

**Table S1 clinical characteristics of patients admitted with SARS-CoV-2 to University Hospital Coventry and Warwickshire between 24/01/2020 and 13/04/2020. Results on this table obtained from a logistic regression analyses that was adjusted for age looking into different covariates in relation to intensive care (ICU) admission and mortality**

Patient Characteristics	All inpatients (321)	Hospital care		P-value based on association with hospital care	Mortality		P-value based on relationship with mortality	P-value based on association with mortality, adj. for age
		Standard ward-based care (277)	ICU admission (44)		Survivors at discharge (217)	Non-Survivors at discharge (104)		
<b>Age in years Median (IQR)</b>								
Age	73 (56-82)	75 (58-84)	59 (49-68)			80 (72-88)		
<b>Age category in years count (%)</b>								
<=18	2 (0.6%)	1 (0.4%)	1 (2.3%)		1 (0.5%)	1 (1%)		
19-40	23 (7.2%)	18 (6.5%)	5 (11.4%)		20 (9.2%)	3 (2.9%)		
41-65	98 (30.5%)	75 (27.1%)	23 (52.3%)	0.941	86 (39.6%)	12 (11.5%)	0.858	
>65	198 (61.7%)	183 (66.1%)	15 (34.1%)	0.026	110 (50.7%)	88 (84.6%)	0.011	
<b>Gender count (%)</b>								
Female	132 (41.1%)	121 (43.7%)	11 (25%)		90 (41.5%)	42 (40%)		
Male	189 (58.9%)	156 (56.3%)	33 (75%)	0.027	127 (58.5%)	62 (60%)	0.880	0.828
<b>Ethnicity count (%)</b>								
Caucasians	246 (76.6%)	220 (79.4%)	26 (59%)		161 (74.2%)	85 (81.7%)		
BAME	75 (23.3%)	57 (20.6%)	18 (40.9%)	0.008	56 (25.8%)	19 (18.2%)	0.097	0.542
<b>Clinical presentation count (%)</b>								
Fever	190 (59.1%)	164 (59.2%)	26 (59%)		145 (66.8%)	45 (43.2%)		
Shortness of breath	202 (62.9%)	166 (59.9%)	36 (81%)		129 (59.4%)	73 (70.1%)		
Cough	180 (56.0%)	154(55.6%)	26 (59%)		137 (63.1%)	43 (41.3%)		
Gastrointestinal (GI) symptoms	38 (11.8%)	32(11.6%)	6 (13.6%)		26 (12%)	12 (11.5%)		
Diarrhoea	13 (4%)	11 (4%)	2 (4.5%)		5 (2.3%)	8 (7.6%)		
Nausea & vomiting	15 (4.6%)	14 (5.1%)	1 (2.2%)		12 (5.5%)	3 (2.8%)		
Abdominal pain	15 (4.6%)	14 (5.1%)	1 (2.2%)		12 (5.5%)	3 (2.8%)		

<b>Comorbidities count (%)</b>								
Any	259 (80.6%)	226(%)	33 (75%)	0.276	171(%)	88 (84.6%)	0.226	0.662
Diabetes	64 (19.9%)	53 (19.1%)	11 (25%)	0.333	45 (20.7%)	19 (18.2%)	0.619	0.819
Hypertension	123 (38.3%)	106 (38.3%)	17 (38.6%)	0.852	83 (38.2%)	40 (38.4%)	0.881	0.251
Heart disease	86 (26.7%)	82 (29.6%)	4 (9%)	0.009	54 (24.9%)	32 (30.7%)	0.254	0.729
IBD	4 (1.2%)	4 (1.4%)	0 (0%)	0.985	2 (0.9%)	2 (1.9%)	0.456	0.563
Liver disease	14 (4.3%)	11 (4%)	3 (6.8%)	0.379	12 (5.5%)	2 (1.9%)	0.159	0.354
History of cancer	47 (14.6%)	40 (14.4%)	7 (15.9%)	0.925	28 (12.9%)	19 (18.2%)	0.285	0.770
<b>Admission laboratory findings Median (IQR)</b>								
Haemoglobin g/l	127 (110-138)	126 (110-137)	137 (117- 144)	0.035	128 (113-140)	124 (106.5-136.2)	0.125	0.600
Neutrophils (X10 <sup>9</sup> /L)	5.2 (3.5-8.9)	5.2 (3.3- 8.6)	6.8 (4.1-8.9)	0.291	5.0 (3.3-8.6)	6.1 (4.1-9.0)	0.047	0.258
Lymphocytes (X10 <sup>9</sup> /L)	0.9 (0.6-1.3)	0.9 (0.6-1.26)	0.8 (0.5- 1.44)	0.942	0.93 (0.6-1.3)	0.7 (0.5-1.0)	0.360	0.471
NLR	6.1 (3.6-10.3)	6 (3.4-10.2)	6.9 (4.9- 10.8)	0.814	5.7 (3.0-9.3)	7.2 (4.6-13.0)	0.028	0.198
Platelets (X10 <sup>9</sup> /L)	204 (145-275)	205 (145-271)	189 (149-328)	0.762	195 (145-265)	213 (145.5-282.2)	0.477	0.694
CRP mg/l	79 (32.5-162)	69.5 (29-142.5)	149 (64- 215)	0.000	61.5 (25.7-125)	129 (51– 222)	0.000	0.000
ALT U/l	23 (15-40)	22 (14.8- 34)	29 (19-54)	0.749	23 (15-35)	25 (15-43)	0.327	0.139
Albumin g/l	38 (34-40)	38.0 (34-40)	38 (34.7-40.2)	0.370	38 (34.2-41)	37 (32.0- 39.0)	0.002	0.005
Bilirubin mmol/l	8 (6-12)	8 (6-12)	8.0 (6.0- 10.7)	0.845	8.0 (5.3-12)	8.0 (6.0- 13.0)	0.345	0.517
Creatinine mmol/l	84 (68-122)	84 (68-123.2)	83.0 (64.7-107.2)	0.915	81 (66-114)	94 (70.0-162.0)	0.577	0.580