

**Supplementary Table S1: Predictive factors of death**

Parameters	Levels	HR	IC95%	pvalue
<b>Demographics</b>				
Age		1.03	[1.02 - 1.04]	<0.0001
Age	< 65	1		
	≥ 65	2.38	[1.63 - 3.47]	<0.0001
Sex	Female	1		
	Male	1.16	[0.8 - 1.69]	0.43
<b>Comorbidities</b>				
Any of them		1.19	[1.04 - 1.36]	0.010
Diabetes		1.00	[0.62 - 1.62]	1.00
High blood pressure		1.06	[0.73 - 1.54]	0.76
Obesity		1.4	[0.8 - 2.44]	0.24
Cardiac failure		1.57	[1.05 - 2.36]	0.028
COPD		1.27	[0.71 - 2.26]	0.42
Tobacco		1.78	[1.12 - 2.83]	0.016
Renal failure		1.79	[1.12 - 2.85]	0.014
Digestive troubles		0.85	[0.54 - 1.33]	0.47
HIV		1.22	[0.45 - 3.32]	0.69
<b>COVID-19 presentation</b>				
Days since 1st Symptoms *		1.00	[0.99 - 1]	0.28
Cough		0.87	[0.6 - 1.26]	0.46
Dyspnea		1.2	[0.82 - 1.75]	0.35
Fever		0.78	[0.54 - 1.15]	0.21
Digestive troubles		0.85	[0.54 - 1.33]	0.47
Headaches		1.11	[0.63 - 1.94]	0.71
Myalgia		0.68	[0.36 - 1.31]	0.25
Agueusia		0.45	[0.18 - 1.1]	0.078
Anosmia		0.47	[0.19 - 1.15]	0.10
ThromboEmbolisms		0.94	[0.44 - 2.02]	0.87
<b>Hematology</b>				
Hemopathy	Benign	1		
	Cancerous	4.04	[1.77 - 9.2]	0.0009
Hematological diagnostic	Benign	1		
	Acute leukemia	3.21	[1.24 - 8.27]	0.016
	Chronic lymphoid	4.57	[1.97 - 10.61]	0.0004
	Chronic myeloid	3.53	[1.36 - 9.16]	0.009
	Myeloma	3.96	[1.6 - 9.78]	0.003
<b>Biological parameters</b>				
Log Neutrophils (/mm3)*		0.96	[0.88 - 1.04]	0.33
Log Lymphocytes (/mm3) *		0.94	[0.86 - 1.03]	0.18
Log Platelets (/mm3) *		0.87	[0.76 - 0.99]	0.029
Log Creatinin (μmol/L) *		1.61	[1.28 - 2.04]	<0.0001
Log C-reactive Pr (nmol/L)*		1.5	[1.22 - 1.86]	0.0002
Log LDH (UI/L)*		1.77	[1.25 - 2.51]	0.001
Log Ddimers (μg/L)*		1.25	[1.03 - 1.52]	0.023

\* numbers of missing values: Days since 1st Symptoms 11; Neutrophils 32; Lymphocytes 40; Platelets 21; Creatinine 24; C-reactive Pr 32; LDH 111; D-dimers 127