

附錄二-3

Moran's I 值計算--南部區域各鄉鎮編號及半導體製造業廠商家數

n	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Xi	xi	X平均	Xn-X	(Xn-X) ²
1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	x1	2	3.667	-1.67	2.7778
2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	x2	2	3.667	-1.67	2.7789
3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	x3	1	3.667	-2.67	7.1129
4	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	x4	1	3.667	-2.67	7.1129
5	0	0	1	0	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	x5	14	3.667	10.33	106.77
6	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	x6	22	3.667	18.33	336.1
7	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	x7	5	3.667	1.333	1.7769
8	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	x8	1	3.667	-2.67	7.1129
9	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	x9	1	3.667	-2.67	7.1129
10	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	x10	1	3.667	-2.67	7.1129
11	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	x11	1	3.667	-2.67	7.1129
12	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	x12	6	3.667	2.333	5.4429
13	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	x13	3	3.667	-0.67	0.4449
14	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	x14	3	3.667	-0.67	0.4449
15	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	x15	2	3.667	-1.67	2.7789
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	x16	2	3.667	-1.67	2.7789
17	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	x17	5	3.667	1.333	1.7769
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	x18	2	3.667	-1.67	2.7789
19	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	x19	1	3.667	-2.67	7.1129
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	x20	1	3.667	-2.67	7.1129
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	x21	1	3.667	-2.67	7.1129

Xi



	-1.67	-1.67	-2.67	-2.67	10.3	18.3	1.33	-2.67	-2.67	-2.67	-2.67	2.33	-0.67	-0.67	-1.67	-1.67	1.33	-1.67	-2.67	-2.67	-2.67	Xi
-1.67	2.78	2.78	4.45	4.45	-17.2	-30.6	-2.22	4.45	4.45	4.45	4.45	-3.89	1.11	1.11	2.78	2.78	-2.22	2.78	4.45	4.45	4.45	Ans: 0.208
-1.67	2.78	2.78	4.45	4.45	-17.2	-30.6	-2.22	4.45	4.45	4.45	4.45	-3.89	1.11	1.11	2.78	2.78	-2.22	2.78	4.45	4.45	4.45	
-2.67	4.45	4.45	7.11	7.11	-27.6	-48.9	-3.56	7.11	7.11	7.11	7.11	-6.22	1.78	1.78	4.45	4.45	-3.56	4.45	7.11	7.11	7.11	
-2.67	4.45	4.45	7.11	7.11	-27.6	-48.9	-3.56	7.11	7.11	7.11	7.11	-6.22	1.78	1.78	4.45	4.45	-3.56	4.45	7.11	7.11	7.11	
10.3	-17.2	-17.2	-27.6	-27.6	107	189	13.8	-27.6	-27.6	-27.6	-27.6	24.1	-6.89	-6.89	-17.2	-17.2	13.8	-17.2	-27.6	-27.6	-27.6	
18.3	-30.6	-30.6	-48.9	-48.9	189	336	24.4	-48.9	-48.9	-48.9	-48.9	42.8	-12.2	-12.2	-30.6	-30.6	24.4	-30.6	-48.9	-48.9	-48.9	
1.33	-2.22	-2.22	-3.56	-3.56	13.8	24.4	1.78	-3.56	-3.56	-3.56	-3.56	3.11	-0.89	-0.89	-2.22	-2.22	1.78	-2.22	-3.56	-3.56	-3.56	
-2.67	4.45	4.45	7.11	7.11	-27.6	-48.9	-3.56	7.11	7.11	7.11	7.11	-6.22	1.78	1.78	4.45	4.45	-3.56	4.45	7.11	7.11	7.11	
-2.67	4.45	4.45	7.11	7.11	-27.6	-48.9	-3.56	7.11	7.11	7.11	7.11	-6.22	1.78	1.78	4.45	4.45	-3.56	4.45	7.11	7.11	7.11	
-2.67	4.45	4.45	7.11	7.11	-27.6	-48.9	-3.56	7.11	7.11	7.11	7.11	-6.22	1.78	1.78	4.45	4.45	-3.56	4.45	7.11	7.11	7.11	
-2.67	4.45	4.45	7.11	7.11	-27.6	-48.9	-3.56	7.11	7.11	7.11	7.11	-6.22	1.78	1.78	4.45	4.45	-3.56	4.45	7.11	7.11	7.11	
2.33	-3.89	-3.89	-6.22	-6.22	24.1	42.8	3.11	-6.22	-6.22	-6.22	-6.22	5.44	-1.56	-1.56	-3.89	-3.89	3.11	-3.89	-6.22	-6.22	-6.22	
-0.67	1.11	1.11	1.78	1.78	-6.89	-12.2	-0.89	1.78	1.78	1.78	1.78	-1.56	0.44	0.44	1.11	1.11	-0.89	1.11	1.78	1.78	1.78	
-0.67	1.11	1.11	1.78	1.78	-6.89	-12.2	-0.89	1.78	1.78	1.78	1.78	-1.56	0.44	0.44	1.11	1.11	-0.89	1.11	1.78	1.78	1.78	
-1.67	2.78	2.78	4.45	4.45	-17.2	-30.6	-2.22	4.45	4.45	4.45	4.45	-3.89	1.11	1.11	2.78	2.78	-2.22	2.78	4.45	4.45	4.45	
-1.67	2.78	2.78	4.45	4.45	-17.2	-30.6	-2.22	4.45	4.45	4.45	4.45	-3.89	1.11	1.11	2.78	2.78	-2.22	2.78	4.45	4.45	4.45	
1.33	-2.22	-2.22	-3.56	-3.56	13.8	24.4	1.78	-3.56	-3.56	-3.56	-3.56	3.11	-0.89	-0.89	-2.22	-2.22	1.78	-2.22	-3.56	-3.56	-3.56	
-1.67	2.78	2.78	4.45	4.45	-17.2	-30.6	-2.22	4.45	4.45	4.45	4.45	-3.89	1.11	1.11	2.78	2.78	-2.22	2.78	4.45	4.45	4.45	
-2.67	4.45	4.45	7.11	7.11	-27.6	-48.9	-3.56	7.11	7.11	7.11	7.11	-6.22	1.78	1.78	4.45	4.45	-3.56	4.45	7.11	7.11	7.11	
-2.67	4.45	4.45	7.11	7.11	-27.6	-48.9	-3.56	7.11	7.11	7.11	7.11	-6.22	1.78	1.78	4.45	4.45	-3.56	4.45	7.11	7.11	7.11	
-2.67	4.45	4.45	7.11	7.11	-27.6	-48.9	-3.56	7.11	7.11	7.11	7.11	-6.22	1.78	1.78	4.45	4.45	-3.56	4.45	7.11	7.11	7.11	

Xi