

Supplementary Table 6. Univariate and multivariable logistic regression analyses for 90-day postoperative mortality after standard surgery

	Univariable		Multivariable	
	Unadjusted OR (95% CI)	P value	Adjusted OR (95% CI)	P value
Timing of diagnosis of COVID-19 prior to surgery				
No preoperative COVID-19	Reference		Reference	
0–4 weeks	2.68 (1.40, 5.11)	0.003*	3.13 (1.61, 6.10)	0.008*
5–8 weeks	2.19 (1.19, 4.04)	0.012*	2.34 (1.25, 4.38)	0.008
>8 weeks	0.87 (0.54, 1.42)	0.586	1.05 (0.64, 1.72)	0.856
Age, yr				
0–49	Reference		Reference	
50–69	3.29 (3.01, 3.61)	<0.001	2.50 (2.28, 2.74)	<0.001*
≥70	12.79 (11.72, 13.96)	<0.001*	9.70 (8.87, 10.61)	<0.001*
M (versus F)	1.60 (1.53, 1.68)	<0.001*	1.58 (1.51, 1.65)	<0.001*
Updated Charlson comorbidity index				
0–3	Reference		Reference	
4–5	3.63 (3.36, 3.93)	<0.001*	1.79 (1.66, 1.95)	<0.001*
≥ 6	8.83 (8.14, 9.57)	<0.001*	5.39 (4.95, 5.87)	<0.001*
Fully vaccinated (versus Not or not fully vaccinated)	1.18 (1.13, 1.24)	<0.001*	0.93 (0.89, 0.98)	0.007*
Emergency (versus elective surgery)	6.60 (5.98, 7.28)	<0.001*	7.58 (6.84, 8.41)	<0.001*
Relative work unit				
First quartile (lowest)	Reference		Reference	
Second quartile	2.55 (2.30, 2.83)	<0.001*	1.84 (1.66, 2.04)	<0.001*
Third quartile	3.50 (3.17, 3.87)	<0.001*	2.02 (1.82, 2.24)	<0.001*
Fourth quartile (highest)	7.38 (6.72, 8.12)	<0.001*	4.13 (3.75, 4.55)	<0.001*
Income level at the index procedure				
First quartile (lowest)	Reference		Reference	
Second quartile	0.69 (0.65, 0.74)	<0.001*	0.85 (0.79, 0.90)	<0.001*
Third quartile	0.67 (0.63, 0.71)	<0.001*	0.73 (0.68, 0.78)	<0.001*

Fourth quartile (highest)	0.82 (0.77, 0.87)	<0.001*	0.77 (0.72, 0.82)	<0.001*
Residence level at the index procedure				
Capital city	Reference		Reference	
Metropolitan city	0.97 (0.91, 1.05)	0.458	1.09 (1.01, 1.17)	0.029*
Other area	1.14 (1.07, 1.21)	<0.001*	1.11 (1.05, 1.19)	0.001*

OR: odds ratio, COVID-19: coronavirus disease 19. *Statistically significant (P < 0.05)