	279	1.5363%
LI.55	LI.57	53166	3.5045%
LI.55	LI.58	1677	1.1997%
LI.55	LI.59	2	0.7326%
LI.55	LI.60	93887	6.1886%
LI.55	LI.61	51120	3.3696%
LI.55	LI.62	1	0.0187%
LI.55	LI.63	27	0.0317%
LI.55	LI.64	17562	3.2570%
LI.55	LI.65	25738	4.1429%
LI.55	LI.66	25	1.9486%
LI.55	LI.67	0	0.0000%
LI.55	LI.68	5106	1.5840%

LI.55	LI.69	56738	3.7399%
LI.55	LI.70	6192	12.8286%
LI.55	LI.71	2870	7.1908%
LI.55	LI.72	80179	5.2850%
LI.55	LI.73	3830	13.9669%
LI.55	LI.74	5539	5.5341%
LI.55	LI.75	6839	2.1893%
LI.55	LI.76	10209	5.5803%
LI.55	LI.77	35200	2.3202%
LI.55	LI.78	7749	1.8008%
LI.55	LI.79	789	2.4634%
LI.55	LI.80	34897	3.3778%
LI.55	LI.81	193	6.9052%
LI.55	LI.82	2488	7.8620%
LI.56	LI.57	2892	15.9251%
LI.56	LI.58	16	0.0881%
LI.56	LI.59	1	0.3663%
LI.56	LI.60	10180	56.0573%
LI.56	LI.61	4280	23.5683%
LI.56	LI.62	1	0.0187%
LI.56	LI.63	2	0.0110%
LI.56	LI.64	743	4.0914%
LI.56	LI.65	1513	8.3315%
LI.56	LI.66	2	0.1559%
LI.56	LI.67	0	0.0000%
LI.56	LI.68	846	4.6586%
LI.56	LI.69	4531	24.9504%
LI.56	LI.70	183	1.0077%
LI.56	LI.71	42	0.2313%
LI.56	LI.72	10588	58.3040%
LI.56	LI.73	46	0.2533%
LI.56	LI.74	103	0.5672%
LI.56	LI.75	382	2.1035%
LI.56	LI.76	494	2.7203%
LI.56	LI.77	1377	7.5826%
LI.56	LI.78	70	0.3855%
LI.56	LI.79	21	0.1156%
LI.56	LI.80	1723	9.4879%
LI.56	LI.81	53	1.8962%
LI.56	LI.82	50	0.2753%

LI.57	LI.58	45209	32.3411%
LI.57	LI.59	29	10.6227%
LI.57	LI.60	1468247	71.3069%
LI.57	LI.61	819147	39.7827%
LI.57	LI.62	1002	18.7781%
LI.57	LI.63	35	0.0410%
LI.57	LI.64	220205	40.8382%
LI.57	LI.65	323183	52.0214%
LI.57	LI.66	1105	86.1263%
LI.57	LI.67	0	0.0000%
LI.57	LI.68	51803	16.0701%
LI.57	LI.69	905739	43.9881%
LI.57	LI.70	43080	89.2535%
LI.57	LI.71	25994	65.1283%
LI.57	LI.72	1226735	59.5776%
LI.57	LI.73	23108	84.2681%
LI.57	LI.74	58897	58.8446%
LI.57	LI.75	102153	32.7016%
LI.57	LI.76	105727	57.7911%
LI.57	LI.77	189320	9.1945%
LI.57	LI.78	188096	43.7109%
LI.57	LI.79	8811	27.5094%
LI.57	LI.80	426453	41.2782%
LI.57	LI.81	1408	50.3757%
LI.57	LI.82	23814	75.2512%
LI.58	LI.59	1	0.3663%
LI.58	LI.60	73087	52.2842%
LI.58	LI.61	34470	24.6588%
LI.58	LI.62	0	0.0000%
LI.58	LI.63	2	0.0023%
LI.58	LI.64	18225	13.0376%
LI.58	LI.65	22863	16.3555%
LI.58	LI.66	403	31.4108%
LI.58	LI.67	0	0.0000%
LI.58	LI.68	933	0.6674%
LI.58	LI.69	52706	37.7042%
LI.58	LI.70	6331	13.1166%
LI.58	LI.71	4032	10.1022%
LI.58	LI.72	55639	39.8024%
LI.58	LI.73	4594	16.7530%

