

**Table S9.** Multivariate analyses for risk factors for serious outcomes in adults hospitalized with non-pCAP or pCAP.

Covariate	Odds ratio (95% CI)		
	Death	ICU admission or requirement of mechanical ventilation	
	Non-pCAP <sup>1</sup>	Non-pCAP <sup>2</sup>	pCAP <sup>3</sup>
Immune compromised	<b>2.26</b> (1.82-2.82) <sup>4</sup>	<b>0.86</b> (0.71-1.04)	<b>0.72</b> (0.50-1.04)
Pneumococcal vaccine	-	<b>0.83</b> (0.69-1.00) <sup>4</sup>	-
Gender, male	<b>1.44</b> (1.15-1.80) <sup>4</sup>	<b>1.28</b> (1.08-1.52)	-
Antibiotics ≤4h	-	<b>1.47</b> (1.22-1.78) <sup>4</sup>	<b>1.42</b> (0.98-2.06)
Age			
• 50-64 years	<b>2.25</b> (1.26-4.01) <sup>4</sup>	<b>1.05</b> (0.80-1.38)	<b>1.47</b> (0.95-2.28) <sup>4</sup>
• 65-74 years	<b>2.60</b> (1.48-4.59) <sup>4</sup>	<b>0.90</b> (0.68-1.19)	<b>1.26</b> (0.78-2.04)
• 75-84 years	<b>3.08</b> (1.76-5.37) <sup>4</sup>	<b>0.55</b> (0.41-0.74) <sup>4</sup>	<b>1.00</b> (0.60-1.69)
• 85+ years	<b>5.72</b> (3.29-9.95) <sup>4</sup>	<b>0.37</b> (0.26-0.53) <sup>4</sup>	<b>0.57</b> (0.28-1.17)

<sup>1</sup>Based on 369 non-pCAP cases that succumbed to the illness and 4340 who survived. <sup>2</sup>Based on 663 non-pCAP cases that were admitted to the ICU or required mechanical ventilation and 3761 who did not. <sup>3</sup>Based on 223 pCAP cases that were admitted to the ICU or required mechanical ventilation and 565 who did not. <sup>4</sup>Significant at  $P \leq 0.05$ .