Table 1 Crude and adjusted associations between potential risk factors and death in patients with tuberculosis who started treatment in Mazandaran, Islamic Republic of Iran

Risk factors	Outcome					Univariate analysis			Multivariate analysis		
	Alive		Dead		P-value	Crude OR	95% CI	P-value	Adjusted OR	95% CI	P-value
	No.	%	No.	%							
Nationality											
Iranian	374	99.5	374	99.5	0.7	1	–	–	1	–	–
Other	2	0.5	2	0.5		1	0.14–7.09	1.0	1.38	0.17–10.8	0.7
Residence											
Urban	172	45.7	190	50.5	0.1	1	–	–	1	–	–
Rural	204	54.3	186	49.5		0.81	0.60–1.09	0.2	0.80	0.58–1.11	0.2
History of prison											
No	372	98.9	370	98.4	0.4	1	–	–	1	–	–
Yes	4	1.1	6	1.6		1.50	0.42–5.31	0.5	0.93	0.17–4.87	0.9
Type of tuberculosis case											
New	362	96.3	348	92.5		1	–	–	1	–	–
Transfer in	6	1.6	6	1.6		1.07	0.34–3.37	0.9	0.44	0.11–1.96	0.2
Relapse	8	2.1	19	5.0	0.04	2.58	1.07–6.18	0.03	1.22	0.18–8.15	0.8
Treatment after interruption	0	0.0	3	0.8		n/e	0	0.9	n/e	0	0.9
Treatment regimen											
Type 1	367	97.6	349	92.8	0.002	1	–	–	1	–	–
Type 2	9	2.4	27	7.2		3.25	1.47–7.17	0.004	2.12	0.37–12.2	0.4
Compliance with therapy											
Unknown	236	95.5	191	95.0	0.5	1	–	–	1	–	–
Yes	11	4.4	10	5.0		1.16	0.39–3.47	0.8	1.10	0.27–4.48	0.9
Immunosuppressant drugs											
No	370	98.4	349	92.8	< 0.001	1	–	–	1	–	–
Yes	6	1.6	27	7.2		5.20	1.99–13.5	0.001	3.96	1.49–10.6	0.006
HIV infection											
No	17	89.5	11	11.0	0.002	1.67	0.73–3.80	0.2	2.94	1.08–8.00	0.03
Yes	2	10.5	14	56.0		11.7	2.13–63.6	0.005	19.1	3.15–115	0.001
Renal complications											
No	372	98.9	353	93.9	< 0.001	1	–	–	1	–	–
Yes	4	1.1	23	6.1		5.75	1.98–16.6	0.001	6.81	1.82–25.5	0.004

Table 1 Crude and adjusted associations between potential risk factors and death in patients with tuberculosis who started treatment in Mazandaran, Islamic Republic of Iran (concluded)

Risk factors	Outcome				P-value	Univariate analysis			Multivariate analysis		
	Alive		Dead			Crude OR	95% CI	P-value	Adjusted OR	95% CI	P-value
	No.	%	No.	%							
COPD											
No	348	92.5	346	92.0	0.5	1	–	–	1	–	–
Yes	28	7.4	30	8.0		1.08	0.62–1.88	0.8	0.85	0.44–1.67	0.6
Multi-drug resistance											
No	373	99.2	373	99.2	0.6	1	–	–	1	–	–
Yes	3	0.8	3	0.8		1	0.20–4.95	1	0.67	0.08–5.47	0.711
Substance abuse											
No	356	94.9	352	93.6	0.3	1	–	–	1	–	–
Yes	19	5.1	24	6.4		1.29	0.68–2.43	0.4	1.08	0.51–2.30	0.822

n/e = not estimated; OR = odds ratio; CI = confidence interval; HIV = human immunodeficiency virus; COPD = chronic obstructive pulmonary disease.