cancers

MDPI

Supplementary Material

Colorectal Surgery in the COVID-19 Era: A Systematic Review and Meta-Analysis

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Study or Subgroup	Pandemic cohort Events	Pandemic cohort Total	Prepandemic cohort Events	Prepandemic cohort Total	Weight	Odds Ratio M-H, Random, 95% CI
Lim	86	715	276	2514	37.9%	1.11 [0.86, 1.43]
Shinkwin	17	267	31	539	14.3%	1.11 [0.61, 2.05]
Choi	170	916	290	1985	43.3%	1.33 [1.08, 1.64]
Radulovic	2	49	11	152	2.8%	0.55 [0.12, 2.55]
Cui	1	67	20	205	1.7%	0.14 [0.02, 1.06]
Total (95% CI)		**2014**		**5395**	**100.0%**	**1.14 [0.87, 1.48]**
Total events	276		628			

Heterogeneity: Tau² = 0.03; Chi² = 6.76, df = 4 (P = 0.15); I² = 41%
Test for overall effect: Z = 0.95 (P = 0.34)

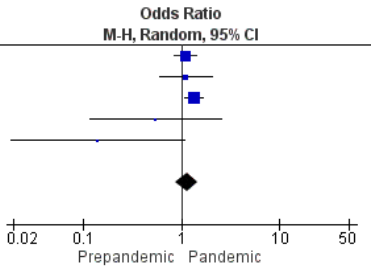

Figure S1. Tis-T1 stage forest plot.

Study or Subgroup	Pandemic cohort Events	Pandemic cohort Total	Prepandemic cohort Events	Prepandemic cohort Total	Weight	Odds Ratio M-H, Random, 95% CI
Lim	62	715	230	2514	27.9%	0.94 [0.70, 1.26]
Shinkwin	29	267	82	539	11.8%	0.68 [0.43, 1.07]
Choi	147	916	333	1985	53.5%	0.95 [0.77, 1.17]
Radulovic	10	49	27	152	3.7%	1.19 [0.53, 2.67]
Cui	7	67	31	205	3.2%	0.65 [0.27, 1.56]
Total (95% CI)		**2014**		**5395**	**100.0%**	**0.91 [0.78, 1.06]**
Total events	255		703			

Heterogeneity: Tau² = 0.00; Chi² = 2.78, df = 4 (P = 0.60); I² = 0%
Test for overall effect: Z = 1.23 (P = 0.22)

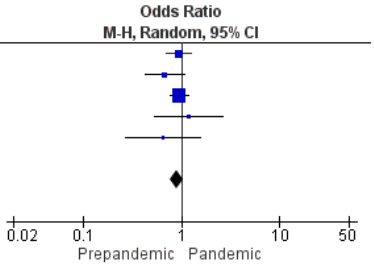

Figure S2. T2 stage forest plot.

Study or Subgroup	Pandemic cohort Events	Pandemic cohort Total	Prepandemic cohort Events	Prepandemic cohort Total	Weight	Odds Ratio M-H, Random, 95% CI
Lim	193	715	783	2514	24.2%	0.82 [0.68, 0.98]
Shinkwin	116	267	146	539	21.8%	2.07 [1.52, 2.81]
Choi	498	916	1052	1985	24.6%	1.06 [0.90, 1.24]
Radulovic	29	49	106	152	13.9%	0.63 [0.32, 1.23]
Cui	47	67	111	205	15.4%	1.99 [1.10, 3.59]
Total (95% CI)		**2014**		**5395**	**100.0%**	**1.18 [0.82, 1.70]**
Total events	883		2198			

Heterogeneity: Tau² = 0.14; Chi² = 32.39, df = 4 (P < 0.00001); I² = 88%
Test for overall effect: Z = 0.88 (P = 0.38)

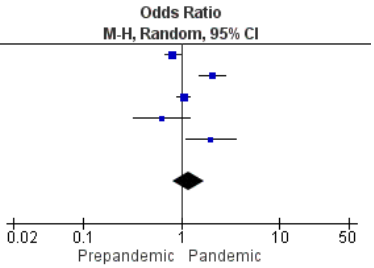

Figure S3. T3 stage forest plot.