LI.58	LI.74	6892	6.8859%
LI.58	LI.75	20975	15.0049%
LI.58	LI.76	12100	8.6560%
LI.58	LI.77	10891	7.7911%
LI.58	LI.78	22859	16.3526%
LI.58	LI.79	1432	4.4709%
LI.58	LI.80	27458	19.6426%
LI.58	LI.81	366	13.0948%
LI.58	LI.82	4667	14.7475%
LI.59	LI.60	74	27.1062%
LI.59	LI.61	21	7.6923%
LI.59	LI.62	1	0.3663%
LI.59	LI.63	0	0.0000%
LI.59	LI.64	37	13.5531%
LI.59	LI.65	24	8.7912%
LI.59	LI.66	0	0.0000%
LI.59	LI.67	0	0.0000%
LI.59	LI.68	0	0.0000%
LI.59	LI.69	8	2.9304%
LI.59	LI.70	1	0.3663%
LI.59	LI.71	5	1.8315%
LI.59	LI.72	42	15.3846%
LI.59	LI.73	0	0.0000%
LI.59	LI.74	5	1.8315%
LI.59	LI.75	11	4.0293%
LI.59	LI.76	11	4.0293%
LI.59	LI.77	6	2.1978%
LI.59	LI.78	36	13.1868%
LI.59	LI.79	1	0.3663%
LI.59	LI.80	5	1.8315%
LI.59	LI.81	0	0.0000%
LI.59	LI.82	7	2.5641%
LI.60	LI.61	1842018	57.8049%
LI.60	LI.62	932	17.4663%
LI.60	LI.63	232	0.2721%
LI.60	LI.64	370927	68.7904%
LI.60	LI.65	447961	72.1064%
LI.60	LI.66	1140	88.8542%
LI.60	LI.67	10	1.0070%
LI.60	LI.68	188894	58.5979%

LI.60	LI.69	2178340	73.8935%
LI.60	LI.70	47592	98.6015%
LI.60	LI.71	33824	84.7464%
LI.60	LI.72	3664817	58.7518%
LI.60	LI.73	26323	95.9923%
LI.60	LI.74	85551	85.4749%
LI.60	LI.75	193005	61.7855%
LI.60	LI.76	151368	82.7387%
LI.60	LI.77	566856	5.9841%
LI.60	LI.78	376222	87.4288%
LI.60	LI.79	14875	46.4423%
LI.60	LI.80	872514	84.4543%
LI.60	LI.81	1456	52.0930%
LI.60	LI.82	26796	84.6742%
LI.61	LI.62	421	7.8898%
LI.61	LI.63	56	0.0657%
LI.61	LI.64	228122	42.3065%
LI.61	LI.65	352752	56.7810%
LI.61	LI.66	1069	83.3203%
LI.61	LI.67	2	0.2014%
LI.61	LI.68	69778	21.6463%
LI.61	LI.69	1006176	34.1314%
LI.61	LI.70	44553	92.3053%
LI.61	LI.71	25738	64.4869%
LI.61	LI.72	1383107	43.4037%
LI.61	LI.73	21509	78.4370%
LI.61	LI.74	60816	60.7619%
LI.61	LI.75	92810	29.7107%
LI.61	LI.76	115067	62.8964%
LI.61	LI.77	229717	7.2088%
LI.61	LI.78	142763	33.1762%
LI.61	LI.79	9082	28.3556%
LI.61	LI.80	441714	42.7553%
LI.61	LI.81	2229	79.7496%
LI.61	LI.82	23461	74.1358%
LI.62	LI.63	0	0.0000%
LI.62	LI.64	1502	28.1484%
LI.62	LI.65	2263	42.4100%
LI.62	LI.66	0	0.0000%
LI.62	LI.67	0	0.0000%

