

Table 1 Comparison of characteristics of patients with community-acquired pneumonia who had a positive sputum culture with those patients who had no sputum collection

Characteristic	Patients with positive sputum culture (n = 171)		Patients with no sputum collection (n = 823)		P-value
	No.	%	No.	%	
<b>Sex</b>					
Male	97	56.7	412	50.1	0.113
Female	74	43.3	411	49.9	
<b>Smoking status</b>					
Smoker	46	26.9	179	21.7	0.002
Ex-smoker	69	40.4	254	30.9	
Non-smoker	36	21.1	278	33.8	
Not documented	20	11.7	112	13.6	
<b>Symptom</b>					
Fever	87	50.9	345	41.9	0.032
Shaking chills	51	29.8	165	20.0	0.005
Shortness of breath	121	70.8	509	61.8	0.028
Cough	150	87.7	512	62.2	< 0.001
Altered mental state	13	7.6	146	17.7	0.001
<b>Site, hospital</b>					
A	45	26.3	113	13.7	< 0.001
B	38	22.2	238	28.9	
C	34	19.9	132	16.0	
D	33	19.3	130	15.8	
E	13	7.6	133	16.2	
F	8	4.7	77	9.4	
<b>Risk class<sup>a</sup></b>					
I	2	1.2	11	1.3	0.178
II	43	25.1	140	17.0	
III	28	16.4	147	17.9	
IV	61	35.7	320	38.9	
V	37	21.6	205	24.9	
<b>Mortality</b>					
Died	9	5.3	114	13.9	0.002
Alive	162	94.7	709	86.1	

<sup>a</sup>Source: reference [6].