

Agglomeration Index

1 DO Index

Table 1: Highest DO Count Agglomerations (2000km cutoff)

Rank	Ind. Code	Industry	Cutoff			
			250km	500km	1000km	2000km
1	1742	Silk spinning and silk product processing	0.664	0.664	0.664	0.664
2	917	Magnesium Ores	0.529	0.552	0.559	0.560
3	4072	Household audio equipment	0.357	0.357	0.357	0.488
4	3574	Pneumatic and electrical tools	0.296	0.458	0.458	0.458
5	1030	Salt Mining	0.366	0.444	0.444	0.444
6	3653	Sewing machines	0.369	0.423	0.423	0.423
7	914	Stannum Ores	0.279	0.279	0.279	0.418
8	3732	Motorcycle parts and fitting	0.162	0.162	0.162	0.394
9	3953	Household electrical ventilation apparatus	0.231	0.231	0.231	0.394
10	4142	Eyeglass	0.228	0.349	0.390	0.390
11	790	Crude petroleum and natural gas exploration services	0.319	0.319	0.319	0.389
12	1743	Silk printing, dyeing and refined processing	0.355	0.355	0.355	0.388
13	4043	Electronic computer peripheral	0.225	0.225	0.225	0.373
14	2664	Dynamite and fire products	0.278	0.367	0.368	0.368
15	2829	Other synthetic fibre	0.348	0.363	0.364	0.364
16	1754	Silk products	0.354	0.361	0.361	0.361
17	2822	Polyester fibre	0.345	0.356	0.358	0.358
18	2412	Pen making	0.245	0.352	0.352	0.352
19	916	Aluminum Ores	0.264	0.269	0.276	0.352
20	4130	Clock/watch and timepiece	0.208	0.208	0.208	0.235

2 Cluster Index

3 Correlation

Table 2: Highest DO Employment Agglomerations (2000km cutoff)

Rank	Ind. Code	Industry	Cutoff			
			250km	500km	1000km	2000km
1	917	Magnesium Ores	0.529	0.562	0.562	0.603
2	3953	Household electrical ventilation apparatus	0.505	0.505	0.505	0.543
3	4072	Household audio equipment	0.496	0.496	0.496	0.513
4	1742	Silk spinning and silk product processing	0.482	0.496	0.496	0.503
5	4043	Electronic computer peripheral	0.247	0.247	0.247	0.467
6	1743	Silk printing, dyeing and refined processing	0.435	0.435	0.442	0.458
7	4154	Duplicating and offset printing equipment	0.337	0.337	0.337	0.453
8	4153	Camera and device	0.348	0.348	0.348	0.432
9	914	Stannum Ores	0.202	0.206	0.276	0.425
10	4062	Printed circuit board	0.255	0.255	0.255	0.422
11	3424	Knives, scissors and similar daily metallic tools	0.285	0.298	0.298	0.417
12	3959	Other household electrical appliance	0.244	0.244	0.244	0.401
13	4142	Eyeglass	0.163	0.257	0.357	0.386
14	3954	Household kitchen electrical appliance	0.308	0.320	0.331	0.383
15	3732	Motorcycle parts and fitting	0.175	0.175	0.175	0.377
16	916	Aluminium Ores	0.338	0.373	0.373	0.375
17	4130	Clock/watch and timepiece	0.338	0.339	0.339	0.365
18	3159	Garden, art display and other procelains	0.172	0.272	0.346	0.362
19	3574	Pneumatic and electrical tools	0.229	0.359	0.359	0.359
20	4053	Integrated circuits	0.199	0.199	0.199	0.356

