

Supplementary Table 1. Four models of multivariate analysis of factors associated with early mortality in gram negative bacteremia by logistic regression

Variables	Model 1	Model 2	Model 3	Model 4
	Adjusted odds ratio (95% CI)	Adjusted odds ratio (95% CI)	Adjusted odds ratio (95% CI)	Adjusted odds ratio (95% CI)
Age (years)	1.052 (0.979-1.131)	1.087 (0.978-1.209)	1.097 (0.983-1.224)	1.096 (0.979-1.226)
Gender				
Male	1.000	1.000	1.000	1.000
Female	0.517 (0.100-2.671)	0.184 (0.012-2.747)	0.219 (0.015-3.151)	0.915 (0.061-13.802)
BMI (kg/m ²)	1.015 (0.840-1.228)	0.907 (0.645-1.276)	0.895 (0.638-1.256)	1.158 (0.851-1.577)
Charlson index	1.393 (0.969-2.004)	1.166 (0.675-2.014)	1.239 (0.693-2.213)	1.618 (0.813-3.218)
Admission duration before the onset of bacteremia (days)	0.999 (0.936-2.004)	1.008 (0.928-1.095)	1.005 (0.913-1.106)	0.978 (0.890-1.074)
History of ICU stay before the onset of bacteremia				
Yes	8.185 (0.178-76.135)	9.587 (0.079-1164.857)	9.377 (0.056-1578.762)	77.370 (0.193-31089.796)
No	1.000	1.000	1.000	1.000
Health care associated infection				
Yes	2.168 (0.370-12.696)	4.358 (0.255-74.628)	3.417 (0.194-60.094)	4.179 (0.275-63.585)
No	1.000	1.000	1.000	1.000
MDR bacterial infection				
Yes	2.300 (0.377-14.015)	3.126 (0.232-42.187)	3.014 (0.218-41.608)	0.535 (0.031-9.280)
No	1.000	1.000	1.000	1.000
SOFA score	1.637 (1.227-2.184) ^a	2.236 (1.241-4.029) ^c	2.161 (1.239-3.770) ^f	2.244 (1.312-3.837) ⁱ
Platelet count – day 1 (10 ³ /uL)	0.997 (0.988-1.005)	1.000 (0.987-1.013)		
Platelet count – day 3 (10 ³ /uL)			0.994 (0.976-1.011)	0.998 (0.981-1.016)
DN – day 1 (%)	1.074 (1.005-1.148) ^b	1.163 (1.021-1.325) ^d	1.158 (1.016-1.319) ^g	
DN group				
DN 1 < 7.6%				1.000
DN 1 ≥ 7.6%				305.181 (1.725-53983.520) ^j
Trend of DN				
Day 1 > day 3		1.000	1.000	1.000
Day 3 ≥ day 1		74.241 (1.626-3389.881) ^e	58.786 (1.297-2664.400) ^h	77.774 (1.897-3188.046) ^k
AUC	0.949	0.980	0.983	0.987

BMI, body mass index; ICU, intensive care unit; MDR, multidrug resistant; SOFA, sequential organ failure assessment; DN, delta neutrophil index; CI, confidence interval; AUC, area under curve. ^aP-value=0.001. ^bP-value=0.036. ^cP-value=0.007. ^dP-value=0.027. ^eP-value=0.027. ^fP-value=0.028. ^gP-value=0.036. ^hP-value=0.003. ⁱP-value=0.030. ^jP-value=0.022.