Age	001 	Adjusted HR (95%CI) 1.012 (1.007-1.018) Ref 1.035 (0.808-1.325) Ref 1.712 (0.971-3.018) 0.946 (0.535-1.674) Ref 1.172 (0.759-1.812) 1.781 (1.080-2.938) 0.722 (0.362-1.439) Ref 1.476 (0.840-2.596) 0.848 (0.519-1.384) 1.061 (0.661-1.703) 0.797 (0.478-1.327) 1.546 (1.018-2.350)	0.001	Ref 1.012 (1.006-1.017) Ref 1.017 (0.792-1.304) Ref 1.560 (1.029-2.365) 2.054 (1.290-3.268) 1.192 (0.622-2.288) 1.595 (0.903-2.817) 0.961 (0.590-1.564) 1.039 (0.644-1.677) 0.917 (0.552-1.522)	
1.012 (1.006-1.017) <0 Sex Female		Ref 1.035 (0.808-1.325) Ref 1.712 (0.971-3.018) 0.946 (0.535-1.674) Ref 1.172 (0.759-1.812) 1.781 (1.080-2.938) 0.722 (0.362-1.439) Ref 1.476 (0.840-2.596) 0.848 (0.519-1.384) 1.061 (0.661-1.703) 0.797 (0.478-1.327)	0.785 0.063 0.849 0.474 <0.05 0.354 0.176 0.509 0.806	Ref 1.017 (0.792-1.304) Ref 1.560 (1.029-2.365) 2.054 (1.290-3.268) 1.192 (0.622-2.288) 1.595 (0.903-2.817) 0.961 (0.590-1.564) 1.039 (0.644-1.677)	
Sex Ref Female 1.034 (0.800-1.335) 0. Region Ref 0.344 (0.800-1.335) 0. Eastern Mediterranean Region Ref 0.505 (0.304-0.839) 0. World Bank income status World Bank income status Ref 0.505 (0.304-0.839) 0. World Bank income status Ref 0.2584 (1.726-3.869) 0. 0. Upper middle income 2.584 (1.726-3.869) 0. 0. Low income 1.950 (1.049-3.625) 0. Primary admission reason Infectious disease Ref Cardiovascular condition 1.702 (0.943-3.070) 0. Gastrointestinal disorder 0.988 (0.603-1.620) 0. Neurological disease 1.087 (0.656-1.800) 0. Oncologic disorder 0.620 (0.374-1.027) 0. Pulmonary disease 2.408 (1.548-3.747) 0. Renal disorder 1.216 (0.669-2.211) 0. Trauma 1.363 (0.743-2.500) 0. Others 1.191 (0.791-1.793) 0. Charlson comorbidity		Ref 1.035 (0.808-1.325) Ref 1.712 (0.971-3.018) 0.946 (0.535-1.674) Ref 1.172 (0.759-1.812) 1.781 (1.080-2.938) 0.722 (0.362-1.439) Ref 1.476 (0.840-2.596) 0.848 (0.519-1.384) 1.061 (0.661-1.703) 0.797 (0.478-1.327)	0.785 0.063 0.849 0.474 <0.05 0.354 0.176 0.509 0.806	Ref 1.017 (0.792-1.304) Ref 1.560 (1.029-2.365) 2.054 (1.290-3.268) 1.192 (0.622-2.288) 1.595 (0.903-2.817) 0.961 (0.590-1.564) 1.039 (0.644-1.677)	
Ref Male 1.034 (0.800-1.335) 0.508 0.800 0.800 0.305 0.800 0.305 0.800 0.505 0.304-0.839 0.505 0.304-0.839 0.505 0.304-0.839 0.505 0.304-0.839 0.505 0.304-0.839 0.505 0.304-0.839 0.505 0.304-0.839 0.505 0.304-0.839 0.505 0.304-0.839 0.505 0.304-0.839 0.505 0.304-0.839 0.505 0.304-0.839 0.505 0.304-0.839 0.505 0.304-0.839 0.505 0.304-0.839 0.505 0.304-0.839 0.505 0.304-0.839 0.505 0.505 0.304-0.839 0.505 0.505 0.304-0.839 0.505		Ref 1.712 (0.971-3.018) 0.946 (0.535-1.674) Ref 1.172 (0.759-1.812) 1.781 (1.080-2.938) 0.722 (0.362-1.439) Ref 1.476 (0.840-2.596) 0.848 (0.519-1.384) 1.061 (0.661-1.703) 0.797 (0.478-1.327)	0.063 0.849 0.474 <0.05 0.354 0.176 0.509 0.806	Ref 1.560 (1.029-2.365) 2.054 (1.290-3.268) 1.192 (0.622-2.288) 1.595 (0.903-2.817) 0.961 (0.590-1.564) 1.039 (0.644-1.677)	
