

Supplementary Table 1 Univariate logistic regression analysis for acute kidney injury, myocardial injury and respiratory complications

Factors	AKI	MINS	Respiratory complications
Age, years	1.110 (1.055, 1.168) ^a	1.086 (1.013, 1.164) ^b	1.039 (1.002, 1.077) ^b
Males (%)	1.524 (0.656, 3.543)	1.370 (0.447, 4.200)	1.497 (0.872, 2.570)
Obesity (%)	1.346 (0.547, 3.315)	1.800 (0.584, 5.553)	1.252 (0.684, 2.292)
Pulmonary disease (%)	0.848 (0.199, 3.617)	0.0001 (0.0001, 0.0005)	1.714 (0.817, 3.597)
Stroke (%)	1.460 (0.501, 4.251)	2.203 (0.624, 7.771)	0.966 (0.430, 2.168)
Hypertension (%)	1.483 (0.747, 2.945)	2.075 (0.797, 5.399)	0.650 (0.407, 1.038) ^c
Heart disease (%)	1.028 (0.355, 2.975)	3.059 (1.069, 8.750) ^b	1.444 (0.772, 2.704)
Blood transfusion (%)	3.227 (1.584, 6.779) ^a	4.742 (1.839, 12.226) ^a	2.311 (1.380, 3.869) ¹
Site of procedure (%)			
stomach	— —	— —	— —
colon	1.388 (0.635, 3.035)	2.912 (1.096, 7.738) ^b	0.746 (0.436, 1.278)
rectum	1.456 (0.588, 3.602)	0.466 (0.057, 3.812)	0.805 (0.427, 1.519)
ASA score (%)			
2	— —	— —	— —
3	1.080 (0.438, 2.664)	3.780 (0.496, 28.803) ^c	0.807 (0.470, 1.385)
4	2.413 (0.462, 12.617)	14.880 (1.302, 170.121) ^c	1.105 (0.304, 4.018)
Preoperative albumin (g/dL)	0.924 (0.847, 1.008) ^c	1.024 (0.920, 1.141)	0.952 (0.898, 1.009) ^c
Preoperative hematocrit level (%)			
> 30.0%	— —	— —	— —
27.0%-30.0%	1.745 (0.591, 5.150)	2.989 (0.816, 10.952) ^b	0.952 (0.399, 2.273) ^b
24.0%-26.9%	2.895 (0.965, 8.680)	3.206 (0.690, 14.887) ^b	2.965 (1.415, 6.216) ^b
15.0%-23.9%	1.676 (0.216, 13.016)	8.192 (1.692, 39.667) ^b	1.252 (0.284, 5.512) ^b
Cancer stage (%)			

I	--	--	--
II	2.183 (0.701, 6.801)	0.781 (0.235, 2.598)	0.892 (0.455, 1.748)
III	1.434 (0.461, 4.458)	0.604 (0.189, 1.928)	1.039 (0.564, 1.915)
IV	2.368 (0.577, 9.716)	0.0001 (0.0001, 0.0005)	1.331 (0.562, 3.153)

^a*P* < 0.01.

^b*P* < 0.05.

^c*P* < 0.10.

“--” indicates the reference group; AKI: Acute kidney injury; MINS: Myocardial injury; ASA: American Society of Anesthesiologists.