

## SUPPLEMENTARY FILE 7

**Sensitivity analyses in which the associations between vital signs and in-hospital mortality were investigated. Patients transferred to other hospitals from the ED were considered as deceased.**

	Total cohort
<b>Systolic blood pressure (mmHg)</b>	
>140*	1.00
121-140	1.14 (1.03-1.26)
101-120	1.63 (1.47-1.80)
81-100	1.72 (1.52-1.95)
0-80	1.98 (1.69-2.32)
<b>Diastolic blood pressure (mmHg)</b>	
>120*	1.00
101-120	0.73 (0.60-0.90)
81-100	0.67 (0.56-0.81)
61-80	0.71 (0.59-0.85)
0-60	0.97 (0.80-1.17)
<b>Mean Arterial blood pressure (mmHg)</b>	
>120*	1.00
101-120	0.86 (0.77-0.97)
81-100	0.98 (0.87-1.10)
61-80	1.22 (1.08-1.39)
0-60	1.76 (1.46-2.12)
<b>Peripheral oxygen saturation (%)</b>	
96-100*	1.00
91-95	1.31 (1.21-1.43)
86-90	1.92 (1.66-2.23)
81-85	2.58 (2.06-3.23)
0-80	3.97 (3.26-4.84)
<b>Respiratory rate (/min)</b>	
Not measured*	1.00
0-9	0.84 (0.50-1.41)
10-19	1.15 (1.03-1.29)
20-29	1.60 (1.42-1.81)
>30	2.56 (2.16-3.03)
<b>Heart rate (beats/min)</b>	
>125	1.89 (1.61-2.22)
101-125	1.59 (1.43-1.78)
76-100	1.12 (1.03-1.22)
51-75*	1.00
0-50	1.27 (1.01-1.60)
<b>Temperature (°C)</b>	
Not measured*	1.00
≥40	0.38 (0.23-0.60)
38-39	0.60 (0.52-0.68)
35-37	0.86 (0.79-0.94)
31-34	2.05 (1.53-2.75)
0-30	1.00 (0.36-2.81)

\* = reference category

# No events for this category

## **SUPPLEMENTARY FILE 7**