

Supplementary Table 5. Cox proportional HR for risk factors for in-hospital mortality (univariable analysis)

	Univariable analysis		
	HR	95% CI	p value
Age	1.02	1.01–1.04	0.002
Female (vs. male)	0.90	0.65–1.23	0.496
Clinical frailty scale	1.14	1.06–1.23	< 0.001
Dobutamine	1.12	0.81–1.55	0.486
Use of vasopressin	2.11	1.47–3.02	< 0.001
SOFA score	1.13	1.08–1.19	< 0.001
SAPS3	1.02	1.01–1.03	< 0.001
Lactate	1.08	1.05–1.11	< 0.001
Diabetes	0.93	0.67–1.29	0.667
Heart	1.09	0.77–1.55	0.622
Lung	0.93	0.58–1.51	0.773
Liver	0.68	0.40–1.15	0.151
Chronic kidney disease	1.74	1.15–2.61	0.008
Neurological disease	1.22	0.85–1.76	0.275
Solid cancer	1.15	0.80–1.64	0.463
Hematologic malignancy	2.12	1.12–4.04	0.022
Immunocompromised	0.54	0.20–1.47	0.229
Connective tissue disease	0.78	0.32–1.91	0.587
HOS (vs. COS)	0.99	0.72–1.35	0.941
Pathogen identified	0.77	0.55–1.08	0.133
Bacteremia	1.14	0.82–1.57	0.440
MDR pathogens	1.12	0.78–1.61	0.547
Catheter-associated infections	1.25	0.39–4.03	0.710
Pneumonia	1.22	0.84–1.77	0.304
Skin & soft tissue infections	0.98	0.42–2.30	0.960
Sepsis of unknown origin	1.52	0.80–2.89	0.196
Urinary tract infection	0.75	0.45–1.26	0.282
Antibiotic adequacy	1.19	0.69–2.06	0.537
MV	1.20	0.86–1.69	0.287
CRRT	1.49	1.08–2.04	0.014
Use of steroids	1.26	0.92–1.73	0.145
Lactate within 3 h	0.88	0.39–1.99	0.762
Blood culture within 3 h	0.79	0.57–1.08	0.135
Antibiotics within 3 h	0.93	0.68–1.28	0.671
Fluid within 3 h	1.18	0.82–1.70	0.376
Vasopressors within 3 h	0.84	0.61–1.16	0.296
Fluid balance (pre-ICU to ICU day 1)	1.11	0.99–1.24	0.072

HR, hazard ratio; CI, confidence interval; SOFA, Sequential Organ Failure Assessment; SAPS3, Simplified Acute Physiology Score 3; HOS, hospital-onset sepsis; COS, community-onset sepsis; MDR, multi-drug resistance; MV, mechanical ventilation; CRRT, continuous renal replacement therapy; ICU, intensive care unit.