

Table S1: Pairwise comparison of ROC curves for Deceased group

procalcitonina ~ leucocyte	
Difference between areas	0.196
Standard Error °	0.0916
95% Confidence Interval	0.0162 to 0.375
z statistic	2.137
Significance level	P = 0.033
procalcitonina ~ CCI	
Difference between areas	0.0907
Standard Error °	0.0703
95% Confidence Interval	-0.0472 to 0.229
z statistic	1.290
Significance level	P = 0.197
procalcitonina ~ SOFA	
Difference between areas	0.121
Standard Error °	0.0536
95% Confidence Interval	0.0160 to 0.226
z statistic	2.258
Significance level	P = 0.024
procalcitonina ~ qSOFA	
Difference between areas	0.131
Standard Error °	0.0595
95% Confidence Interval	0.0142 to 0.247
z statistic	2.199
Significance level	P = 0.028
leucocyte ~ CCI	
Difference between areas	0.287
Standard Error °	0.0872
95% Confidence Interval	0.116 to 0.457
z statistic	3.287
Significance level	P = 0.001
leucocyte ~ SOFA	
Difference between areas	0.317
Standard Error °	0.0648
95% Confidence Interval	0.190 to 0.444
z statistic	4.888
Significance level	P < 0.001
leucocyte ~ qSOFA	
Difference between areas	0.327
Standard Error °	0.0635
95% Confidence Interval	0.202 to 0.451
z statistic	5.142
Significance level	P < 0.001
CCI ~ SOFA	
Difference between areas	0.0304
Standard Error °	0.0482
95% Confidence Interval	-0.0640 to 0.125

z statistic	0.631
Significance level	P = 0.528
CCI ~ qSOFA	
Difference between areas	0.0401
Standard Error ^c	0.0533
95% Confidence Interval	-0.0643 to 0.145
z statistic	0.753
Significance level	P = 0.451
SOFA ~ qSOFA	
Difference between areas	0.00971
Standard Error ^c	0.0268
95% Confidence Interval	-0.0427 to 0.0622
z statistic	0.363
Significance level	P = 0.717

Table S2: Pairwise comparison of ROC curves for SIRS group

procalcitonina ~ leucocyte	
Difference between areas	0.418
Standard Error ^c	0.0508
95% Confidence Interval	0.319 to 0.518
z statistic	8.231
Significance level	P < 0.001
procalcitonina ~ SOFA	
Difference between areas	0.0474
Standard Error ^c	0.0293
95% Confidence Interval	-0.00998 to 0.105
z statistic	1.619
Significance level	P = 0.105
procalcitonina ~ qSOFA	
Difference between areas	0.0922
Standard Error ^c	0.0288
95% Confidence Interval	0.0358 to 0.149
z statistic	3.201
Significance level	P = 0.001
leucocyte ~ SOFA	
Difference between areas	0.371
Standard Error ^c	0.0497
95% Confidence Interval	0.274 to 0.469
z statistic	7.460
Significance level	P < 0.001
leucocyte ~ qSOFA	
Difference between areas	0.326
Standard Error ^c	0.0513
95% Confidence Interval	0.226 to 0.427
z statistic	6.365
Significance level	P < 0.001
SOFA ~ qSOFA	
Difference between areas	0.0448
Standard Error ^c	0.0264
95% Confidence Interval	-0.00704 to 0.0966

z statistic	1.694
Significance level	P = 0.090

Table S3: Pairwise comparison of ROC curves for Sepsis group

procalcitonina ~ leucocyte	
Difference between areas	0.0258
Standard Error ^c	0.0670
95% Confidence Interval	-0.105 to 0.157
z statistic	0.385
Significance level	P = 0.701
procalcitonina ~ SOFA	
Difference between areas	0.0795
Standard Error ^c	0.0885
95% Confidence Interval	-0.0940 to 0.253
z statistic	0.898
Significance level	P = 0.369
procalcitonina ~ qSOFA	
Difference between areas	0.0509
Standard Error ^c	0.0848
95% Confidence Interval	-0.115 to 0.217
z statistic	0.600
Significance level	P = 0.548
leucocyte ~ SOFA	
Difference between areas	0.0537
Standard Error ^c	0.0587
95% Confidence Interval	-0.0613 to 0.169
z statistic	0.916
Significance level	P = 0.360
leucocyte ~ qSOFA	
Difference between areas	0.0251
Standard Error ^c	0.0570
95% Confidence Interval	-0.0866 to 0.137
SOFA ~ qSOFA	
Difference between areas	0.0286
Standard Error ^c	0.0230
95% Confidence Interval	-0.0164 to 0.0736
z statistic	1.245
Significance level	P = 0.213

