

**Table S1. Logistic regression to investigate association between SARS-CoV-2 status and aetiology**

		Known	Unknown	OR (univariable)	OR (multivariable)
SARS-CoV-2 status	SARS-CoV-2 negative	1107 (86.1)	178 (13.9)	-	-
	SARS-CoV-2 positive	66 (65.3)	35 (34.7)	3.30 (2.11-5.09, P<0.001)	5.34 (2.41-11.85, P<0.001)
Age	Mean (SD)	54.5 (18.1)	56.5 (17.8)	1.01 (1.00-1.01, P=0.141)	1.00 (0.98-1.01, P=0.815)
Ethnicity	Asian	56 (76.7)	17 (23.3)	-	-
	Black	8 (72.7)	3 (27.3)	1.24 (0.25-4.83, P=0.773)	3.35 (0.43-26.30, P=0.251)
	Other	147 (87.0)	22 (13.0)	0.49 (0.24-1.01, P=0.049)	0.49 (0.13-1.84, P=0.287)
	White	781 (85.2)	136 (14.8)	0.57 (0.33-1.04, P=0.057)	1.03 (0.36-2.91, P=0.955)
Smoker	No	749 (83.6)	147 (16.4)	-	-
	Yes	344 (88.2)	46 (11.8)	0.68 (0.47-0.96, P=0.034)	0.60 (0.33-1.10, P=0.099)
Admission BMI	Mean (SD)	28.5 (7.1)	27.0 (7.2)	0.97 (0.94-1.00, P=0.042)	0.95 (0.91-0.99, P=0.024)

OR, odds ratio; SD, standard deviation, BMI, body mass index.