Study or Subgroup	Pandemic cohort Events	Pandemic cohort Total	Prepandemic cohort Events	Prepandemic cohort Total	Weight	Odds Ratio M-H, Random, 95% CI
Peltrini	14	43	5	41	8.7%	3.48 [1.12, 10.78]
Lim	63	715	226	2514	22.4%	0.98 [0.73, 1.31]
Shinkwin	92	267	146	539	22.0%	1.42 [1.03, 1.94]
Choi	102	916	310	1985	23.2%	0.68 [0.53, 0.86]
Radulovic	8	49	8	152	9.7%	3.51 [1.24, 9.93]
Cui	11	67	41	205	14.1%	0.79 [0.38, 1.63]
Total (95% CI)		**2057**		**5436**	**100.0%**	**1.19 [0.79, 1.80]**
Total events	290		736			

Heterogeneity: Tau² = 0.18; Chi² = 25.26, df = 5 (P = 0.0001); I² = 80%
Test for overall effect: Z = 0.84 (P = 0.40)

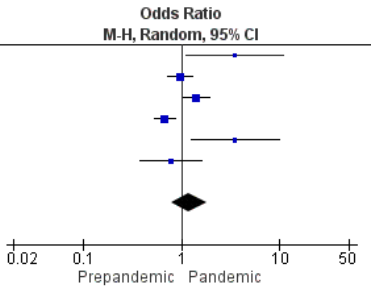

Figure S4. T4 stage forest plot.

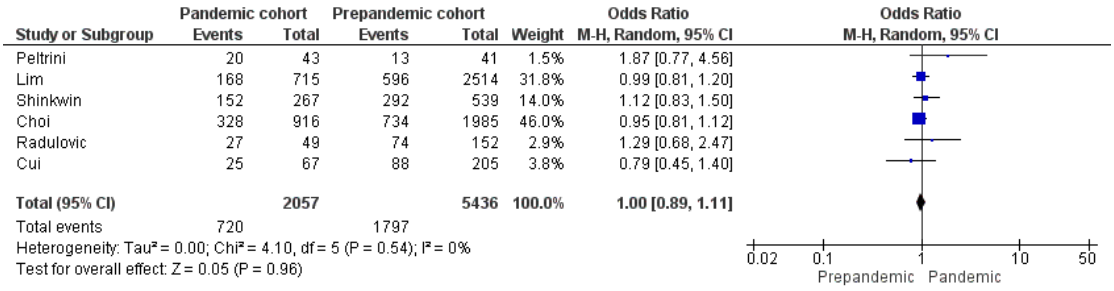

Figure S5. Node positive tumors forest plot.

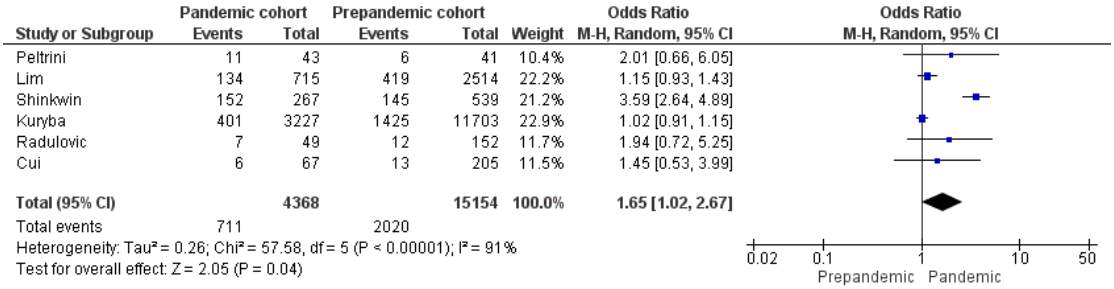

Figure S6. Metastatic tumors forest plot.

