

Supplementary Table S1. The no and notification rate (per 100,000 population) of PTB case with characteristics from 2014 to 2019 in Baoshan district, Shanghai, *n* (%)

Characteristics	2014	2015	2016	2017	2018	2019
Gender						
Male	414 (38.70)	362 (33.71)	389 (36.03)	396 (36.75)	337 (31.47)	351 (32.50)
Female	181 (19.46)	187 (20.01)	187 (20.32)	165 (17.82)	194 (20.21)	180 (18.70)
Age (year)						
0–	25 (9.69)	20 (7.72)	19 (7.42)	19 (7.23)	12 (4.34)	15 (6.08)
20–	139 (32.09)	137 (31.50)	140 (32.74)	146 (34.77)	127 (30.56)	108 (39.41)
30–	93 (23.31)	92 (22.96)	95 (24.10)	91 (23.51)	96 (25.08)	108 (24.15)
40–	70 (22.87)	70 (22.78)	68 (22.48)	67 (22.56)	65 (22.15)	58 (17.74)
50–	113 (35.17)	86 (26.65)	107 (33.73)	93 (29.85)	75 (24.32)	66 (18.86)
> 60	155 (54.94)	144 (50.82)	147 (48.59)	145 (44.58)	156 (44.02)	176 (44.27)
Residence						
Native	368 (39.31)	329 (34.70)	345 (35.77)	356 (36.46)	346 (34.83)	366 (30.60)
Migrant	227 (19.96)	220 (19.89)	231 (20.95)	205 (19.03)	185 (17.24)	165 (19.77)
Total	595 (28.70)	549 (26.73)	576 (27.86)	561 (27.32)	531 (25.69)	531 (26.21)

Note. PTB, Pulmonary tuberculosis.

Supplementary Table S2. Global Moran's *I* analysis of PTB in Baoshan district, Shanghai 2014–2019

Years	Moran's <i>I</i>	Z-score	<i>P</i> value	Pattern
2014	-0.284	-1.091	0.27	dispersed
2015	0.041	0.756	0.44	clustered
2016	0.039	0.730	0.46	clustered
2017	-0.090	0.0005	0.99	dispersed
2018	-0.121	-0.263	0.79	dispersed
2019	-0.122	-0.188	0.85	dispersed