Male 1.034 (0.800-1.335) 0. Region Eastern Mediterranean Region Ref South-East Asian Region 1.254 (0.759-2.073) 0. Western Pacific Region 0.505 (0.304-0.839) World Bank income status Ref 1.000 (0.304-0.839) World Bank income status Ref 1.000 (0.304-0.839) World Bank income status Ref 1.000 (0.304-0.839) <0.000 (0.304-0.839)		Ref 1.712 (0.971-3.018) 0.946 (0.535-1.674) Ref 1.172 (0.759-1.812) 1.781 (1.080-2.938) 0.722 (0.362-1.439) Ref 1.476 (0.840-2.596) 0.848 (0.519-1.384) 1.061 (0.661-1.703) 0.797 (0.478-1.327)	0.063 0.849 0.474 <0.05 0.354 0.176 0.509 0.806	Ref 1.560 (1.029-2.365) 2.054 (1.290-3.268) 1.192 (0.622-2.288) 1.595 (0.903-2.817) 0.961 (0.590-1.564) 1.039 (0.644-1.677)	
Region Ref South-East Asian Region 1.254 (0.759-2.073) 0. Western Pacific Region 0.505 (0.304-0.839) 0. World Bank income status Ref 0.505 (0.304-0.839) 0. High income Ref 0.505 (0.304-0.839) 0. Upper middle income Ref 0.505 (0.304-0.839) 0. Lowincome 2.584 (1.726-3.869) 0. Lower middle income 2.895 (1.857-4.514) 0. Low income 1.950 (1.049-3.625) 0. Primary admission reason Ref 0.049-3.625) 0. Infectious disease Ref 0.049-3.625) 0. Primary admission reason 1.702 (0.943-3.070) 0. Gastrointestinal disorder 0.988 (0.603-1.620) 0. Neurological disease 1.087 (0.656-1.800) 0. Oncologic disorder 0.620 (0.374-1.027) 0. Pulmonary disease 2.408 (1.548-3.747) <0		Ref 1.712 (0.971-3.018) 0.946 (0.535-1.674) Ref 1.172 (0.759-1.812) 1.781 (1.080-2.938) 0.722 (0.362-1.439) Ref 1.476 (0.840-2.596) 0.848 (0.519-1.384) 1.061 (0.661-1.703) 0.797 (0.478-1.327)	0.063 0.849 0.474 <0.05 0.354 0.176 0.509 0.806	Ref 1.560 (1.029-2.365) 2.054 (1.290-3.268) 1.192 (0.622-2.288) 1.595 (0.903-2.817) 0.961 (0.590-1.564) 1.039 (0.644-1.677)	
Eastern Mediterranean Region South-East Asian Region Western Pacific Region World Bank income status High income Upper middle income Lower middle income Low income Infectious disease Cardiovascular condition Gastrointestinal disorder Neurological disease Oncologic disorder Pulmonary disease Renal disorder Pulmonary disease Renal disorder 1.216 (0.669-2.211) Trauma Others Charlson comorbidity index Severity score of disease ILCU/HD admissions of enrolment No Ref 1.254 (0.759-2.073) 0.505 (0.304-0.839) 0.505 (0.904-3.625	377 0.01 — 0001 0001 0.05 — 078 963 746 064 0001	1.712 (0.971-3.018) 0.946 (0.535-1.674) Ref 1.172 (0.759-1.812) 1.781 (1.080-2.938) 0.722 (0.362-1.439) Ref 1.476 (0.840-2.596) 0.848 (0.519-1.384) 1.061 (0.661-1.703) 0.797 (0.478-1.327)	0.063 0.849 —— 0.474 <0.05 0.354 —— 0.176 0.509 0.806	1.560 (1.029-2.365) 2.054 (1.290-3.268) 1.192 (0.622-2.288) 1.595 (0.903-2.817) 0.961 (0.590-1.564) 1.039 (0.644-1.677)	<0.01 0.596 0.108 0.872 0.875