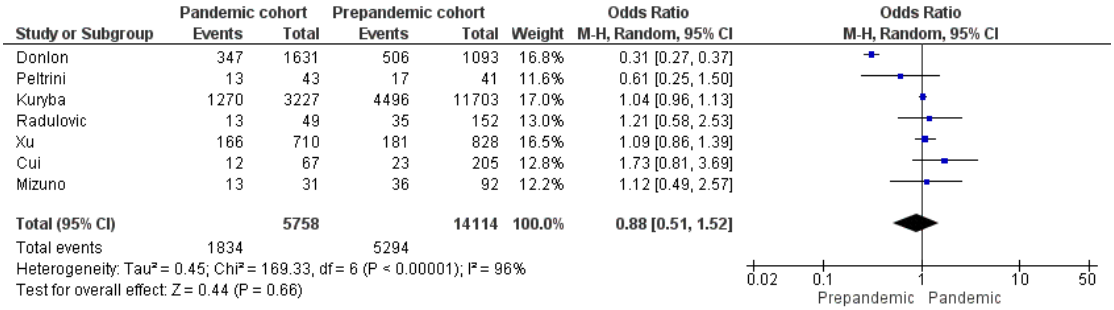

Figure S7. Right-sided tumors forest plot.

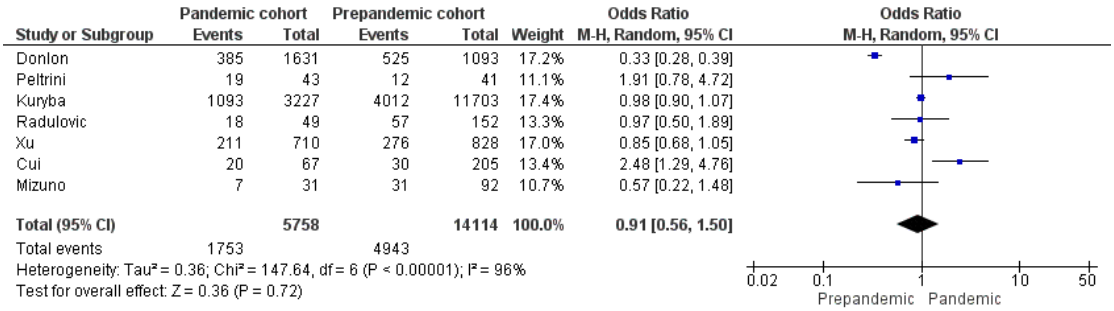

Figure S8. Left-sided tumors forest plot.

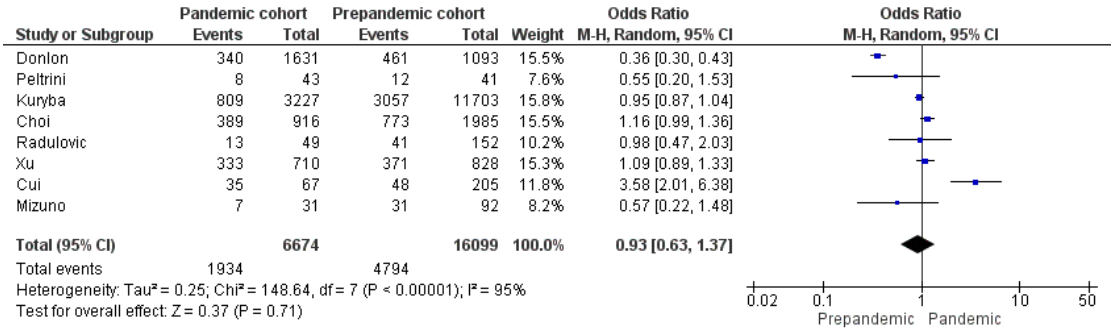

Figure S9. Rectal tumors forest plot.

