

Table 1 Characteristics of patients critically ill with confirmed COVID-19

Demographics	Patients with confirmed COVID-19 and 24h data (N=2249)		Patients with viral pneumonia (non-COVID-19), 2017-19 (N=4759)	
Age at admission (years) [N=2249]				
Mean (SD)	60.1	(13.1)	58.1	(17.4)
Median (IQR)	61	(52, 70)	61	(48, 71)
Sex, n (%) [N=2248]				
Female	607	(27.0)	2191	(46.0)
Male	1641	(73.0)	2568	(54.0)
Currently or recently pregnant, n (% of females) [N=581]				
Currently pregnant	2	(0.3)	40	(1.8)
Recently pregnant (within 6 weeks)	10	(1.7)	23	(1.0)
Not known to be pregnant	569	(97.9)	2128	(97.1)
Ethnicity, n (%) [N=1966]				
White	1273	(64.8)	4098	(88.8)
Mixed	23	(1.2)	41	(0.9)
Asian	272	(13.8)	262	(5.7)
Black	268	(13.6)	125	(2.7)
Other	130	(6.6)	91	(2.0)
Body mass index, n (%) [N=1926]				
<18.5	14	(0.7)	237	(5.1)
18.5-<25	498	(25.9)	1603	(34.4)
25-<30	688	(35.7)	1401	(30.0)
30-<40	592	(30.7)	1093	(23.4)
40+	134	(7.0)	332	(7.1)
Medical history				
Dependency prior to admission to acute hospital, n (%) [N=2046]				
Able to live without assistance in daily activities	1899	(92.8)	3489	(73.5)
Some assistance with daily activities	145	(7.1)	1146	(24.1)
Total assistance with all daily activities	2	(0.1)	115	(2.4)
Very severe comorbidities*, n (%) [N=2124]				
Cardiovascular	6	(0.3)	64	(1.3)
Respiratory	23	(1.1)	233	(4.9)
Renal	35	(1.6)	93	(2.0)
Liver	5	(0.2)	44	(0.9)
Metastatic disease	9	(0.4)	56	(1.2)
Haematological malignancy	24	(1.1)	211	(4.4)
Immunocompromise	49	(2.3)	403	(8.5)
Acute severity†				
Mechanically ventilated within first 24h, n (%) [N=2249]	1415	(62.9)	2023	(42.6)
APACHE II Score [N=2001]				
Mean (SD)	14.5	(5.1)	17.1	(6.2)
Median (IQR)	14	(11, 18)	17	(13, 21)

* See Definitions on page 15; † Based on data from the first 24 hours following commencement of management by the critical care team.