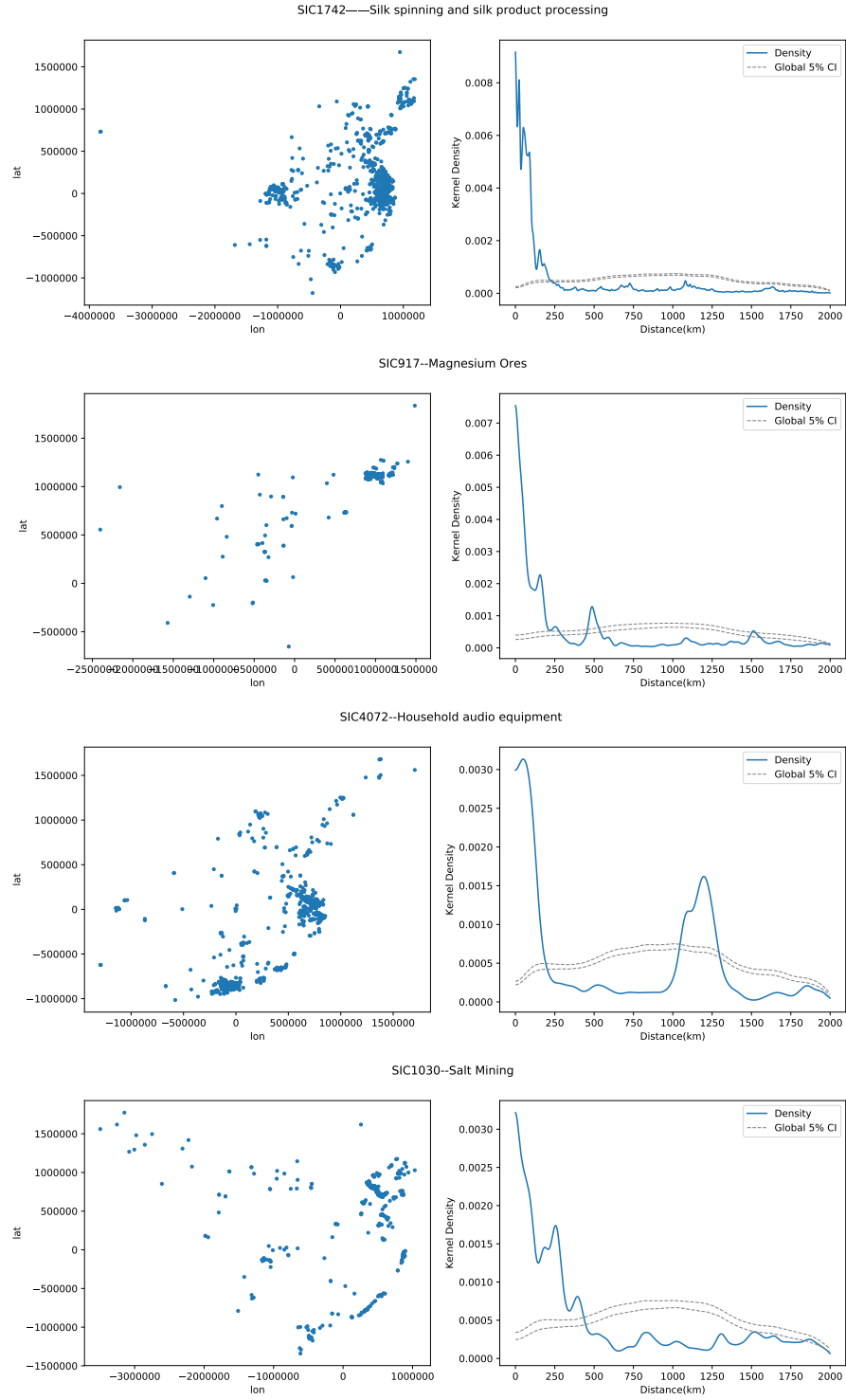


Figure 1: Highly Agglomerated Industries

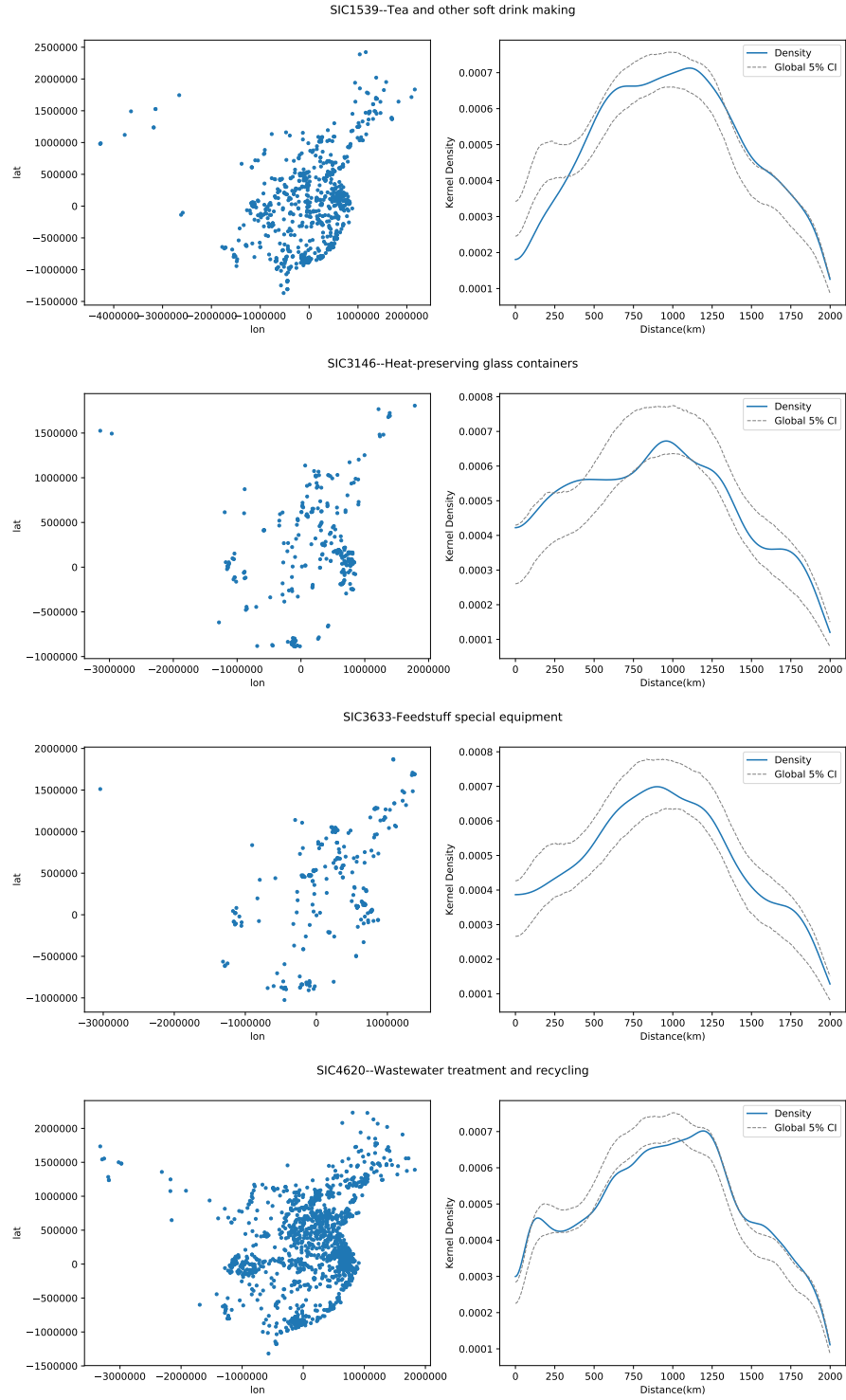


Figure 2: Highly Dispersed Industries

Table 3: Cluster Index – Bandwidth 10km

Rank	sic4	Ind. Code	Density	Density Square
1	4012	Communications exchange equipment	14.820	0.0064
2	4041	Electronic computer set	13.806	0.0030
3	3952	Household air conditioner	12.266	0.0036
4	4153	Camera and device	12.245	0.0011
5	3953	Household electrical ventilation apparatus	11.757	0.0019
6	4154	Duplicating and offset printing equipment	11.667	0.0014
7	4043	Electronic computer peripheral	11.573	0.0010
8	3491	Mint and noble metal-made lab articles	11.410	0.0023
9	3955	Household cleaning electrical appliance	11.015	0.0006
10	4053	Integrated circuits	10.992	0.0006
11	4013	Communications terminal equipment	10.940	0.0012
12	2424	Sport protective outfits	10.875	0.0012
13	3954	Household kitchen electrical appliance	10.849	0.0015
14	4062	Printed circuit board	10.672	0.0008
15	4152	Epidiascope and projection equipment	10.478	0.0010
16	4032	Broadcast/television receiving equipment and apparatus	10.461	0.0012
