

Table 2 Multivariate analysis of treatment success rates among registered cases of pulmonary tuberculosis (TB) in Pakistan

Variable	Treatment success				Univariate analysis		Multivariate analysis <sup>b</sup>	
	Yes		No		OR	95% CI	OR	95% CI
	No.	%	No.	%				
Type of TB								
New smear-positive <sup>a</sup>	137 617	89.6	15 973	10.4	1.00	–	1.00	–
New smear-negative	161 679	88.1	21 769	11.9	0.86	0.84–0.88	0.89	0.87–0.91
Relapsed	5 726	83.7	1 113	16.3	0.60	0.56–0.63	0.56	0.53–0.60
Treatment after failure	940	72.5	356	27.5	0.30	0.27–0.34	0.33	0.29–0.38
Treatment after default	3 192	70.6	1 329	29.4	0.28	0.26–0.30	0.28	0.26–0.30
Year								
2006 <sup>a</sup>	132 316	86.4	20 747	13.6	1.00	–	1.00	–
2007	176 838	89.9	19 793	10.1	1.34	1.32–1.37	1.35	1.32–1.38
Province								
AJK	5 851	94.9	312	5.1	2.21	1.98–2.50	2.24	2.00–2.51
Balochistan	10 657	88.6	1 376	11.4	0.92	0.86–0.97	0.89	0.84–0.95
FATA	4 641	92.3	385	7.7	1.42	1.28–1.58	1.46	1.31–1.62
NA	3 241	96.8	108	3.2	3.55	2.93–4.30	3.56	2.94–4.32
NWFP	38 115	92.8	2 973	7.2	1.51	1.46–1.58	1.52	1.46–1.58
Punjab <sup>a</sup>	178 838	89.4	21 162	10.6	1.00	–	1.00	–
Sindh	62 128	85.4	10 606	14.6	0.70	0.68–0.71	0.71	0.70–0.73
Federal TBC	5 683	61.1	3 618	38.9	0.18	0.18–0.19	0.19	0.18–0.20

<sup>a</sup>Reference category.

<sup>b</sup>In the multivariate analysis, all variables in the univariate analysis were considered.

AJK = Azad Jammu and Kashmir region; FATA = Federally Administered Tribal Areas; NA = Northern Areas; NWFP = North-West Frontier Province; TBC = TB control centre.

OR = odds ratio; CI = confidence interval.