

Supplement Table 1 Comparison of risk factors of 4th month sputum culture conversion and treatment outcome between patients with isolates that had MIC above and below the CART analysis-derived clinical breakpoints

Parameter	4 th month sputum culture conversion		Treatment outcome							
	PZA MIC CBPs		OFX MIC CBPs		CAP MIC CBPs		KAN MIC CBPs		PZA MIC CBPs	
	≤ 18.75	> 18.75	≤ 3	> 3	≤ 0.75	> 0.75	≤ 12	> 12	≤ 37.5	> 37.5
	(n=82)	(n=125)	(n=101)	(n=83)	(n=57)	(n=128)	(n=140)	(n=45)	(n=109)	(n=76)
<i>Sociodemographic characteristics</i>										
Age, mean, y (SD)	50.5 (18.8)	49.8 (15.6)	48.2 (15.4)	50.7 (18.1)	51.8 (16.3)	48.1 (16.9)	48.8 (16.6)	50.4 (17.4)	49.4 (17.4)	48.9 (16.0)
Female sex	33 (40.2)	36 (28.8)	35 (34.7)	26 (31.3)	16 (28.1)	45 (35.2)	49 (35.0)	12 (26.7)	42 (38.5)	19 (25.0)
Prior treated TB	18 (22.0)	54 (43.2) ^c	35 (34.7)	35 (42.2)	17 (29.8)	54 (42.2)	54 (38.6)	17 (37.8)	27 (24.8)	44 (57.9) ^b
Baseline Pre/XDR-TB	29	62	31	49	16	65	49	32	38	43

	(35.4)	(49.6) ^a	(30.7)	(59.0) ^b	(28.1)	(50.8) ^c	(35.0)	(71.1) ^b	(34.9)	(56.6) ^c
Beijing genotype	59	101	76	69	46	100	107	39	81	65
	(72.0)	(80.8)	(75.2)	(83.1)	(80.7)	(78.1)	(76.4)	(86.7)	(74.3)	(85.5)
Work out	11	16	18	8	10	16	21	5	18	8
	(13.4)	(12.8)	(17.8)	(9.6)	(17.5)	(12.5)	(15.0)	(11.1)	(16.5)	(10.5)
<i>Comorbidities</i>										
Diabetes mellitus	5	18	7	12	4	15	16	3	8	11
	(6.1)	(14.4)	(6.9)	(14.5)	(7.0)	(11.7)	(11.4)	(6.7)	(7.3)	(14.5)
Cardiovascular disease	14	19	18	12	11	19	25	5	18	12
	(17.1)	(15.2)	(17.8)	(14.5)	(19.3)	(14.8)	(17.9)	(11.1)	(16.5)	(15.8)
<i>Clinical indicators of disease severity</i>										
Cavity	16	40	26	24	14	36	34	16	23	27
	(19.5)	(32.0) ^a	(25.7)	(28.9)	(24.6)	(28.1)	(24.3)	(35.6)	(21.1)	(35.5) ^a
Severe pulmonary disease on	13	22	20	14	15	20	26	9	15	20
CXR	(15.9)	(17.6)	(19.8)	(16.9)	(26.3)	(15.6)	(18.6)	(20.0)	(13.8)	(26.3) ^a
Extrapulmonary disease	14	22	12	23	12	23	27	8	17	18

(17.1) (17.6) (11.9) (27.7)^c (21.1) (18.0) (19.3) (17.8) (15.6) (23.7)

Data are presented as No. (%) unless otherwise specified.

^a P ≤ 0.05

^b P ≤ 0.001

^c P ≤ 0.01

Note: CBPs: clinical breakpoints; CV: cutoff value