LI.62	LI.68	0	0.0000%
LI.62	LI.69	4	0.0750%
LI.62	LI.70	2	0.0375%
LI.62	LI.71	7	0.1312%
LI.62	LI.72	1497	28.0547%
LI.62	LI.73	0	0.0000%
LI.62	LI.74	15	0.2811%
LI.62	LI.75	2130	39.9175%
LI.62	LI.76	86	1.6117%
LI.62	LI.77	723	13.5495%
LI.62	LI.78	350	6.5592%
LI.62	LI.79	0	0.0000%
LI.62	LI.80	0	0.0000%
LI.62	LI.81	78	2.7907%
LI.62	LI.82	45	0.8433%
LI.63	LI.64	10	0.0117%
LI.63	LI.65	10	0.0117%
LI.63	LI.66	0	0.0000%
LI.63	LI.67	0	0.0000%
LI.63	LI.68	3	0.0035%
LI.63	LI.69	60	0.0704%
LI.63	LI.70	2	0.0041%
LI.63	LI.71	1	0.0025%
LI.63	LI.72	110	0.1290%
LI.63	LI.73	1	0.0036%
LI.63	LI.74	2	0.0023%
LI.63	LI.75	7	0.0082%
LI.63	LI.76	4	0.0047%
LI.63	LI.77	341	0.3999%
LI.63	LI.78	9	0.0106%
LI.63	LI.79	4	0.0125%
LI.63	LI.80	21	0.0246%
LI.63	LI.81	0	0.0000%
LI.63	LI.82	1	0.0032%
LI.64	LI.65	152731	28.3248%
LI.64	LI.66	859	66.9525%
LI.64	LI.67	0	0.0000%
LI.64	LI.68	13260	4.1135%
LI.64	LI.69	227892	42.2638%
LI.64	LI.70	25687	53.2186%

LI.64	LI.71	18676	46.7929%
LI.64	LI.72	299222	55.4924%
LI.64	LI.73	12965	47.2796%
LI.64	LI.74	38529	38.4947%
LI.64	LI.75	78228	25.0427%
LI.64	LI.76	62203	34.0006%
LI.64	LI.77	76819	14.2465%
LI.64	LI.78	120346	27.9668%
LI.64	LI.79	7073	22.0831%
LI.64	LI.80	139926	25.9500%
LI.64	LI.81	2239	80.1073%
LI.64	LI.82	13976	44.1636%
LI.65	LI.66	919	71.6290%
LI.65	LI.67	0	0.0000%
LI.65	LI.68	22884	7.0990%
LI.65	LI.69	344434	55.4421%
LI.65	LI.70	38530	79.8268%
LI.65	LI.71	19793	49.5916%
LI.65	LI.72	434524	69.9435%
LI.65	LI.73	15749	57.4320%
LI.65	LI.74	36992	36.9591%
LI.65	LI.75	77571	24.8323%
LI.65	LI.76	79568	43.4924%
LI.65	LI.77	100646	16.2006%
LI.65	LI.78	68707	15.9666%
LI.65	LI.79	6480	20.2317%
LI.65	LI.80	213347	34.3416%
LI.65	LI.81	2103	75.2415%
LI.65	LI.82	16559	52.3257%
LI.66	LI.67	0	0.0000%
LI.66	LI.68	21	1.6368%
LI.66	LI.69	1077	83.9439%
LI.66	LI.70	585	45.5963%
LI.66	LI.71	610	47.5448%
LI.66	LI.72	1160	90.4131%
LI.66	LI.73	362	28.2151%
LI.66	LI.74	431	33.5931%
LI.66	LI.75	673	52.4552%
LI.66	LI.76	804	62.6656%
LI.66	LI.77	253	19.7194%

LI.66	LI.78	949	73.9673%
LI.66	LI.79	91	7.0928%
LI.66	LI.80	850	66.2510%
LI.66	LI.81	108	8.4178%
LI.66	LI.82	598	46.6095%
LI.67	LI.68	0	0.0000%
LI.67	LI.69	0	0.0000%
LI.67	LI.70	0	0.0000%
LI.67	LI.71	0	0.0000%
LI.67	LI.72	0	0.0000%
LI.67	LI.73	0	0.0000%
LI.67	LI.74	0	0.0000%
LI.67	LI.75	1	0.1007%
LI.67	LI.76	0	0.0000%
LI.67	LI.77	0	0.0000%
LI.67	LI.78	1	0.1007%
LI.67	LI.79	0	0.0000%
LI.67	LI.80	0	0.0000%
LI.67	LI.81	0	0.0000%
LI.67	LI.82	0	0.0000%
LI.68	LI.69	90702	28.1372%
LI.68	LI.70	4130	8.5566%
LI.68	LI.71	1366	3.4225%
LI.68	LI.72	180208	55.9034%
LI.68	LI.73	1260	4.5949%
LI.68	LI.74	3661	3.6577%
LI.68	LI.75	4488	1.4367%
LI.68	LI.76	10213	5.5825%
LI.68	LI.77	19276	5.9797%
LI.68	LI.78	3269	1.0141%
LI.68	LI.79	517	1.6142%
LI.68	LI.80	39053	12.1149%
LI.68	LI.81	75	2.6834%
LI.68	LI.82	1359	4.2944%
LI.69	LI.70	45401	94.0622%
LI.69	LI.71	27085	67.8618%
LI.69	LI.72	1799544	61.0440%
LI.69	LI.73	23859	87.0068%
LI.69	LI.74	62180	62.1247%
LI.69	LI.75	96755	30.9736%

