Table 8. Results of the univariate analysis in 490 U.S.-born patients from San Francisco (1991−2001): Host factors associated with three *M. tuberculosis* lineages

Risk factor	East-Asian lineage (N = 55) N	(%)	Indo-Oceanic lineage (N = 23) N	(%)	Euro-American lineage (N = 412) N	(%)	*P* value 3×2*	*P* values 2×2[†]
Male	41	(74.6)	21	(91.3)	336	(81.6)	0.205	
Age at diagnosis, median (range), yr	43	(2−88)	46	(2−75)	41	(1−89)	0.363[‡]	
Age groups:								
≤ 24 yr	3	(5.5)	1	(4.4)	16	(3.9)	0.856	
25−44 yr	28	(50.9)	9	(39.1)	250	(60.7)	0.059	0.206; 0.049; 0.059
≥ 45 yr	24	(43.6)	13	(56.5)	146	(35.4)	0.075	0.289; 0.049; 0.081
Ethnicity:								
Black	21	(38.2)	8	(34.8)	180	(43.7)	0.545	
White	22	(40.0)	10	(43.5)	177	(43.0)	0.914	
Hispanic	1	(1.8)	2	(8.7)	32	(7.8)	0.262	
Chinese	6	(10.9)	0	(0.0)	6	(1.5)	<0.001	<0.001; 1.0[§]; 0.001
Filipino	0	(0.0)	2	(8.7)	3	(0.7)	0.001	1.0[§]; 0.019[§]; 0.191[§]
HIV-positive	21	(38.2)	14	(60.9)	176	(42.7)	0.171	0.425; 0.080; 0.623
Homelessness	26/42[¶]	(61.9)	5/20[¶]	(25.0)	134/296[¶]	(45.3)	0.019	0.027; 0.065[§]; 0.569
Intravenous drug use	13/42[¶]	(31.0)	3/20[¶]	(15.0)	62/276[¶]	(22.5)	0.323	

Risk factor	East-Asian lineage ($N = 55$)		Indo-Oceanic lineage ($N = 23$)		Euro-American lineage ($N = 412$)		*P* value 3×2*	*P* values 2×2[†]
	N	(%)	*N*	(%)	*N*	(%)		
Non-intravenous drug use	19/41[¶]	(46.3)	5/20[¶]	(25.0)	104/275[¶]	(37.8)	0.266	
Alcohol abuse	17/42[¶]	(40.5)	6/20[¶]	(30.0)	101/280[¶]	(36.1)	0.717	
Sputum smear positive	26/46[¶]	(56.5)	12/19[¶]	(63.2)	168/362[¶]	(46.4)	0.179	0.229; 0.180; 0.097
Cavities on chest radiography	7	(12.7)	2	(8.7)	47	(11.4)	0.877	
Extra-pulmonary tuberculosis	6	(10.9)	3	(13.0)	45	(10.9)	0.951	

*χ^2 with two degrees of freedom.

[†] χ^2 pair-wise comparisons; *P* values are listed in the following order: East-Asian lineage versus all other lineages, Southeast-Asian lineage versus all other lineages, Euro-American lineage versus all other lineages.

[‡] Kruskal-Wallis test with two degrees of freedom.

[§] Fisher's two-tailed exact test.

[¶] Denominator is less due to missing values.