

Appendix 3: Prediction factors for associated TBTB in 1894 patients with PTB

Intercept and variable	Prediction model		
	β	Odds ratio (95% CI)	<i>p</i> -value
Intercept	-2.376	0.093 (0.062-0.137)	< 0.001
EPTB	-0.718	0.488 (0.308-0.754)	0.002
Female	0.765	2.148 (1.68-2.754)	< 0.001
Smoker	-0.593	0.553 (0.418-0.73)	< 0.001
Diabetes	-0.422	0.656 (0.419-1.012)	0.06
Cough	1.064	2.897 (2.157-3.919)	< 0.001
Sputum production	0.65	1.916 (1.511-2.435)	< 0.001
Tachypnea	0.346	1.414 (1.058-1.89)	0.019
Chest pain	-0.415	0.66 (0.43-0.998)	0.052
Pulmonary function test			
Normal		Reference	
Abnormal	0.234	1.263 (0.992-1.611)	0.059
Atelectasis	1.242	3.463 (1.925-6.427)	< 0.001
Number of previous hospitalizations			
0		Reference	
1-2	0.884	2.42 (1.929-3.045)	< 0.001
3-4	2.188	8.918 (4.631-18.478)	< 0.001
≥ 5	3.973	53.162 (8.408-1120.401)	< 0.001

β is the regression coefficient. Abbreviations: PTB, pulmonary tuberculosis; TBTB, tracheobronchial tuberculosis; EPTB, extrapulmonary tuberculosis; CI, confidence interval.