17	3625	Dies and moulds	10.411	0.0005
18	4072	Household audio equipment	10.364	0.0010
19	4042	Computer network equipment	10.315	0.0008
20	3741	Man-powered bicycle and wheelchair	10.174	0.0006

Table 4: Cluster Index – Bandwidth 1km

Rank	sic4	Ind. Code	Density	Density Square
1	4043	Electronic computer peripheral	43.780	0.1057
2	4059	Photoelectronic and other electronic device	43.370	0.1185
3	4012	Communications exchange equipment	41.273	0.6584
4	1743	Silk printing, dyeing and refined processing	40.531	0.5549
5	4042	Computer network equipment	40.071	0.1858
6	1452	Canned aquatic products	39.548	0.5627
7	4041	Electronic computer set	39.269	0.5262
8	4053	Integrated circuits	37.915	0.1200
9	3919	Minimotor and other electric machinery	37.544	0.0530
10	1742	Silk spinning and silk product processing	37.124	0.2063
11	3684	Medical, surgical and veterinary apparatus	36.678	0.0916
12	3560	Ovens, furnaces and electrical cookers	35.661	0.0699
13	4062	Printed circuit board	35.489	0.0587
14	3625	Dies and moulds	34.726	0.0144
15	2424	Sport protective outfits	34.617	0.1402
16	4153	Camera and device	34.464	0.1282
17	3424	Knives, scissors and similar daily metallic tools	33.698	0.2309