Table S4: Pairwise comparison of ROC curves for Septic Shock group

procalcitonina ~ leucocyte	
Difference between areas	0.234
Standard Error ^c	0.0685

95% Confidence Interval	0.0992 to 0.368
z statistic	3.407
Significance level	P = 0.001
procalcitonina ~ SOFA	
Difference between areas	0.0985
Standard Error °	0.0381
95% Confidence Interval	0.0239 to 0.173
z statistic	2.587
Significance level	P = 0.010
procalcitonina ~ qSOFA	
Difference between areas	0.0894
Standard Error °	0.0398
95% Confidence Interval	0.0114 to 0.167
z statistic	2.246
Significance level	P = 0.025
leucocyte ~ SOFA	
Difference between areas	0.332
Standard Error °	0.0589
95% Confidence Interval	0.216 to 0.448
z statistic	5.633
Significance level	P < 0.001
leucocyte ~ qSOFA	
Difference between areas	0.323
Standard Error °	0.0573
95% Confidence Interval	0.211 to 0.435
z statistic	5.640
Significance level	P < 0.001
SOFA ~ qSOFA	
Difference between areas	0.00909
Standard Error °	0.0160
95% Confidence Interval	-0.0222 to 0.0404
z statistic	0.569
Significance level	P = 0.569

Table S5: Spearmans' rho correlation between all variables

			varsta	procalcitonina	leucocite	SOFA	qSOFA	CCI	zileATI	Zile spitalizare
Spearm an's rho	varsta	Correlation Coefficient	1.000	0.251**	-0.153*	0.392**	0.291**	0.688**	0.102	0.164*
		Sig. (2-tailed)	.	0.001	0.045	0.000	0.000	0.000	0.179	0.031
		N	174	173	174	174	174	174	174	174
	procalcitonin a	Correlation Coefficient	0.251**	1.000	0.086	0.707**	0.667**	0.351**	0.433**	0.392**
		Sig. (2-tailed)	0.001	.	0.259	0.000	0.000	0.000	0.000	0.000
		N	173	173	173	173	173	173	173	173
	leucocite	Correlation Coefficient	-0.153*	0.086	1.000	0.157*	0.153*	-0.003	0.073	-0.027
		Sig. (2-tailed)	0.045	0.259	.	0.039	0.044	0.968	0.337	0.726
		N	174	173	174	174	174	174	174	174
	SOFA	Correlation Coefficient	0.392**	0.707**	0.157*	1.000	0.834**	0.500**	0.500**	0.343**
		Sig. (2-tailed)	0.000	0.000	0.039	.	0.000	0.000	0.000	0.000
		N	174	173	174	174	174	174	174	174
	qSOFA	Correlation Coefficient	0.291**	0.667**	0.153*	0.834**	1.000	0.418**	0.541**	0.340**
		Sig. (2-tailed)	0.000	0.000	0.044	0.000	.	0.000	0.000	0.000
		N	174	173	174	174	174	174	174	174
	CCI	Correlation Coefficient	0.688**	0.351**	-0.003	0.500**	0.418**	1.000	0.218**	0.125
		Sig. (2-tailed)	0.000	0.000	0.968	0.000	0.000	.	0.004	0.099
		N	174	173	174	174	174	174	174	174
	zileATI	Correlation Coefficient	0.102	0.433**	0.073	0.500**	0.541**	0.218**	1.000	0.362**
		Sig. (2-tailed)	0.179	0.000	0.337	0.000	0.000	0.004	.	0.000
		N	174	173	174	174	174	174	174	174
	zilespitalizare	Correlation Coefficient	0.164*	0.392**	-0.027	.343**	.340**	0.125	0.362**	1.000
		Sig. (2-tailed)	0.031	0.000	0.726	0.000	0.000	0.099	0.000	.
		N	174	173	174	174	174	174	174	174