

**Table 3 Multivariable logistic regression analysis with hospital mortality as the dependent variable**

Variable	Crude OR (95%CI)	P	Adjusted OR (95% CI)	P	Effect size
Age >60 years	2 (1.78–2.24)	<0.001	0.50 (0.44–0.57)	<0.001	0.99
Female sex	1.10 (0.98–1.23)	0.98	0.87 (0.77–0.99)	0.34	0.97
Comorbidity	0.60 (0.53–0.68)	<0.001	1.46 (1.28–1.65)	<0.001	0.99
<b>Type of infection</b>					
VAE	0.37 (0.23–0.59)	<0.001	0.75 (0.38–1.48)	0.40	0.56
BSI	0.38 (0.30–0.49)	<0.001	0.86 (0.56–1.31)	0.48	0.43
UTI	0.79 (0.65–0.96)	0.02	0.48 (0.29–0.82)	0.007	0.99
SSI	1.26 (0.96–1.66)	0.84	0.48 (0.32–0.72)	<0.001	0.079
SST	1.16 (0.99–1.36)	0.55	1.79 (1.17–2.73)	0.006	0.13
PNE	0.74 (0.52–1.069)	0.11	0.70 (0.45–1.092)	0.11	0.92
<b>Microorganisms</b>					
<i>Staphylococcus aureus</i>	0.59 (0.40–0.87)	0.009	0.62 (0.41–0.93)	0.02	0.98
<i>Staphylococcus epidermidis</i>	0.74 (0.45–1.20)	0.22	0.80 (0.47–1.35)	0.40	0.56
Co-NS <sup>a</sup>	0.68 (0.46–1.003)	0.05	0.74 (0.49–1.12)	0.16	0.89
<i>Streptococcus</i> spp.	0.76 (0.43–1.35)	0.36	0.92 (0.50–1.70)	0.81	0.43
<i>Enterococcus</i> spp.	1.13 (0.79–1.61)	0.48	1.19 (0.81–1.74)	0.36	0.63
<i>Acinetobacter</i> spp.	1.51 (1.122–2.051)	0.007	1.40 (1.01–1.93)	0.039	0.97
<i>Klebsiella</i> spp.	1.73 (1.26–2.38)	0.001	1.53 (1.09–2.15)	0.013	0.15
<i>Escherichia coli</i>	1.13 (0.80–1.60)	0.46	1.12 (0.77–1.63)	0.53	0.36
<i>Pseudomonas</i> spp.	1.86 (1.32–2.61)	<0.0001	1.93 (1.34–2.78)	<0.0001	0.99
<i>Candida</i> spp.	1.80 (1.30–2.50)	<0.0001	1.99 (1.37–2.89)	<0.0001	0.99

<sup>a</sup>Includes *Staphylococcus saprophyticus*, *Staphylococcus haemolyticus*, *Staphylococcus lugdunensis*, and *Staphylococcus simulans*. BSI = bloodstream infection; Co-NS = coagulase-negative staphylococci; PNE = pneumonia; SSI = surgical site infection; SST = skin and soft tissue infection; UTI = urinary tract infection; VAE = ventilator-associated event.