South-East Asian Region 1.254 (0.759-2.073) 0.505 (0.304-0.839) <	377 0.01 — 0001 0001 0.05 — 078 963 746 064 0001	1.712 (0.971-3.018) 0.946 (0.535-1.674) Ref 1.172 (0.759-1.812) 1.781 (1.080-2.938) 0.722 (0.362-1.439) Ref 1.476 (0.840-2.596) 0.848 (0.519-1.384) 1.061 (0.661-1.703) 0.797 (0.478-1.327)	0.063 0.849 —— 0.474 <0.05 0.354 —— 0.176 0.509 0.806	1.560 (1.029-2.365) 2.054 (1.290-3.268) 1.192 (0.622-2.288) 1.595 (0.903-2.817) 0.961 (0.590-1.564) 1.039 (0.644-1.677)	<0.01 0.596 0.108 0.872 0.875
Western Pacific Region 0.505 (0.304-0.839) World Bank income status High income Ref Upper middle income 2.584 (1.726-3.869) <0	.01 	Ref 1.172 (0.759-1.812) 1.781 (1.080-2.938) 0.722 (0.362-1.439) Ref 1.476 (0.840-2.596) 0.848 (0.519-1.384) 1.061 (0.661-1.703) 0.797 (0.478-1.327)	0.849 0.474 <0.05 0.354 0.176 0.509 0.806	1.560 (1.029-2.365) 2.054 (1.290-3.268) 1.192 (0.622-2.288) 1.595 (0.903-2.817) 0.961 (0.590-1.564) 1.039 (0.644-1.677)	<0.01 0.596 0.108 0.872 0.875
World Bank income Ref Upper middle income 2.584 (1.726-3.869) <0	001 001 005 078 963 746 064 001	Ref 1.172 (0.759-1.812) 1.781 (1.080-2.938) 0.722 (0.362-1.439) Ref 1.476 (0.840-2.596) 0.848 (0.519-1.384) 1.061 (0.661-1.703) 0.797 (0.478-1.327)	0.474 <0.05 0.354 0.176 0.509 0.806	1.560 (1.029-2.365) 2.054 (1.290-3.268) 1.192 (0.622-2.288) 1.595 (0.903-2.817) 0.961 (0.590-1.564) 1.039 (0.644-1.677)	<0.01 0.596 0.108 0.872 0.875
High income	001 0.05 	1.172 (0.759-1.812) 1.781 (1.080-2.938) 0.722 (0.362-1.439) Ref 1.476 (0.840-2.596) 0.848 (0.519-1.384) 1.061 (0.661-1.703) 0.797 (0.478-1.327)	<0.05 0.354 — 0.176 0.509 0.806	1.560 (1.029-2.365) 2.054 (1.290-3.268) 1.192 (0.622-2.288) 1.595 (0.903-2.817) 0.961 (0.590-1.564) 1.039 (0.644-1.677)	<0.01 0.596 0.108 0.872 0.875
Upper middle income	001 0.05 	1.172 (0.759-1.812) 1.781 (1.080-2.938) 0.722 (0.362-1.439) Ref 1.476 (0.840-2.596) 0.848 (0.519-1.384) 1.061 (0.661-1.703) 0.797 (0.478-1.327)	<0.05 0.354 — 0.176 0.509 0.806	1.560 (1.029-2.365) 2.054 (1.290-3.268) 1.192 (0.622-2.288) 1.595 (0.903-2.817) 0.961 (0.590-1.564) 1.039 (0.644-1.677)	<0.01 0.596 0.108 0.872 0.875
Lower middle income 2.895 (1.857-4.514) <0	001 0.05 	1.781 (1.080-2.938) 0.722 (0.362-1.439) Ref 1.476 (0.840-2.596) 0.848 (0.519-1.384) 1.061 (0.661-1.703) 0.797 (0.478-1.327)	<0.05 0.354 — 0.176 0.509 0.806	2.054 (1.290-3.268) 1.192 (0.622-2.288) 1.595 (0.903-2.817) 0.961 (0.590-1.564) 1.039 (0.644-1.677)	<0.01 0.596 0.108 0.872 0.875
Low income	.05 078 963 746 064 001	0.722 (0.362-1.439) Ref 1.476 (0.840-2.596) 0.848 (0.519-1.384) 1.061 (0.661-1.703) 0.797 (0.478-1.327)	0.354 — 0.176 0.509 0.806	1.192 (0.622-2.288) 1.595 (0.903-2.817) 0.961 (0.590-1.564) 1.039 (0.644-1.677)	0.596 0.108 0.872 0.875
