

Supplemental Digital Content 3. Univariable and multivariable logistic regression analysis of constipation and fecal incontinence with left hemicolectomy as the reference category

Variables	Constipation				Fecal incontinence			
	Univariable		Multivariable ^a		Univariable		Multivariable ^b	
	OR (95% CI)	<i>p</i> value	OR (95% CI)	<i>p</i> value	OR (95% CI)	<i>p</i> value	OR (95% CI)	<i>p</i> value
Type of colectomy								
Left hemicolectomy	Reference		Reference		Reference		Reference	
Sigmoid colon resection	1.70 (1.08–2.67)	0.021*	1.93 (1.12–3.35)	0.019*	0.72 (0.42–1.23)	0.231	0.67 (0.38–1.20)	0.177

^a The same variables were used as for the multivariable model of constipation with right hemicolectomy as the reference category (see Supplementary Digital Content 3): sex, age at surgery, follow-up, ASA score at surgery, previous lower abdominal surgery, previous upper abdominal surgery, smoking, surgical approach, and type of anastomosis.

^b The same variables were used as for the multivariable model of fecal incontinence with right hemicolectomy as the reference category (see Supplementary Digital Content 3): sex, age at surgery, follow-up, Charlson comorbidity index at surgery, smoking, radiotherapy, setting, and temporary stoma.

* Statistical significance of $p < 0.05$

** Statistical significance of $p < 0.005$

Abbreviations: CI, confidence interval.