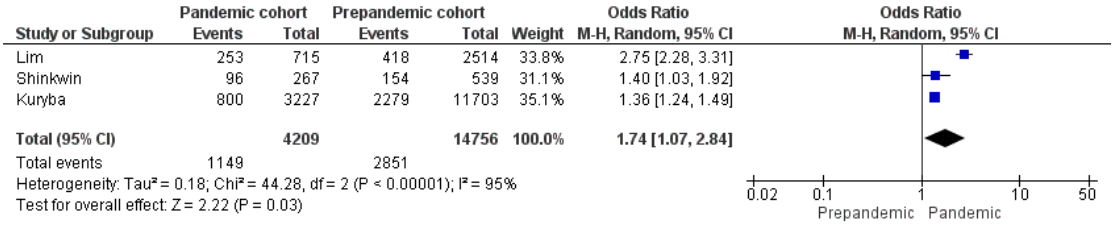

Figure S10. Emergency presentation forest plot.

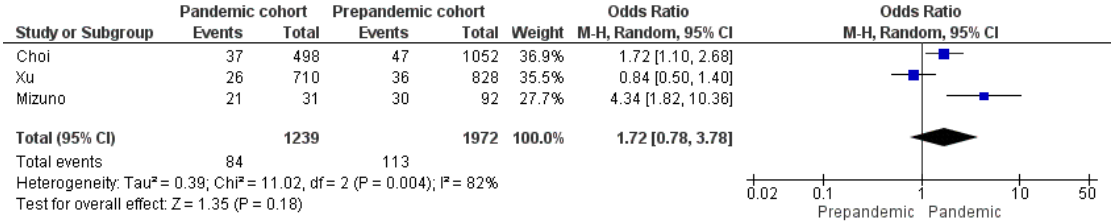

Figure S11. Complicated tumors forest plot.

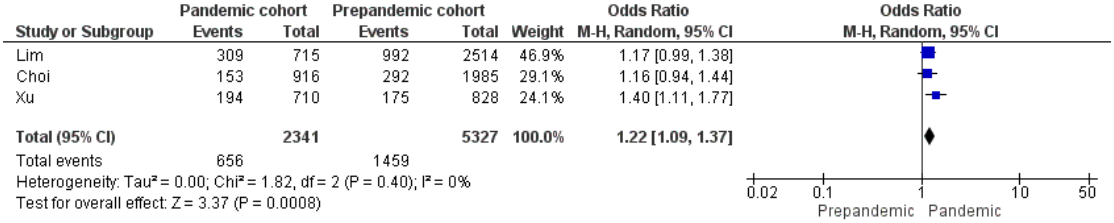

Figure S12. Neoadjuvant utilization forest plot.

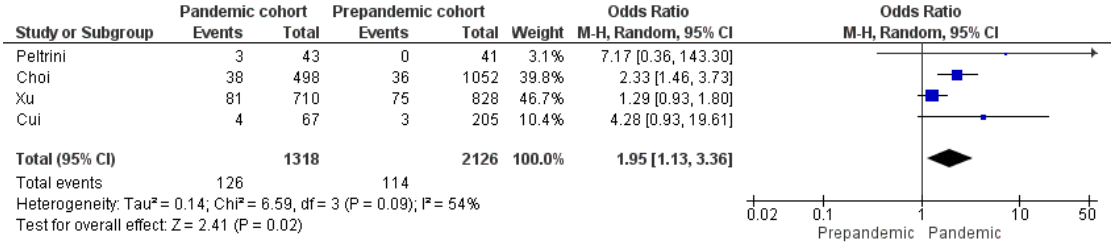

Figure S13. Palliative intent surgery forest plot.

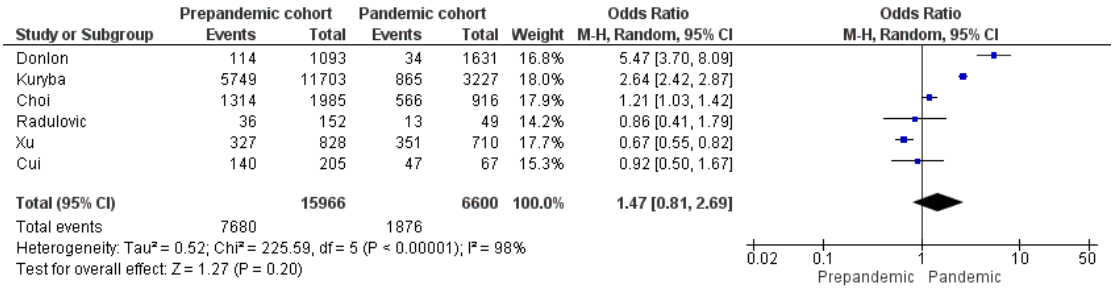

Figure S14. Minimally invasive surgery forest plot.

