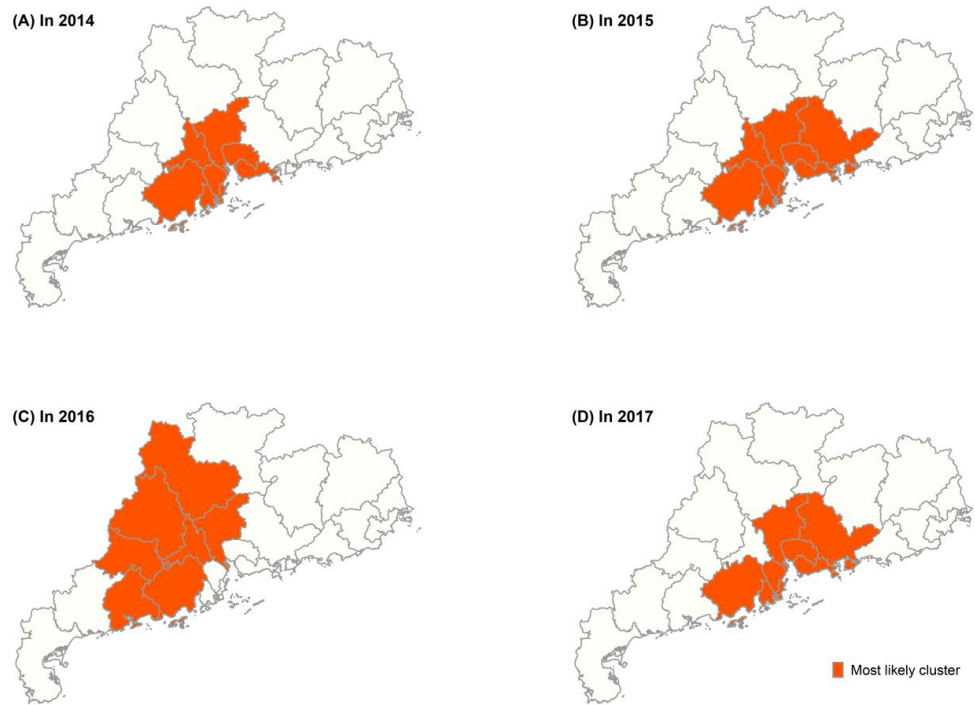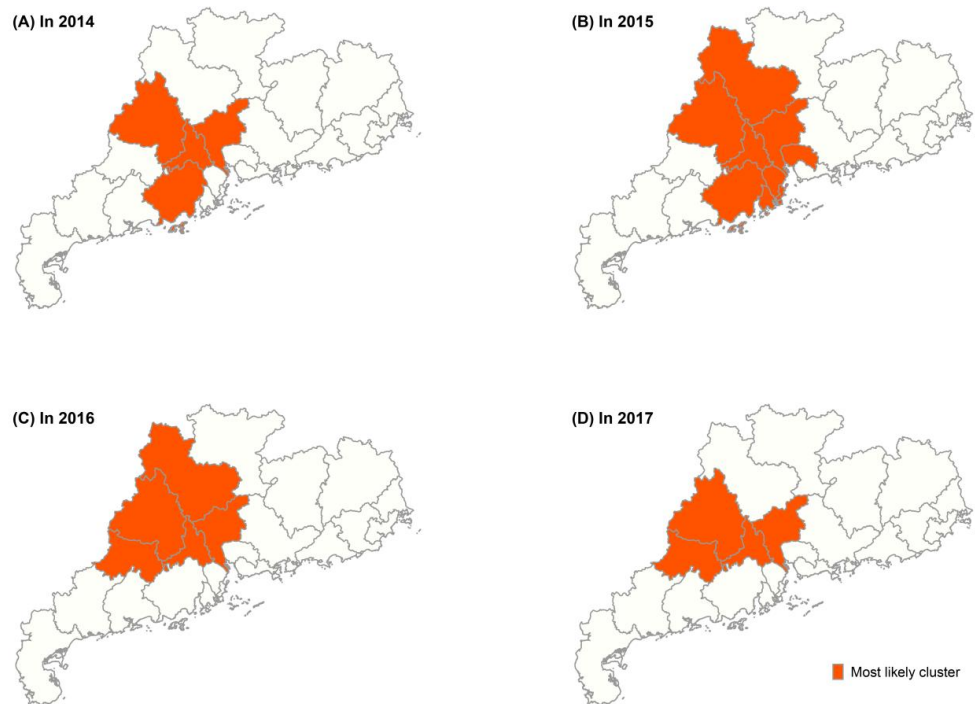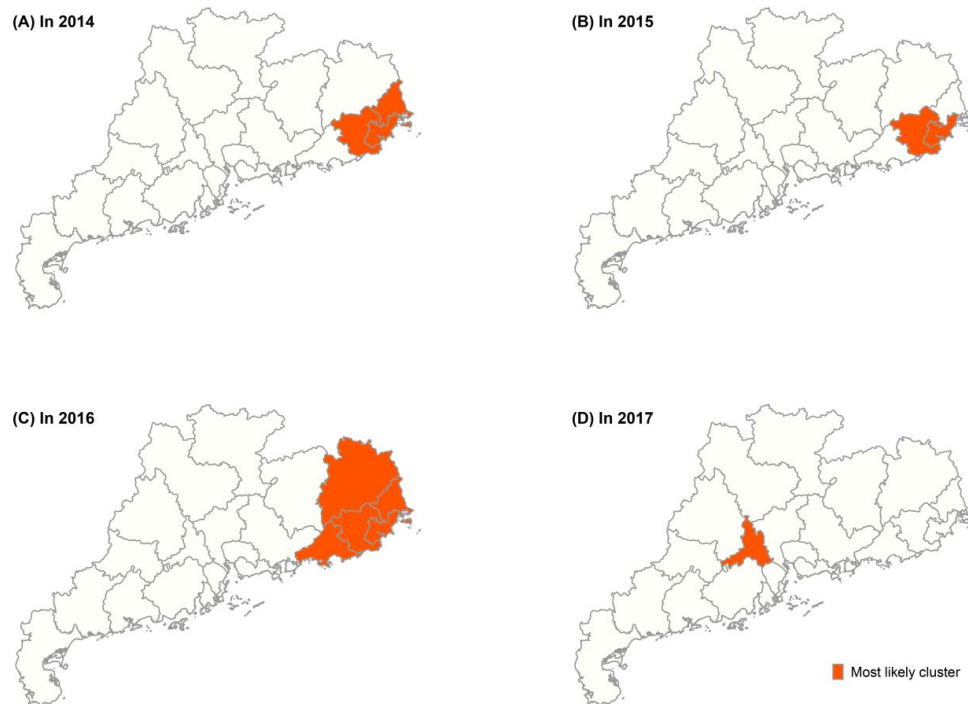**Supplementary File**

