

Supplemental table 1. Comparison of postoperative complications between the open and MIS group with adjustment by univariable and multivariable logistic regression analysis

	Univariate			Multivariate		
	OR	95% CI	p	OR	95% CI	p
MIS approach	0.54	0.39–0.75	< 0.001	0.70	0.49–1.00	0.049
Age > 60 years	1.25	0.92–1.71	0.156			
Female sex	0.76	0.56–1.03	0.076	0.95	0.68–1.31	0.735
BMI >26 kg/m ²	2.01	1.47–2.74	< 0.001	1.83	1.31–2.56	< 0.001
ASA status III or IV (vs. I or II)	1.54	1.10–2.14	0.012	1.51	1.04–2.18	0.029
Any comorbidity	1.02	0.76–1.38	0.889			
Year of surgery						
2007-2010	1			1		
2011-2014	0.87	0.62–1.23	0.425	0.82	0.56–1.20	0.299
2015-2017	0.53	0.35–0.80	0.002	0.52	0.34–0.81	0.004
Total or proximal gastrectomy (vs. Distal gastrectomy)	3.33	2.44–4.54	< 0.001	3.19	2.30–4.43	< 0.001
D2/D3 dissection (vs. D1/D1+)	0.86	0.53–1.39	0.530			
Tumor > 3 cm	1.3	0.96–1.76	0.092	1.14	0.82–1.58	0.436
Neoadjuvant chemotherapy	1.14	0.84–1.54	0.413			

BMI, body mass index; MIS, minimally invasive surgery; ASA, American Society of Anesthesiologists