

Table S1-1 Wald Test results in the age-period-cohort analysis of PTB notification rate in Zhejiang Province.

Parameter	Total			Male			Female		
	c ²	df	P-Value	c ²	df	P-Value	c ²	df	P-Value
Net Drift = 0	101.3	1	<0.01	106.4	1	<0.01	63.8	1	<0.01
All Age Deviations = 0	261.5	15	<0.01	294.4	15	<0.01	172.8	15	<0.01
All Period Deviations = 0	0.5	1	0.46	0.6	1	0.43	0.6	1	0.46
All Cohort Deviations = 0	29.1	17	0.03	39.4	17	<0.01	19.9	17	0.28
All Period RR = 1	102.5	2	<0.01	107.7	2	<0.01	64.9	2	<0.01
All Cohort RR = 1	321.6	18	<0.01	409.4	18	<0.01	164.1	18	<0.01
All Local Drifts = Net Drift	28.9	16	0.02	39.0	16	<0.01	19.9	16	0.23

Table S1-2 Local drift values of notification rate in all patients and male patients.

Age	Total		Male	
	Percent	95% CI	Percent	95% CI
0-4	-9.71	(-36.35, 28.08)	-11.85	(-40.79, 31.23)
5-9	-4.40	(-23.08, 18.82)	-6.01	(-25.44, 18.48)
10-14	-0.54	(-8.87, 8.56)	-1.18	(-10.57, 9.18)
15-19	-3.46	(-6.38, -0.45)	-4.45	(-7.42, -1.38)
20-24	-6.05	(-7.92, -4.13)	-6.34	(-8.16, -4.47)
25-29	-7.33	(-9.09, -5.54)	-7.74	(-9.47, -5.98)
30-34	-6.56	(-8.47, -4.6)	-7.50	(-9.40, -5.56)
35-39	-6.98	(-9.01, -4.91)	-8.03	(-10.02, -5.99)
40-44	-7.47	(-9.44, -5.46)	-8.14	(-10.02, -6.22)
45-49	-8.40	(-10.21, -6.55)	-8.80	(-10.50, -7.08)
50-54	-6.12	(-7.84, -4.37)	-6.51	(-8.08, -4.91)
55-59	-3.92	(-5.58, -2.22)	-4.06	(-5.57, -2.53)
60-64	-4.95	(-6.57, -3.31)	-4.54	(-6.02, -3.05)
65-69	-4.07	(-5.76, -2.34)	-3.78	(-5.34, -2.21)
70-74	-3.66	(-5.42, -1.87)	-4.04	(-5.63, -2.43)
75-79	-5.35	(-7.26, -3.40)	-6.02	(-7.75, -4.25)
80-84	-4.62	(-7.29, -1.87)	-5.57	(-7.98, -3.09)

Table S1-3 Specific outcomes of the cohort effect on PTB notification rate.

Cohort	Total		Male		Female	
	RR	95% CI	RR	95% CI	RR	95% CI
1928	11.04	(7.23, 16.85)	13.12	(8.91, 19.33)	7.73	(4.36, 13.7)
1933	9.41	(6.63, 13.37)	10.41	(7.54, 14.36)	7.37	(4.6, 11.82)
1938	6.88	(4.99, 9.49)	7.40	(5.51, 9.94)	5.62	(3.65, 8.65)
1943	5.43	(4.02, 7.33)	5.60	(4.24, 7.38)	4.91	(3.29, 7.32)
1948	4.74	(3.6, 6.24)	4.90	(3.8, 6.31)	4.42	(3.06, 6.36)
1953	3.59	(2.79, 4.62)	3.80	(3.01, 4.81)	3.19	(2.28, 4.45)
1958	2.85	(2.26, 3.59)	3.08	(2.48, 3.81)	2.40	(1.77, 3.25)
1963	2.40	(1.97, 2.94)	2.51	(2.08, 3.03)	2.18	(1.69, 2.81)

1968	1.52	(1.28, 1.8)	1.57	(1.34, 1.84)	1.42	(1.15, 1.75)
1973	1	1	1	1	1	1
1978	0.70	(0.58, 0.84)	0.67	(0.56, 0.8)	0.74	(0.6, 0.92)
1983	0.49	(0.39, 0.6)	0.43	(0.35, 0.54)	0.57	(0.45, 0.73)
1988	0.35	(0.28, 0.45)	0.31	(0.24, 0.4)	0.43	(0.32, 0.57)
1993	0.23	(0.17, 0.3)	0.19	(0.15, 0.25)	0.28	(0.21, 0.39)
1998	0.19	(0.14, 0.26)	0.16	(0.12, 0.22)	0.24	(0.17, 0.34)
2003	0.16	(0.11, 0.24)	0.12	(0.08, 0.18)	0.23	(0.15, 0.36)
2008	0.18	(0.07, 0.45)	0.14	(0.05, 0.4)	0.25	(0.1, 0.61)
2013	0.10	(0.01, 0.92)	0.07	(0.01, 0.69)	0.18	(0.02, 1.84)
2018	0.06	(0, 2.36)	0.04	(0, 2.39)	0.11	(0, 3.65)

Figure S1-1 The cross-sectional age curve of PTB notification rate. The “vertical line” represents the 95% CI of the age-adjusted rate, and the “0” on the horizontal axis represents the 0–4 age group.

