Supplemental Table S2. Patient characteristics according to criteria developed in the derivation cohort

	Sum of points in developed criteria (one point is given when any of the following items are positive: CRP >2.0 mg/dl, albumin <3.0 g/dl, or a lymphocyte count <800/mm^3)								
	0	**≥1**		**<2**	**≥2**		**<3**	**3**	
Variables	**n=52**	**n=389**	**P value**	**n=157**	**n=284**	**P value**	**n=343**	**n=98**	**P value**
Age	65.6±17.7	71.9±15.1	0.0057	68.6±17.9	72.6±13.9	0.010	70.6±16.4	73.2±16.4	0.14
Age ≥75, n (%)	21 (40.4)	214 (55.2)	0.045	75 (48.1)	160 (56.3)	0.097	179 (52.3)	56 (57.1)	0.40
Male, n (%)	21 (40.4)	138 (34.5)	0.49	61 (38.9)	98 (34.5)	0.36	126 (36.7)	33 (33.7)	0.58
SOFA	4.5 (2, 7)	6 (3, 9)	0.0019	4 (2, 7.8)	7 (4, 10)	<0.0001	5 (3, 8.75)	8 (4, 11)	<0.0001
APACHEII	12.5 (10, 19)	17 (12, 23)	0.0005	15 (11, 20)	17.5 (13, 23)	0.0015	16 (11, 21)	19 (14, 26)	0.0021
Mechanical ventilation, n (%)	17 (32.7)	189 (48.6)	0.029	47 (29.9)	159 (56.0)	<0.0001	136 (49.7)	70 (71.4)	<0.0001
Duration (days)	5 (3, 6)	9 (5, 20)	0.0020	6 (4, 11)	10 (5, 23)	0.029	8.5 (5, 22)	9 (4, 16)	0.60
Blood purification, n (%)	3 (5.8)	95 (24.4)	0.0006	13 (8.3)	85 (29.9)	<0.0001	61 (17.8)	37 (37.8)	<0.0001
Duration (days)	3 (3, 3)	5 (2, 15)	0.58	3 (2, 11)	5 (2.5, 15)	0.28	4 (2, 13)	7 (3, 17)	0.17
Extracorporeal membrane oxygenation	0 (0)	10 (2.6)	0.11	2 (1.3)	8 (2.8)	0.28	8 (2.3)	2 (2.0)	0.86
Duration (days)	0 (0)	4.5 (2.8, 15)	1	3 (2, 4)	5.5 (3.3, 17)	0.29	5.5 (4, 17)	2 (1, 3)	0.089
Basic diseases on admission									
Sepsis n (%)	6 (11.5)	145 (37.3)	<0.0001	45 (28.7)	106 (37.3)	0.065	113 (32.9)	38 (38.8)	0.29
Cardiac failure, n (%)	10 (19.2)	57 (14.7)	0.40	24 (15.3)	43 (15.1)	0.97	52 (15.1)	15 (15.3)	0.97
Renal failure, n (%)	5 (9.6)	68 (17.5)	0.13	22 (14.1)	51 (18.0)	0.28	50 (14.6)	23 (23.5)	0.043
Respiratory failure, n (%)	6 (11.5)	52 (13.4)	0.71	20 (12.7)	38 (13.4)	0.85	44 (12.8)	14 (14.3)	0.71
Stroke, n (%)	2 (3.9)	40 (10.3)	0.10	14 (8.9)	28 (9.9)	0.75	32 (9.3)	10 (10.2)	0.80
Endocrine and metabolic disorder, n (%)	9 (17.3)	60 (15.4)	0.73	21 (13.4)	48 (16.9)	0.32	50 (14.6)	19 (19.4)	0.26
Trauma, n (%)	14 (26.9)	53 (13.6)	0.019	28 (17.8)	39 (13.7)	0.25	50 (14.6)	17 (17.4)	0.51
Post-scheduled operation, n (%)	0 (0)	24 (6.2)	0.013	4 (2.6)	20 (7.0)	0.035	16 (4.7)	8 (8.2)	0.20
Mortality, n (%)	0 (0)	100 (25.7)	<0.0001	5 (3.2)	95 (33.5)	<0.0001	63 (18.4)	37 (37.8)	<0.0001
Day on which patients died, days		21 (17, 33.8)		35 (18.5, 47)	21 (17, 32)	0.26	21 (17, 32)	20 (16.5, 42.5)	0.70
Length of ICU stay, days	6 (4, 9)	9 (5.5, 15)	0.0060	6 (4.3, 10)	10 (6, 15.8)	<0.0001	8 (5, 13)	13 (8, 17)	<0.0001
Length of hospital stay, days	20 (16, 28)	27 (18, 48)	0.0021	23 (18, 35)	27.5 (18, 53)	0.037	25 (17, 39)	36 (20, 60.0)	0.0003

Barthel index at hospital discharge	100 (50, 100)	10 (50, 95)	<0.0001	75 (20, 100)	40 (5, 90)	<0.0001*	65 (15, 100)	20 (0, 82.5)	0.0018
Laboratory findings on day 1									
CRP (mg/dl)	0.7 (0.1, 1.6)	4.9 (0.4, 14.1)	<0.0001	1.6 (0.4, 7.9)	5.0 (0.3, 14.4)	0.014	2.3 (0.3, 10.7)	5.9 (0.4, 17.0)	0.056
Albumin (g/dl)	3.8±0.5	3.1±0.8	<0.0001	3.4±0.8	3.0±0.8	<0.0001	3.2±0.8	2.9±0.8	0.0029
Lymphocytes (/μl)	1268 (776, 2125)	1056 (555, 1798)	0.045	1002 (723, 2110)	1003 (514, 1773)	0.013	1110 (663, 2006)	765 (372, 1484)	0.0004
Laboratory findings on day 14									
CRP (mg/dl)	0.5 (0.2, 0.9)	4.0 (1.6, 7.7)	<0.0001	0.7 (0.4, 1.4)	6.3 (3.3, 9.1)	<0.0001	2.2 (0.7, 6.3)	7.4 (3.9, 11.4)	<0.0001
Albumin (g/dl)	3.4±0.3	2.4±0.5	<0.0001	2.9±0.49	2.2±0.44	<0.0001	2.6±5.4	2.1±0.4	<0.0001
Lymphocytes (/μl)	1494 (1144, 1828)	1008 (687, 1337)	<0.0001	1342 (1093, 1732)	869 (584, 1220)	<0.0001	1215 (965, 1554)	538 (374, 670)	<0.0001

Abbreviations: CRP, C-reactive protein; SOFA, sequential organ failure assessment; APACHE II, acute physiology, chronic health evaluation; ICU, intensive care unit