

**Table S3. Binary logistic regression of risk factors for readmission**

Readmission within 12 months		No	Yes	OR (univariable)	OR (multivariable)
SARS-CoV-2 status	SARS-CoV-2 negative	1131 (85.8)	187 (14.2)	-	-
	SARS-CoV-2 positive	84 (86.6)	13 (13.4)	0.94 (0.49-1.66, P=0.830)	1.06 (0.50-2.27, P=0.880)
Age	Mean (SD)	55.6 (18.0)	49.0 (17.1)	0.98 (0.97-0.99, P<0.001)	0.98 (0.96-0.99, P<0.001)
Sex	Female	586 (87.2)	86 (12.8)	-	-
	Male	622 (84.5)	114 (15.5)	1.25 (0.92-1.69, P=0.149)	1.04 (0.72-1.50, P=0.840)
Premorbid ECOG Status	0	706 (84.8)	127 (15.2)	-	-
	1	273 (84.8)	49 (15.2)	1.00 (0.69-1.42, P=0.990)	1.64 (1.05-2.56, P=0.030)
	2	113 (88.3)	15 (11.7)	0.74 (0.40-1.27, P=0.297)	1.83 (0.90-3.71, P=0.094)
	3	47 (95.9)	2 (4.1)	0.24 (0.04-0.78, P=0.048)	0.31 (0.04-2.43, P=0.264)
	4	6 (75.0)	2 (25.0)	1.85 (0.27-8.15, P=0.453)	2.81 (0.50-15.63, P=0.239)
Aetiology	Alcohol	268 (76.6)	82 (23.4)	-	-
	Gallstones	589 (91.0)	58 (9.0)	0.32 (0.22-0.46, P<0.001)	0.42 (0.27-0.67, P<0.001)
	Idiopathic	194 (88.6)	25 (11.4)	0.42 (0.26-0.67, P<0.001)	0.54 (0.30-0.97, P=0.039)
	Others	131 (80.9)	31 (19.1)	0.77 (0.48-1.22, P=0.277)	0.90 (0.52-1.56, P=0.709)
	Post ERCP	33 (89.2)	4 (10.8)	0.40 (0.12-1.03, P=0.089)	0.47 (0.12-1.75, P=0.259)
Smoker	No	806 (87.8)	112 (12.2)	-	-
	Yes	320 (80.6)	77 (19.4)	1.73 (1.26-2.38, P=0.001)	1.19 (0.80-1.75, P=0.391)
ARDS	No	1002 (84.1)	190 (15.9)	-	-
	Yes	50 (92.6)	4 (7.4)	0.42 (0.13-1.05, P=0.101)	0.32 (0.11-0.96, P=0.043)

OR, odds ratio; SD, standard deviation; ARDS, acute respiratory distress syndrome; ECOG; Eastern Cooperative Oncology Group.