LI.69	LI.76	118198	64.6078%
LI.69	LI.77	257445	8.7330%
LI.69	LI.78	173039	40.2119%
LI.69	LI.79	9580	29.9104%
LI.69	LI.80	610808	59.1227%
LI.69	LI.81	1091	39.0340%
LI.69	LI.82	24278	76.7174%
LI.70	LI.71	3934	9.8567%
LI.70	LI.72	47006	97.3874%
LI.70	LI.73	5535	20.1845%
LI.70	LI.74	8667	17.9564%
LI.70	LI.75	13398	27.7581%
LI.70	LI.76	19622	40.6530%
LI.70	LI.77	13275	27.5033%
LI.70	LI.78	14930	30.9321%
LI.70	LI.79	1679	5.2421%
LI.70	LI.80	38785	80.3551%
LI.70	LI.81	382	13.6673%
LI.70	LI.82	5044	15.9388%
LI.71	LI.72	31834	79.7605%
LI.71	LI.73	4077	14.8676%
LI.71	LI.74	8421	21.0989%
LI.71	LI.75	8626	21.6125%
LI.71	LI.76	13966	34.9920%
LI.71	LI.77	11820	29.6152%
LI.71	LI.78	10931	27.3878%
LI.71	LI.79	1491	4.6552%
LI.71	LI.80	19379	48.5543%
LI.71	LI.81	650	23.2558%
LI.71	LI.82	5406	17.0827%
LI.72	LI.73	24736	90.2049%
LI.72	LI.74	72241	72.1768%
LI.72	LI.75	132277	42.3450%
LI.72	LI.76	145082	79.3027%
LI.72	LI.77	409856	6.5705%
LI.72	LI.78	223245	51.8791%
LI.72	LI.79	11372	35.5053%
LI.72	LI.80	741019	71.7263%
LI.72	LI.81	1668	59.6780%
LI.72	LI.82	26520	83.8021%

LI.73	LI.74	5420	19.7652%
LI.73	LI.75	7453	27.1789%
LI.73	LI.76	9252	33.7393%
LI.73	LI.77	7702	28.0869%
LI.73	LI.78	11439	41.7147%
LI.73	LI.79	999	3.6431%
LI.73	LI.80	18330	66.8441%
LI.73	LI.81	322	11.5206%
LI.73	LI.82	3737	13.6277%
LI.74	LI.75	16710	16.6951%
LI.74	LI.76	20842	20.8235%
LI.74	LI.77	16218	16.2036%
LI.74	LI.78	25437	25.4144%
LI.74	LI.79	2480	7.7430%
LI.74	LI.80	41134	41.0974%
LI.74	LI.81	636	22.7549%
LI.74	LI.82	6443	20.3596%
LI.75	LI.76	28324	15.4821%
LI.75	LI.77	45631	14.6076%
LI.75	LI.78	65222	20.8791%
LI.75	LI.79	4236	13.2255%
LI.75	LI.80	60617	19.4050%
LI.75	LI.81	1366	48.8730%
LI.75	LI.82	7193	22.7296%
LI.76	LI.77	31092	16.9951%
LI.76	LI.78	36661	20.0391%
LI.76	LI.79	3847	12.0110%
LI.76	LI.80	80529	44.0177%
LI.76	LI.81	1092	39.0698%
LI.76	LI.82	10784	34.0770%
LI.77	LI.78	42046	9.7709%
LI.77	LI.79	2791	8.7140%
LI.77	LI.80	117153	11.3397%
LI.77	LI.81	1665	59.5707%
LI.77	LI.82	9276	29.3118%
LI.78	LI.79	6308	19.6947%
LI.78	LI.80	95630	22.2231%
LI.78	LI.81	817	29.2308%
LI.78	LI.82	8709	27.5201%
LI.79	LI.80	6964	21.7428%

