Α		TaT	ME	LaTI	4E		Risk Ratio			Risk Ratio		
	Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% C		М-Н,	Random, 9	5% CI	
	Fernández-Hevia 2015	32	37	30	37	34.6%	1.07 [0.87, 1.30]			+		
	Mege 2018	31	34	31	34	36.9%	1.00 [0.86, 1.16]			+		
	Sparreboom 2019	40	48	23	48	28.6%	1.74 [1.26, 2.40]					
	Total (95% CI)		119)	119	100.0%	1.20 [0.87, 1.65]			•		
	Total events	103		84								
	Heterogeneity: $Tau^2 = 0$				(P = 0)	.001); I ² =	= 85%	0.01	0.1	1	10	100
	Test for overall effect: Z	= 1.10 (P	P = 0.2	7)								
в		TaTMI	E	LaTM	E		Risk Ratio		F	lisk Ratio		
В	Study or Subgroup	TaTMI Events	_		_	Weight	Risk Ratio M-H, Fixed, 95% Cl			lisk Ratio Fixed, 95%	6 CI	
В	Study or Subgroup Chang 2018		_		_	Weight					6 CI	
в	, , ,	Events	Total	Events	Total	Weight	M-H, Fixed, 95% Cl				6 CI	
В	Chang 2018	Events 0	Total 23	Events 0	Total 23	<u>Weight</u> 58.3%	M-H, Fixed, 95% CI Not estimable				<u>6 CI</u>	
В	Chang 2018 Chen 2019	Events 0 0	Total 23 39	Events 0 0	Total 23 64		M-H, Fixed, 95% CI Not estimable Not estimable				6 CI	
В	Chang 2018 Chen 2019 Detering 2018	Events 0 0 1	Total 23 39 315	Events 0 0 2	Total 23 64 287 48	58.3%	M-H, Fixed, 95% Cl Not estimable Not estimable 0.46 [0.04, 5.00]				<u> </u>	
В	Chang 2018 Chen 2019 Detering 2018 Sparreboom 2019	Events 0 0 1	Total 23 39 315 48	Events 0 0 2	Total 23 64 287 48	58.3% 41.7%	M-H, Fixed, 95% Cl Not estimable Not estimable 0.46 [0.04, 5.00] 0.33 [0.01, 7.98]				<u>6 CI</u>	
В	Chang 2018 Chen 2019 Detering 2018 Sparreboom 2019 Total (95% CI)	Events 0 0 1 0	Total 23 39 315 48 425	Events 0 0 2 1 3	Total 23 64 287 48 422	58.3% 41.7% 100.0%	M-H, Fixed, 95% Cl Not estimable Not estimable 0.46 [0.04, 5.00] 0.33 [0.01, 7.98] 0.40 [0.06, 2.73]				<u>-</u> 10	100

Supplementary Fig. 1. Forest plots of risk ratios of perioperative outcomes. (A) Diverting ileostomy and (B) mortality. A random-effect model was used for meta-analysis of diverting ileostomy. A fixed-effect model was used for meta-analysis of mortality. Risk ratios are shown with 95% confidence interval (CI). TaTME, transanal total mesorectal excision; LaTME, laparoscopic total mesorectal excision; df, degree of freedom.