Figure S1. The results of purely spatial clustering of preterm births according to the Kulldorff's spatial scan statistic. The most likely cluster identified was marked with red.

Figure S2. The results of purely spatial clustering of low birth weight infants according to the Kulldorff's spatial scan statistic. The most likely cluster identified was marked with red.

Figure S3. The results of purely spatial clustering of small-for-gestational-age infants according to the Kulldorff's spatial scan statistic. The most likely cluster identified was marked with red.

Table S1. The results of purely spatial clustering according to the Kulldorff's spatial scan statistic. The results of the most likely cluster by adverse birth outcome are shown.

Outcome	Year	Coordinates	Observed cases	Expected cases	LLR	*P*-value
PTB	2014	22.5160N, 113.3926E	9439	8669.02	560.61	0.00
	2015	22.5603N, 113.1110E	10716	9995.57	456.72	0.00
	2016	23.0710N, 112.0032E	11809	10390.57	320.46	0.00
	2017	22.5533N, 113.8831E	8892	8530.58	780.61	0.00
LBW	2014	22.9003N, 112.8926E	8037	6820.77	133.05	0.00
	2015	22.9003N, 112.8926E	12099	10424.63	135.78	0.00
	2016	23.1582N, 112.5671E	9840	8510.90	162.32	0.00
	2017	23.1582N, 112.5671E	7792	6677.31	73.06	0.00
SGA	2014	23.4624N, 116.6781E	5943	6331.37	404.23	0.00
	2015	23.2503N, 116.4331E	5013	5357.05	430.82	0.00
	2016	23.4624N, 116.6781E	9158	10061.89	691.66	0.00
	2017	22.9203N, 112.8926E	1824	1464.99	3260.36	0.00

PTB: Preterm birth; LBW: Low birth weight; SGA: small for gestational age; LLR: Log likelihood ratio.

Coordinates: The coordinates of the most likely cluster.