LI.79	LI.81	112	4.0072%
LI.79	LI.82	847	2.6765%
LI.80	LI.81	849	30.3757%
LI.80	LI.82	17792	56.2220%
LI.81	LI.82	592	21.1807%

Table 1: IP Intersections

Appendix B

Blacklist 1	Blacklist 2	Count	Percentage
LD_01	LD_02	366	54.0620%
LD_01	LD_03	2076	4.5354%
LD_01	LD_04	1762	3.8494%
LD_01	LD_05	25	15.0602%
LD_01	LD_06	4344	9.4903%
LD_01	LD_07	0	0.0000%
LD_01	LD_08	6	0.0532%
LD_01	LD_09	15	0.3336%
LD_01	LD_10	160	0.3496%
LD_01	LD_11	14	0.2161%
LD_01	LD_12	7409	16.1864%
LD_01	LD_13	12	0.1330%
LD_01	LD_14	0	0.0000%
LD_01	LD_15	490	1.0705%
LD_01	LD_16	1390	3.0367%
LD_01	LD_17	851	35.4141%
LD_01	LD_18	1236	2.7003%
LD_01	LD_19	600	1.9585%
LD_02	LD_03	11	1.6248%
LD_02	LD_04	80	11.8168%
LD_02	LD_05	0	0.0000%
LD_02	LD_06	21	3.1019%
LD_02	LD_07	0	0.0000%
LD_02	LD_08	0	0.0000%
LD_02	LD_09	0	0.0000%
LD_02	LD_10	0	0.0000%
LD_02	LD_11	0	0.0000%
LD_02	LD_12	19	2.8065%

LD_02	LD_13	0	0.0000%
LD_02	LD_14	0	0.0000%
LD_02	LD_15	8	1.1817%
LD_02	LD_16	6	0.8863%
LD_02	LD_17	0	0.0000%
LD_02	LD_18	89	13.1462%
LD_02	LD_19	5	0.7386%
LD_03	LD_04	50535	39.9641%
LD_03	LD_05	2	1.2048%
LD_03	LD_06	649037	47.6457%
LD_03	LD_07	0	0.0000%
LD_03	LD_08	9673	85.7459%
LD_03	LD_09	3221	71.6255%
LD_03	LD_10	25239	5.4899%
LD_03	LD_11	473	7.3016%
LD_03	LD_12	2840	4.1502%
LD_03	LD_13	4148	45.9867%
LD_03	LD_14	60	48.7805%
LD_03	LD_15	3786	0.2779%
LD_03	LD_16	35734	20.1401%
LD_03	LD_17	37	1.5397%
LD_03	LD_18	189	0.0205%
LD_03	LD_19	242	0.7899%
LD_04	LD_05	0	0.0000%
LD_04	LD_06	86027	68.0319%
LD_04	LD_07	0	0.0000%
LD_04	LD_08	145	1.2853%
LD_04	LD_09	310	6.8935%
LD_04	LD_10	239	0.1890%
LD_04	LD_11	199	3.0719%
LD_04	LD_12	789	1.1530%
LD_04	LD_13	53	0.5876%
LD_04	LD_14	81	65.8537%
LD_04	LD_15	638	0.5045%
LD_04	LD_16	37115	29.3513%
LD_04	LD_17	36	1.4981%
LD_04	LD_18	282	0.2230%
LD_04	LD_19	84	0.2742%
LD_05	LD_06	1	0.6024%
LD_05	LD_07	0	0.0000%

