

Characteristics	Univariable analysis <sup>[1]</sup>		Multivariable analysis <sup>[1]</sup>		Multivariable analysis <sup>[1,2]</sup>	
	Crude HR (95%CI)	<i>p</i>	Adjusted HR (95%CI)	<i>p</i>	Adjusted HR (95%CI)	<i>p</i>
<b>Age</b>						
	1.006 (1.001-1.012)	<0.05	1.005 (0.998-1.011)	0.166	1.005 (0.998-1.011)	0.168
<b>Sex</b>						
Female	Ref	—	Ref	—	Ref	—
Male	1.015 (0.784-1.315)	0.907	1.025 (0.786-1.337)	0.855	1.025 (0.786-1.337)	0.856
<b>Region</b>						
Eastern Mediterranean Region	Ref	—	Ref	—	Ref	—
South-East Asian Region	0.339 (0.236-0.488)	<0.001	0.474 (0.280-0.800)	<0.01	0.449 (0.269-0.748)	<0.01
Western Pacific Region	0.326 (0.229-0.464)	<0.001	0.178 (0.102-0.309)	<0.001	0.168 (0.097-0.290)	<0.001
<b>World Bank income status</b>						
High income	Ref	—	Ref	—	Ref	—
Upper middle income	0.460 (0.335-0.631)	<0.001	0.341 (0.223-0.522)	<0.001	0.338 (0.221-0.515)	<0.001
Lower middle income	0.736 (0.524-1.034)	0.077	0.353 (0.211-0.592)	<0.001	0.329 (0.197-0.549)	<0.001
Low income	0.030 (0.004-0.221)	<0.001	0.025 (0.003-0.188)	<0.001	0.024 (0.003-0.183)	<0.001
<b>Primary admission reason</b>						
Infectious disease	Ref	—	Ref	—	Ref	—
Cardiovascular condition	0.563 (0.238-1.331)	0.191	0.492 (0.206-1.173)	0.110	0.498 (0.208-1.193)	0.118
Endocrine / Metabolic disorder	0.000 (0.000-0.000)	<0.001	0.000 (0.000-0.000)	<0.001	0.000 (0.000-0.000)	<0.001
Gastrointestinal disorder	0.896 (0.519-1.548)	0.693	0.894 (0.513-1.557)	0.691	0.883 (0.508-1.537)	0.661
Haematological disease	1.733 (0.836-3.594)	0.139	1.239 (0.595-2.580)	0.567	1.236 (0.594-2.571)	0.571
Neurological disease	1.201 (0.701-2.056)	0.505	1.202 (0.688-2.100)	0.518	1.230 (0.705-2.147)	0.466
Oncologic disorder	2.221 (1.424-3.463)	<0.001	1.558 (0.979-2.479)	0.061	1.524 (0.957-2.426)	0.076
Orthopaedic condition	1.031 (0.369-2.885)	0.953	0.886 (0.321-2.444)	0.815	0.891 (0.320-2.480)	0.825
Pulmonary disease	0.600 (0.325-1.107)	0.102	0.633 (0.337-1.189)	0.155	0.630 (0.335-1.184)	0.151
Renal disorder	2.074 (1.202-3.578)	<0.01	1.738 (0.991-3.047)	0.054	1.721 (0.982-3.019)	0.058
Trauma	1.446 (0.755-2.769)	0.266	1.563 (0.818-2.986)	0.176	1.595 (0.833-3.051)	0.159
Others	1.713 (1.112-2.639)	<0.05	1.193 (0.761-1.868)	0.442	1.193 (0.764-1.863)	0.437
<b>Charlson comorbidity index</b>						
	1.043 (0.977-1.113)	0.211				
<b>Severity score of disease</b>						
	0.890 (0.861-0.920)	<0.001	0.925 (0.889-0.963)	<0.001	0.925 (0.889-0.963)	<0.001
<b>ICU/HD admissions of enrolment</b>						
No	Ref	—	Ref	—	Ref	—
Yes	0.458 (0.352-0.596)	<0.001	0.699 (0.507-0.965)	<0.05	0.683 (0.498-0.935)	<0.05
<b>Types of pathogens</b>						
Gram-negative bacteria	Ref	—	Ref	—		
Gram-positive bacteria	1.140 (0.822-1.579)	0.432	1.075 (0.754-1.532)	0.690		
Fungi	0.511 (0.226-1.154)	0.106	0.518 (0.221-1.214)	0.130		
Polymicrobial	1.451 (1.019-2.067)	<0.05	1.317 (0.923-1.879)	0.128		
<b>Gram-negative bacteria</b>						
Third-generation cephalosporins-susceptible	Ref	—	Ref	—	Ref	—
Third-generation cephalosporins-resistant	1.069 (0.778-1.470)	0.681	0.973 (0.681-1.390)	0.881	1.001 (0.723-1.387)	0.993
Carbapenem-resistant	0.656 (0.462-0.932)	<0.05	0.620 (0.403-0.955)	<0.05	0.650 (0.433-0.975)	<0.05

Note: [1] stratified by infection types, [2] final model.  
Abbreviations: HR = Hazard Ratio, CI = Confidence Interval.