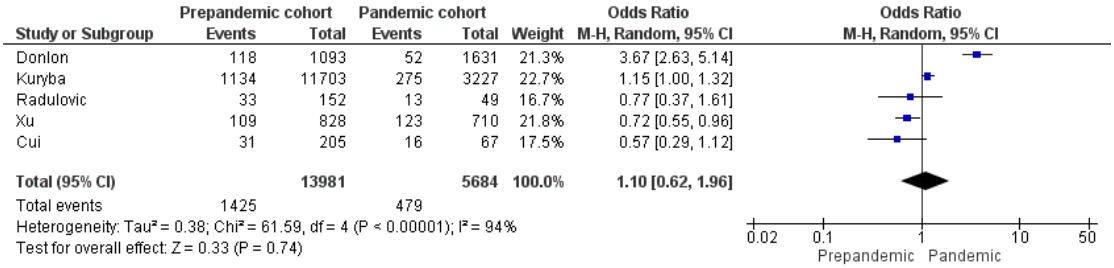

Figure S15. Stoma formation forest plot.

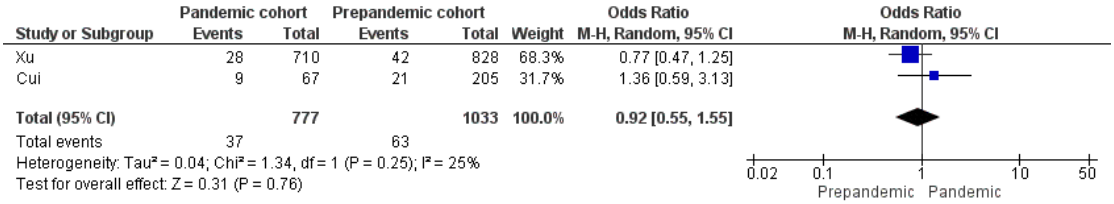

Figure S16. Morbidity forest plot.

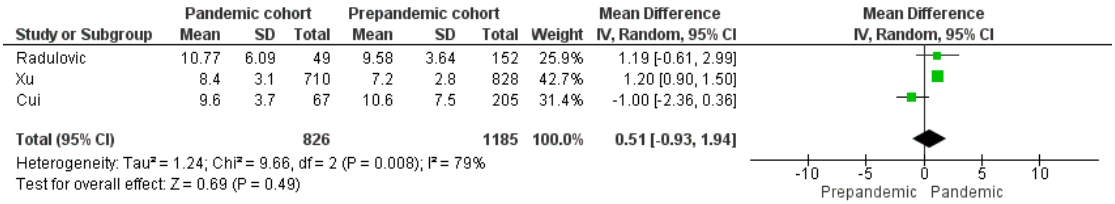

Figure S17. Length of hospital stay forest plot.

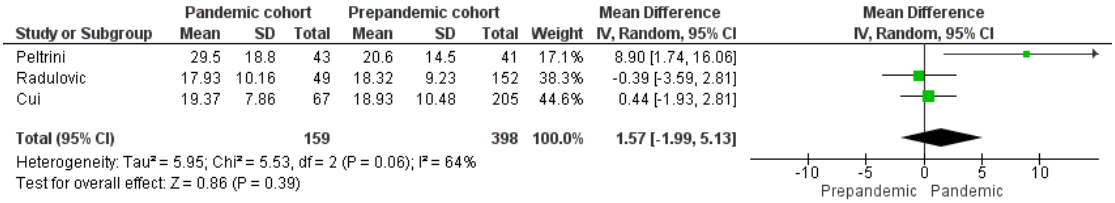

Figure S18. Lymph node harvest forest plot.