LD_05	LD_08	0	0.0000%
LD_05	LD_09	0	0.0000%
LD_05	LD_10	0	0.0000%
LD_05	LD_11	0	0.0000%
LD_05	LD_12	0	0.0000%
LD_05	LD_13	0	0.0000%
LD_05	LD_14	0	0.0000%
LD_05	LD_15	3	1.8072%
LD_05	LD_16	0	0.0000%
LD_05	LD_17	166	100.0000%
LD_05	LD_18	0	0.0000%
LD_05	LD_19	0	0.0000%
LD_06	LD_07	0	0.0000%
LD_06	LD_08	9526	84.4429%
LD_06	LD_09	4415	98.1766%
LD_06	LD_10	72009	15.6631%
LD_06	LD_11	1230	18.9873%
LD_06	LD_12	5669	8.2844%
LD_06	LD_13	4319	47.8825%
LD_06	LD_14	101	82.1138%
LD_06	LD_15	19549	0.4466%
LD_06	LD_16	86049	48.4983%
LD_06	LD_17	109	4.5360%
LD_06	LD_18	467	0.0507%
LD_06	LD_19	621	2.0271%
LD_07	LD_08	0	0.0000%
LD_07	LD_09	0	0.0000%
LD_07	LD_10	0	0.0000%
LD_07	LD_11	0	0.0000%
LD_07	LD_12	0	0.0000%
LD_07	LD_13	0	0.0000%
LD_07	LD_14	0	0.0000%
LD_07	LD_15	0	0.0000%
LD_07	LD_16	0	0.0000%
LD_07	LD_17	0	0.0000%
LD_07	LD_18	0	0.0000%
LD_07	LD_19	0	0.0000%
LD_08	LD_09	653	14.5208%
LD_08	LD_10	1149	10.1853%
LD_08	LD_11	19	0.2933%

LD_08	LD_12	24	0.2127%
LD_08	LD_13	962	10.6652%
LD_08	LD_14	1	0.8130%
LD_08	LD_15	45	0.3989%
LD_08	LD_16	182	1.6133%
LD_08	LD_17	0	0.0000%
LD_08	LD_18	2	0.0177%
LD_08	LD_19	3	0.0266%
LD_09	LD_10	648	14.4096%
LD_09	LD_11	22	0.4892%
LD_09	LD_12	18	0.4003%
LD_09	LD_13	358	7.9609%
LD_09	LD_14	0	0.0000%
LD_09	LD_15	54	1.2008%
LD_09	LD_16	336	7.4716%
LD_09	LD_17	0	0.0000%
LD_09	LD_18	0	0.0000%
LD_09	LD_19	11	0.2446%
LD_10	LD_11	10	0.1544%
LD_10	LD_12	109	0.1593%
LD_10	LD_13	697	7.7273%
LD_10	LD_14	0	0.0000%
LD_10	LD_15	5853	1.2731%
LD_10	LD_16	149	0.0840%
LD_10	LD_17	3	0.1248%
LD_10	LD_18	22	0.0048%
LD_10	LD_19	26	0.0849%
LD_11	LD_12	20	0.3087%
LD_11	LD_13	14	0.2161%
LD_11	LD_14	4	3.2520%
LD_11	LD_15	0	0.0000%
LD_11	LD_16	796	12.2877%
LD_11	LD_17	0	0.0000%
LD_11	LD_18	1	0.0154%
LD_11	LD_19	3	0.0463%
LD_12	LD_13	17	0.1885%
LD_12	LD_14	1	0.8130%
LD_12	LD_15	241	0.3522%
LD_12	LD_16	1501	2.1935%
LD_12	LD_17	6	0.2497%

LD_12	LD_18	494	0.7219%
LD_12	LD_19	275	0.8977%
LD_13	LD_14	0	0.0000%
LD_13	LD_15	27	0.2993%
LD_13	LD_16	45	0.4989%
LD_13	LD_17	0	0.0000%
LD_13	LD_18	3	0.0333%
LD_13	LD_19	9	0.0998%
LD_14	LD_15	0	0.0000%
LD_14	LD_16	60	48.7805%
LD_14	LD_17	0	0.0000%
LD_14	LD_18	0	0.0000%
LD_14	LD_19	0	0.0000%
LD_15	LD_16	339	0.1911%
LD_15	LD_17	15	0.6242%
LD_15	LD_18	2415	0.2622%
LD_15	LD_19	28	0.0914%
LD_16	LD_17	53	2.2056%
LD_16	LD_18	123	0.0693%
LD_16	LD_19	124	0.4048%
LD_17	LD_18	113	4.7025%
LD_17	LD_19	95	3.9534%
LD_18	LD_19	20	0.0653%

Table 2: Domain Intersections