

**Supplementary Table 9. Incidence of 30-day postoperative mortality after standard surgery in each subgroup**

	No preoperative COVID-19 (n=747506)	Preoperative COVID-19 infection (by timing of diagnosis prior to surgery)		
		0–4 weeks (n=352)	5–8 weeks (n=474)	>8 weeks (n=1843)
Age, yr				
0–49	279/249,713 (0.1)	1/135 (0.7)	0/173 (0.0)	1/660 (0.2)
50–69	1,078/333,015 (0.3)	2/148 (1.4)	3/209 (1.4)	5/897 (0.6)
≥ 70	1,974/164,778 (1.2)	2/69 (2.9)	3/92 (3.3)	4/286 (1.4)
Sex				
Female	1,540/409,755 (0.4)	2/172 (1.2)	3/245 (1.2)	7/1,017 (0.7)
Male	1,791/337,751 (0.5)	3/180 (1.7)	3/229 (1.3)	3/826 (0.4)
Updated Charlson comorbidity index score				
0–3	2,897/714,378 (0.4)	4/336 (1.2)	5/445 (1.1)	7/1,767 (0.4)
4–5	256/23,470 (1.1)	1/13 (7.7)	1/23 (4.3)	1/53 (1.9)
≥ 6	178/9,658 (1.8)	0/3 (0.0)	0/6 (0.0)	2/23 (8.7)
Vaccination				
Not or not fully vaccinated	2,234/536,868 (0.4)	5/209 (2.4)	3/322 (0.9)	7/1,048 (0.7)
Fully vaccinated	1,097/210,638 (0.5)	0/143 (0.0)	3/152 (2.0)	3/795 (0.4)
Relative work unit				
First quartile (lowest)	183/171,104 (0.1)	1/110 (0.9)	0/107 (0.0)	0/494 (0.0)
Second quartile	446/202,284 (0.2)	2/93 (2.2)	2/107 (1.9)	2/444 (0.5)
Third quartile	801/187,103 (0.4)	1/76 (1.3)	2/132 (1.5)	3/469 (0.6)
Fourth quartile (highest)	1,901/187,015 (1.0)	1/73 (1.4)	2/128 (1.6)	5/436 (1.1)
Income level at the index procedure				
First quartile (lowest)	1,160/209,989 (0.6)	1/101 (1.0)	3/143 (2.1)	1/512 (0.2)
Second quartile	691/178,516 (0.4)	1/92 (1.1)	1/115 (0.9)	3/445 (0.7)

Third quartile	748/200,120 (0.4)	3/109 (2.8)	1/134 (0.7)	3/484 (0.6)
Fourth quartile (highest)	732/158,881 (0.5)	0/50 (0.0)	1/82 (1.2)	3/402 (0.7)
Residence level at the index procedure				
Capital city	510/134,248 (0.4)	3/126 (2.4)	2/170 (1.2)	3/633 (0.5)
Metropolitan city	719/185,878 (0.4)	1/90 (1.1)	3/148 (2.0)	0/534 (0.0)
Other area	2,102/427,380 (0.5)	1/136 (0.7)	1/156 (0.6)	7/676 (1.0)