

	Alive		Dead		Univariate			Included in SOFA, CLIF-OF or CLIF-ACLF	Multivariate			
	38		23		P value.	HR	95% CI		p	B	HR	95% CI
Age (years)	37.9	± 11.5	42.9	± 15.5	0.184	1.020	0.99 - 1.05	yes				
Sex (F)	25	65.8%	12	52.2%	0.228	0.604	0.27 - 1.37	no				
Grade HE 3-4	26	68.4%	12	52.2%	0.221	0.599	0.26 - 1.36	yes				
Vasopressor use	12	31.6%	21	91.3%	<0.001	13.322	3.11 - 57.1	yes				
Renal replacement therapy	19	50%	16	69.6%	0.211	1.764	0.73 - 4.29	yes				
Mechanical ventilation	18	47.4%	21	91.3%	0.005	8.037	1.88 - 34.4	yes				
GCS	13	3-15	8	3-15	0.038	0.914	0.84 - 0.99	yes				
Body temperature (°C)	37.0	32.2 - 39.2	35.0	32.6 - 39.1	0.023	0.762	0.60 - 0.96	no	0.539	0.131	1.14	0.75 - 1.73
Heart rate (bpm)	105	32 - 150	130	100 - 160	0.001	1.041	1.02 - 1.07	no	0.050	0.023	1.023	1.00 - 1.05
Mean arterial pressure (mmHg)	72	± 11.2	53	± 11.2	<0.001	0.928	0.89 - 0.96	yes				
Respiratory rate (bpm)	20	10-46	22	12-46	0.332	1.023	0.98 - 1.07	no				
PaCO2 (kPa)	4.32	± 0.95	5.01	± 1.45	0.017	1.436	1.07 - 1.93	yes				
PaO2 (kPa)	12.97	6.3 - 36.5	14.57	14.6 - 48.7	0.133	1.047	0.99 - 1.11	yes				
FiO2 (%)	28	21 - 100	40	28 - 100	0.002	1.023	1.00 - 1.04	yes				
PaO2/FiO2 (kPa)	53	± 19.6	34	± 24.1	0.070	0.98	0.96 - 1.00	yes				
A-a Gradient (mmHg)	39.55	-581	157.3	-642	0.008	1.003	1.00 - 1.01	no	0.765	-0.001	0.999	0.99 - 1.00
Norepinephrine dose (mcg/min)	0.00	0 - 37	21.33	0 - 130	<0.001	1.038	1.03 - 1.05	no	0.012	0.020	1.021	1.00 - 1.04
Ammonia (umol/L)	82	± 49.8	119	± 61.6	0.219	1.009	0.99 - 1.02	no				
White blood cells (10^9/L)	9.3	± 6.2	10.5	± 6.8	0.388	1.028	0.97 - 1.09	yes				
Platelets (10^9/L)	109	± 65.8	48	± 53.0	0.019	0.99	0.98 - 0.99	yes				
Hematocrit (L/L)	0.284	± 0.06	0.261	± 0.07	0.201	0.011	0.00 - 11.1	no				
Creatinine (umol/L)	157	43 - 825	204	85 - 663	0.809	1	0.99 - 1.00	yes				
Urea (mmol/L)	8	1.9 - 46.9	7.3	3.7 - 28.2	0.744	0.991	0.94 - 1.04	yes				
Total Bilirubin (umol/L)	70	3 - 581	93	16 - 414	0.812	1	0.99 - 1.00	yes				
Albumin (g/L)	28	± 6.17	21	± 4.66	<0.001	0.885	0.83 - 0.94	no	0.851	-0.008	0.992	0.91 - 1.08
C reactive protein (mg/L)	10.5	1-67	6	1 - 102	0.936	0.999	0.97 - 1.02	no				
INR	5.7	1.2 - 8	8	1.8 - 15	0.001	1.316	1.11 - 1.55	yes				
APTT (sec)	43	27 - 101	80	30 - 250	<0.001	1.015	1.01 - 1.02	no	0.963	0	1	0.99 - 1.02
pH	7.387	± 0.96	7.270	± 0.15	<0.001	0.001	0.00 - 0.03	no	0.505	-1.576	0.207	0.00 - 21.2
Sodium (mmol/L)	131	± 7.18	126	± 9.38	0.280	0.972	0.92 - 1.02	no				
Potassium (mmol/L)	3.4	2.3 - 5.2	3.6	3.0 - 5.6	0.015	2.408	1.18 - 4.90	no	0.328	-0.48	0.619	0.24 - 1.62
HCO3 (mmol/L)	20.3	± 4.81	18.0	± 5.11	0.064	0.921	0.85 - 1.01	no				
BE (mmol/L)	-3	± 5.86	-9.2	± 6.64	0.004	0.91	0.85 - 0.97	no	0.268	-0.049	0.952	0.87 - 1.04
Lactate (mmol/L)	3.8	0.8 - 14.6	8.8	2.6 - 20.3	<0.001	1.175	1.09 - 1.26	no	0.620	-0.037	0.963	0.83 - 1.12
SOFA	8.5	± 3.55	13.5	± 3.01	<0.001	1.313	1.17 - 1.48	-	0.762	-0.045	0.956	0.71 - 1.28
CLIF-C OF	11.5	9-16	15	12-16	<0.001	1.705	1.31 - 2.22	-	0.014	0.391	1.478	1.08 - 2.02
CLIF-C ACLF	45.3	± 14.3	58.7	± 9.3	<0.001	1.079	1.03 - 1.13	-	0.248	-0.035	0.965	0.91 - 1.03