

Supplementary Table 3. Univariable regression analysis for mortality (n = 23,603)

Variable	OR	95% CI	P-value
Hospital type			
Metropolitan	-	-	-
Rural/regional	1.46	1.19–1.77	< 0.001
Hospital funding model			
Private	-	-	-
Public	2.44	2.05–2.93	< 0.001
Annual no. of admissions for colorectal cancer surgery ^a	0.99	0.98–0.99	< 0.001
Remoteness level of patient's residence			
Major city	-	-	-
Inner regional	1.08	0.89–1.31	0.400
Outer regional	1.13	0.88–1.43	0.300
Remote/very remote	0.64	0.29–1.21	0.200
Distance from ICU to patient's residence (km)	1.00	1.00–1.00	0.400
ANZROD model	1.11	1.10–1.12	< 0.001
Year of admission			
2011	-	-	-
2012	0.88	0.60–1.28	0.500
2013	0.99	0.69–1.43	> 0.900
2014	0.62	0.41–0.93	0.023
2015	0.80	0.55–1.16	0.200
2016	0.65	0.44–0.95	0.026
2017	0.70	0.48–1.02	0.061
2018	0.65	0.45–0.94	0.020
2019	0.47	0.32–0.70	< 0.001
2020	0.56	0.38–0.81	0.002
2021	0.41	0.27–0.61	< 0.001

OR, odds ratio; CI, confidence interval; ICU, intensive care unit; ANZROD, Australian and New Zealand Risk of Death.

^aFor the annual number of admissions for colorectal surgery, each OR represents a +10 increase.