

**Table S3. Univariate analysis for prediction of death for variables which were tested non-significant.\***

Variable	Death	p-value
Horovitz Index [mmHg]		0.053
Lactate [mmol/L]		0.066
TISS		0.066
SpO2 [%]		0.071
Respiratory diseases		0.081
Cardiovascular diseases		0.094
Pressor therapy		0.096
Gender		0.116
Respiratory rate [1/min]		0.152
Diastolic blood pressure [mmHg]		0.163
Chloride- [mmol/L]		0.167
PCO2 [mmHg]		0.172
Sodium+ [mmol/L]		0.173
MTA [nmol/l]		0.174
Mean arterial pressure [mmHg]		0.190
Volume balance [mL]		0.190
RASS		0.239
Charlson Comorbidity Index		0.253
SAM [nmol/l]		0.270
FiO2		0.271
Eosinophils [%]		0.333
WBC [10E9/L]		0.347
Systolic blood pressure [mmHg]		0.375
ScvO2 [%]		0.391
Diabetes		0.411
Ionized Calcium++ [mmol/L]		0.419
Shock index		0.431
Alkalosis (pH>7.45)		0.472
CRP [mg/L]		0.494
PCT [µg/L]		0.497
Mechanical ventilation (y)		0.505
Basophils [%]		0.525
INR		0.545
Glucose [mg/dL]		0.611
SIDa [mmol/L]		0.628
Bilirubin [mg/dL]		0.670
PO2 [mmHg]		0.762
Heart rate [1/min]		0.829
AST [U/L]		0.830
ALT [U/L]		0.835
Thrombocytes [10E9/L]		0.852
Neutrophils [%]		0.874

Lipase [U/L]	0.880
Hb [g/dL]	0.899
Monocytes [%]	0.972
Alcoholism	0.973
Temperature [°C]	0.993
Lymphocytes [%]	1.000

\*List of non-significant p-values in univariate testing for mortality prediction in descending order; Abbreviations: TISS=therapeutic intervention score scale; SpO2=peripheral capillary oxygen saturation; PCO2=partial pressure of carbon dioxide; MTA=methylthioadenosine; RASS=Richmond agitation sedation scale; SAM=S-adenosylmethionine; FiO2=fraction of inspired oxygen; WBC=white blood cell count; ScvO2=central venous oxygen saturation; CRP=c-reactive protein; PCT=procalcitonin; INR=international normalized ratio; SIDA=strong ion difference apparent; PO2=partial pressure of oxygen; AST=aspartate aminotransaminase; ALT=alanine aminotransaminase; Hb=hemoglobin.