

Supplementary Table 2. Sensitivity analysis of risk factors for detection of MDR pathogen in 5,028 sepsis patients presented via the emergency department

Variables	OR [95% CI]	<i>P</i>	Adjusted OR [95% CI]	<i>P</i>
Age, years	1.01 [1.00–1.02]	<0.001	1.00 [0.99–1.01]	0.927
Comorbidities				
Chronic neurological disease	1.72 [1.49–2.00]	<0.001	1.22 [1.03–1.44]	0.024
Solid organ malignancy	0.86 [0.75–0.99]	0.041	0.94 [0.80–1.11]	0.483
ECOG PS				
0	Reference		Reference	
1	1.25 [0.96–1.63]	0.104	1.20 [0.91–1.59]	0.205
2	1.61 [1.22–2.10]	0.001	1.46 [1.09–1.95]	0.010
3	2.08 [1.62–2.67]	<0.001	1.51 [1.14–2.01]	0.004
4	2.57 [2.01–3.29]	<0.001	1.61 [1.20–2.16]	0.002
Site of primary infection				
Pulmonary	0.76 [0.67–0.87]	<0.001	1.09 [0.89–1.34]	0.387
Abdominal	0.82 [0.70–0.97]	0.017	1.42 [1.14–1.80]	0.002
Urinary tract	2.99 [2.57–3.49]	<0.001	3.35 [2.72–4.13]	<0.001
Skin/soft tissue	1.55 [1.09–2.20]	0.015	2.46 [1.66–3.67]	<0.001
Region of center				
Central region	Reference		Reference	
Southern region	0.81 [0.70–0.93]	0.004	0.82 [0.70–0.95]	0.011
Jeju-do	0.88 [0.63–1.22]	0.427	0.78 [0.54–1.10]	0.156
Hospitalization (≥ 2 days) within 90 days	1.89 [1.65–2.16]	<0.001	1.45 [1.21–1.73]	<0.001
Administration of antibiotics or chemotherapy within 30 days	1.37 [1.19–1.58]	<0.001	1.23 [1.04–1.46]	0.016
Wound care within 30 days	2.06 [1.25–3.38]	0.004	1.41 [0.83–2.41]	0.202
Onset setting				
Community-acquired	Reference		Reference	
Nursing home-acquired	1.98 [1.57–2.50]	<0.001	1.59 [1.22–2.08]	0.001
Long-term-care hospital-acquired	2.64 [2.25–3.10]	<0.001	1.62 [1.31–2.00]	<0.001

Abbreviations: OR, odds ratio; CI, confidence interval; ECOG PS, Eastern Cooperative Oncology Group Performance Status.