

## Markers of myocardial injury in the prediction of short-term COVID-19 prognosis

## SUPPLEMENTARY DATA

Table 1 of the supplementary data

Complications by abnormal hs-cTnT and NT-proBNP

	Total	Died	Mechanical ventilation	Other ventilatory support	Hospitalised in non-ICU wards	Discharged to a hospital-at-home program	<i>P</i>
	n = 651	n = 80	n = 47	n = 57	n = 416	n = 51	
hs-cTnT > 14ng/l	225 (34.6)	66 (82.5)	22 (46.8)	20 (35.1)	115 (27.6)	2 (3.92)	<.001
hs-cTnT ≤ 14ng/l	426 (65.4)	14 (17.5)	25 (53.2)	37 (64.9)	301 (72.4)	49 (96.1)	
	n = 506	n = 67	n = 43	n = 40	n = 308	n = 48	
NT-proBNP > 300pg/mL	183 (36.2)	58 (86.6)	20 (46.5)	15 (37.5)	86 (27.9)	4 (8.33)	<.001
NT-proBNP ≤ 300pg/mL	323 (63.8)	9 (13.4)	23 (53.5)	25 (62.5)	222 (72.1)	44 (91.7)	

hs-cTnT, high-sensitivity cardiac-specific troponin-T; NT-proBNP, N-terminal pro-B-type natriuretic peptide; ICU, intensive care unit.

Values are expressed as No. (%=

Table 2 of the supplementary data

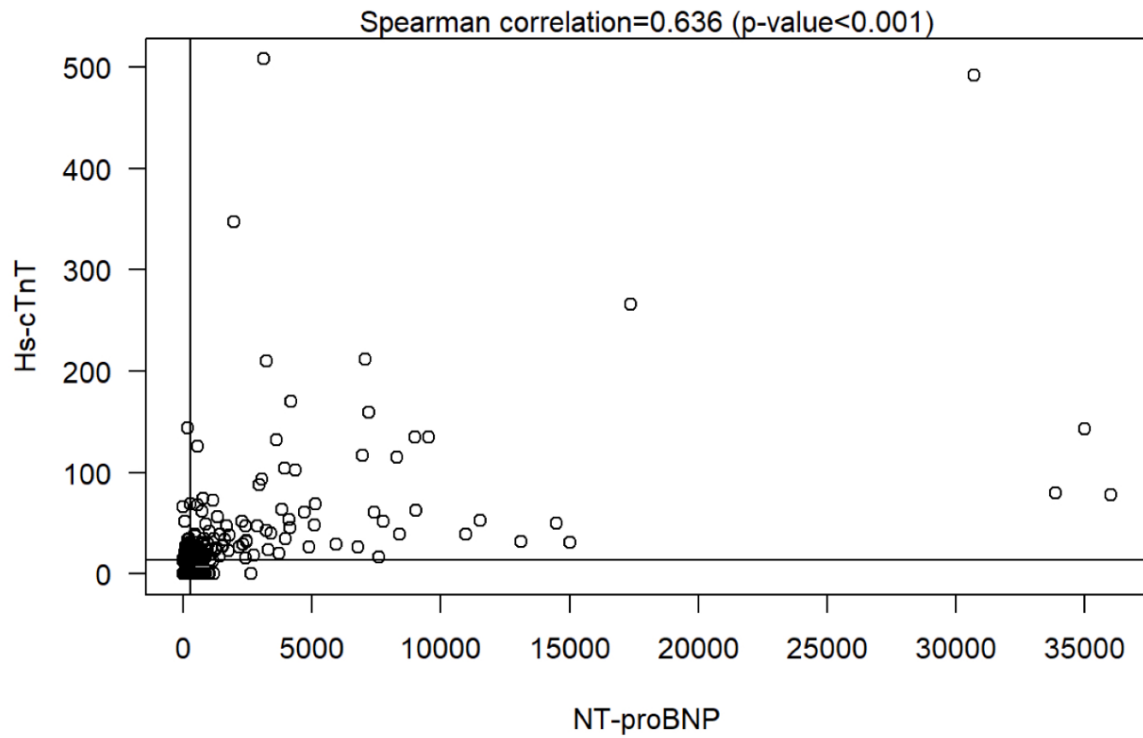
Diagnostic test accuracy for hs-cTnT and NT-proBNP and mortality and death or mechanical ventilation

	30 days			50 days		
	Estimate	95%CI, low	95%CI, upper	Estimate	95%CI, low	95%CI, upper
<b>Mortality</b>						
<i>hs-cTnT &gt; 14 ng/L</i>						
Sensitivity, %	86.95	78.99	94.90	78.76	68.29	89.22
Specificity, %	71.65	67.95	75.36	72.50	62.71	82.29
PPV, %	26.77	20.96	32.58	29.96	20.80	39.13
NPV, %	97.88	96.50	99.25	95.81	93.38	98.23
<i>NT-proBNP &gt; 300 pg/mL</i>						
Sensitivity, %	89.66	81.81	97.50	82.69	71.18	94.20
Specificity, %	71.01	66.79	75.23	68.52	56.12	80.92
PPV, %	28.68	22.09	35.28	30.52	20.28	40.76
NPV, %	98.14	96.67	99.62	95.95	92.86	99.04
<b>Death or mechanical ventilation</b>						
<i>hs-cTnT &gt; 14 ng/L</i>						
Sensitivity, %	71.43	63.31	79.55	70.73	62.68	78.78
Specificity, %	73.50	69.69	77.31	76.39	66.57	86.21
PPV, %	37.79	31.43	44.15	42.01	30.50	53.51
NPV, %	91.94	89.35	94.54	91.52	88.72	94.32
<i>NT-proBNP &gt; 300 pg/mL</i>						
Sensitivity, %	72.82	64.21	81.42	73.34	64.95	81.73
Specificity, %	73.18	68.83	77.53	68.09	54.75	81.43
PPV, %	41.15	33.99	48.30	39.23	27.65	50.82
NPV, %	91.27	88.18	94.36	90.09	86.30	93.88

95%CI, 95% confidence interval; hs-cTnT: high-sensitivity cardiac-specific troponin-T; NPV, negative predictive value; NT-proBNP, N-terminal pro-B-type natriuretic peptide; PPV, positive predictive value.

**Figure 1 of the supplementary data**

Correlation between NT-proBNP and hs-cTnT



hs-cTnT: high-sensitivity cardiac-specific troponin-T; NT-proBNP, N-terminal pro-B-type natriuretic peptide.