

Additional file 1: Table S1. The comparison of scan statistical results by using different percentages of the population at risk.

Spatial Clusters		County Code	Number of cases	Relative Risk	Log Likelihood Ratio	<i>p</i> -value
CRF01_AE						
10% of the population at risk	Primary Cluster	53290100	10	17.41	18.1	6.4E-07
	Secondary Cluster	53012200, 53018100, 53040200, 53011200, 53042100, 53042200	11	5.36	8.6	7.0E-03
30% of the population at risk	Primary Cluster	53290100	10	17.41	18.1	1.3E-06
	Secondary Cluster	53012200, 53018100, 53040200, 53011200, 53042100, 53042200	11	5.36	8.6	1.1E-02
50% of the population at risk	Primary Cluster	53290100	10	17.41	18.1	2.0E-06
	Secondary Cluster	53012200, 53018100, 53040200, 53011200, 53042100, 53042200	11	5.36	8.6	1.3E-02
CRF07_BC						
10% of the population at risk	Primary Cluster	53010200, 53010300, 53011200, 53018100	16	3.68	8.3	1.4E-02
30% of the population at risk	Primary Cluster	53010200, 53010300, 53011200, 53018100	16	3.68	8.3	2.0E-02
50% of the population at risk	Primary Cluster	53010200, 53010300, 53011200, 53018100	16	3.68	8.3	2.0E-02
CRF08_BC						
10% of the population at risk	Primary Cluster	53252200, 53252300, 53250100, 53250200, 53262100, 53253200, 53252800, 53253000, 53262200, 53252400, 53262500	63	4.78	41.2	4.4E-16
30% of the population at risk	Secondary Cluster	53060200, 53062100	20	4.24	13.0	1.5E-04
	Primary Cluster	53252200, 53252300, 53250100, 53250200, 53262100, 53253200, 53252800, 53253000, 53262200, 53252400, 53262500	63	4.78	41.2	3.6E-15
50% of the population at risk	Secondary Cluster	53060200, 53062100	20	4.24	13.0	2.9E-04
	Primary Cluster	53252200, 53252300, 53250100, 53250200, 53262100, 53253200, 53252800, 53253000, 53262200, 53252400, 53262500	63	4.78	41.2	1.0E-14
	Secondary Cluster	53060200, 53062100	20	4.24	13.0	3.8E-04

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10% of the population at risk	Primary Cluster	53312300, 53312200, 53312400, 53052200, 53310300, 53310200	23	9.62	28.2	4.1E-11
	Secondary Cluster	53262100, 53262200, 53252300, 53262500, 53252200, 53262300, 53253200, 53262600, 53250200	16	3.51	7.7	2.4E-02
30% of the population at risk	Primary Cluster	53312300, 53312200, 53312400, 53052200, 53310300, 53310200	23	9.62	28.2	1.4E-10
	Secondary Cluster	53262100, 53262200, 53252300, 53262500, 53252200, 53262300, 53253200, 53262600, 53250200	16	3.51	7.7	3.3E-02
50% of the population at risk	Primary Cluster	53312300, 53312200, 53312400, 53052200, 53310300, 53310200	23	9.62	28.2	2.4E-10
	Secondary Cluster	53262100, 53262200, 53252300, 53262500, 53252200, 53262300, 53253200, 53262600, 53250200	16	3.51	7.7	3.6E-02