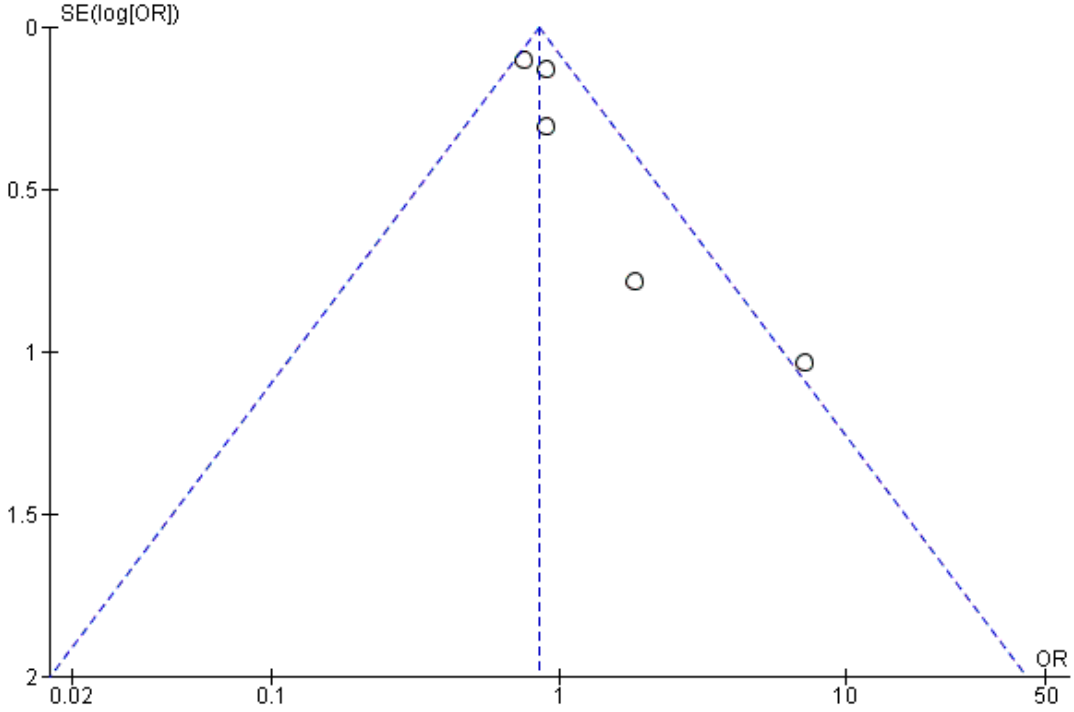

Figure S19. Tis-T1 stage funnel plot.

