

Supplementary Table 5. Univariate and multivariable logistic regression analyses for 30-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	3.55 (1.53, 8.25)	0.003*	4.28 (1.81, 10.13)	0.001*
5–8 weeks	3.10 (1.43, 6.74)	0.004*	3.38 (1.54, 7.44)	0.002*
>8 weeks	1.28 (0.70, 2.35)	0.427	1.58 (0.85, 2.92)	0.146
Age, yr				
0–49	Reference		Reference	
50–69	2.91 (2.55, 3.31)	< 0.001*	2.19 (1.92, 2.50)	< 0.001*
≥70	10.81 (9.54, 12.25)	< 0.001*	8.00 (7.03, 9.10)	< 0.001*
M (versus F)	1.41 (1.32, 1.51)	< 0.001*	1.39 (1.30, 1.49)	< 0.001*
Updated Charlson comorbidity index				
0–3	Reference		Reference	
4–5	2.73 (2.40, 3.10)	< 0.001*	1.26 (1.10, 1.43)	< 0.001*
≥ 6	4.65 (4.00, 5.42)	< 0.001*	2.58 (2.21, 3.02)	< 0.001*
Fully vaccinated (versus Not or not fully vaccinated)	1.25 (1.16, 1.34)	< 0.001*	1.00 (0.93, 1.07)	0.916
Emergency (versus elective surgery)	11.06 (9.83, 12.45)	< 0.001*	11.36 (10.05, 12.84)	< 0.001*
Relative work unit				
First quartile (lowest)	Reference		Reference	
Second quartile	2.08 (1.75, 2.47)	< 0.001*	1.60 (1.34, 1.90)	< 0.001*
Third quartile	4.02 (3.42, 4.71)	< 0.001*	2.46 (2.09, 2.90)	< 0.001*
Fourth quartile (highest)	9.56 (8.22, 11.12)	< 0.001*	6.11 (5.24, 7.13)	< 0.001*
Income level at the index procedure				
First quartile (lowest)	Reference		Reference	
Second quartile	0.70 (0.64, 0.77)	< 0.001*	0.81 (0.74, 0.89)	< 0.001*
Third quartile	0.68 (0.62, 0.74)	< 0.001*	0.70 (0.63, 0.76)	< 0.001*

Fourth quartile (highest)	0.83 (0.76, 0.92)	< 0.001*	0.69 (0.63, 0.76)	< 0.001*
Residence level at the index procedure				
Capital city	Reference		Reference	
Metropolitan city	1.01 (0.90, 1.13)	0.855	1.11 (0.99, 1.24)	0.081
Other area	1.29 (1.17, 1.42)	< 0.001*	1.25 (1.13, 1.38)	< 0.001*

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