18	2452	Amusement articles and indoor amusement apparatus	33.239	0.0900
19	3923	Power distribution switch control equipment	33.197	0.0398
20	2672	Cosmetics	32.970	0.0468

Table 5: Summary Statistics

Variable	Obs	Mean	Std. Dev.	Min	Max
DO_ct_250	523	0.060	0.080	0.000	0.664
DO_ct_500	523	0.074	0.089	0.000	0.664
DO_ct_1000	523	0.083	0.090	0.000	0.664
DO_ct_2000	523	0.102	0.097	0.000	0.664
DO_emp_250	523	0.052	0.079	0.000	0.529
DO_emp_500	523	0.061	0.085	0.000	0.562
DO_emp_1000	523	0.069	0.089	0.000	0.562
DO_emp_2000	523	0.088	0.103	0.000	0.603
dens10	525	5.093	2.852	0.196	14.820
dens_sq10	525	0.000	0.000	0.000	0.006
dens	525	19.633	7.989	2.359	43.780
dens_sq	525	0.048	0.090	0.000	0.870

Table 6: Correlation Table

	DO_emp_250	DO_emp_500	DO_emp_1000	DO_emp_2000	Dens	Dens_sq	Dens10	Dens_sq10
DO_emp_250	1							
DO_emp_500	0.9714	1						
DO_emp_1000	0.9433	0.9816	1					
DO_emp_2000	0.9356	0.9492	0.9535	1				
Dens	0.4222	0.3718	0.3444	0.3985	1			
Dens_sq	0.2796	0.2517	0.2438	0.2342	0.3006	1		
Dens10	0.4063	0.3438	0.3032	0.3838	0.895	0.2052	1	
Dens_sq10	0.4539	0.4097	0.3867	0.4157	0.4527	0.6584	0.5712	1