Primary admission reason Ref	 078 963 746 064 001	Ref 1.476 (0.840-2.596) 0.848 (0.519-1.384) 1.061 (0.661-1.703) 0.797 (0.478-1.327)	0.176 0.509 0.806	1.595 (0.903-2.817) 0.961 (0.590-1.564) 1.039 (0.644-1.677)	0.108 0.872 0.875
Infectious disease	963 746 064 001	1.476 (0.840-2.596) 0.848 (0.519-1.384) 1.061 (0.661-1.703) 0.797 (0.478-1.327)	0.509 0.806	0.961 (0.590-1.564) 1.039 (0.644-1.677)	0.872 0.875
Infectious disease	963 746 064 001	1.476 (0.840-2.596) 0.848 (0.519-1.384) 1.061 (0.661-1.703) 0.797 (0.478-1.327)	0.509 0.806	0.961 (0.590-1.564) 1.039 (0.644-1.677)	0.872 0.875
O.988 (0.603-1.620) O.988 (0.604-1.021) O.988 (0.606-1.800)	963 746 064 001	0.848 (0.519-1.384) 1.061 (0.661-1.703) 0.797 (0.478-1.327)	0.509 0.806	0.961 (0.590-1.564) 1.039 (0.644-1.677)	0.872 0.875
Neurological disease	746 064 .001	1.061 (0.661-1.703) 0.797 (0.478-1.327)	0.806	1.039 (0.644-1.677)	0.875
Oncologic disorder 0.620 (0.374-1.027) 0.00 Pulmonary disease 2.408 (1.548-3.747) <00	064 .001	0.797 (0.478-1.327)			
Oncologic disorder 0.620 (0.374-1.027) 0.00 Pulmonary disease 2.408 (1.548-3.747) <00	064 .001	0.797 (0.478-1.327)			
Pulmonary disease 2.408 (1.548-3.747) <0				0.91/(0.332 - 1.322)	0.737
Renal disorder	520	1.340 (1.010-2.330)	< 0.05	1.675 (1.100-2.551)	< 0.05
Trauma 1.363 (0.743-2.500) 0.000 Others 1.191 (0.791-1.793) 0.000 Charlson comorbidity index 0.993 (0.923-1.068) 0.000 Severity score of disease 1.185 (1.146-1.226) <000	020	1.066 (0.591-1.924)	0.831	1.216 (0.675-2.193)	0.515
Others	317	1.074 (0.609-1.895)	0.804	1.086 (0.612-1.924)	0.778
Charlson comorbidity index 0.993 (0.923-1.068) Severity score of disease 1.185 (1.146-1.226) ICU/HD admissions of enrolment No Ref	403	1.593 (1.057-2.401)	< 0.05	1.591 (1.058-2.393)	< 0.05
0.993 (0.923-1.068) 0. Severity score of disease 1.185 (1.146-1.226) < 0. ICU/HD admissions of enrolment No Ref		,		,	
Severity score of disease 1.185 (1.146-1.226) <0 ICU/HD admissions of enrolment No Ref	850				
1.185 (1.146-1.226) <0 ICU/HD admissions of enrolment No Ref					
ICU/HD admissions of enrolment No Ref	.001	1.124 (1.084-1.165)	< 0.001	1.136 (1.095-1.177)	< 0.001
No		1112 (1100 / 11100)	0.001	11100 (110)0 111,7)	0.001
	_	Ref		Ref	
Yes 2.103 (1.619-2.731) <0	.001	1.370 (1.034-1.815)	< 0.05	1.361 (1.024-1.808)	< 0.05
Types of pathogens	.001	1.570 (1.051 1.015)	10.05	1.301 (1.021 1.000)	10.03
Monomicrobial Ref		Ref		Ref	
	.001	1.331 (1.009-1.754)	< 0.05	1.395 (1.058-1.839)	< 0.05
Enterobacterales	.001	1.331 (1.007-1.737)	·0.03	1.373 (1.030-1.037)	\0.UJ
Third-generation cephalosporin-susceptible Ref	_	Ref		Ref	
		1.782 (1.349-2.355)	< 0.001	1.946 (1.475-2.568)	< 0.001
Note: [1] stratified by infection types, [2] final model.	001		\0.001	1.740 (1.4/3-2.300)	\U.UU 1
Note: [1] stratified by infection types, [2] final model. Abbreviations: HR = Hazard Ratio, CI = Confidence Interval.	.001	1.702 (1.51) 2.555)			