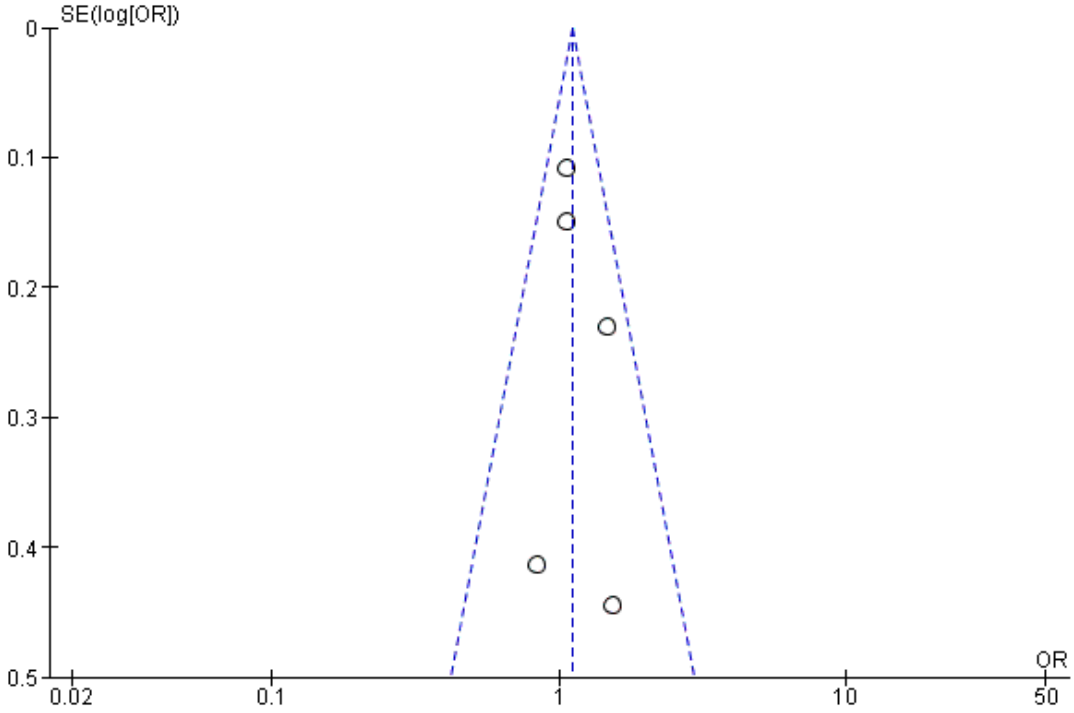

Figure S20. T2 stage funnel plot.

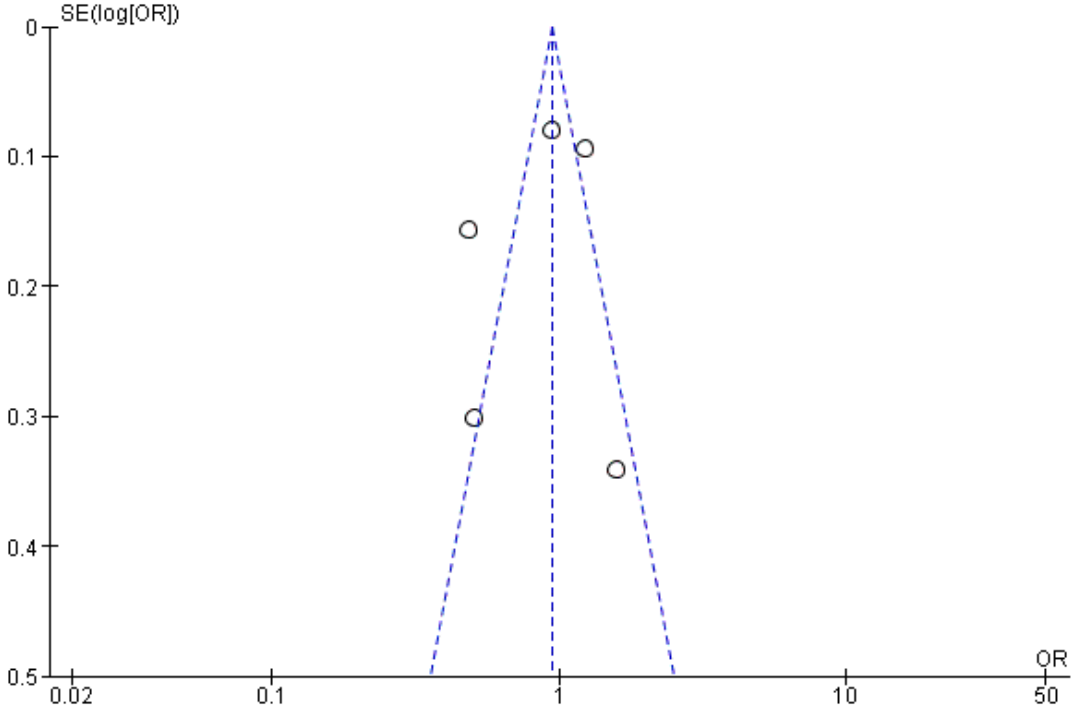

Figure S21. T3 stage funnel plot.

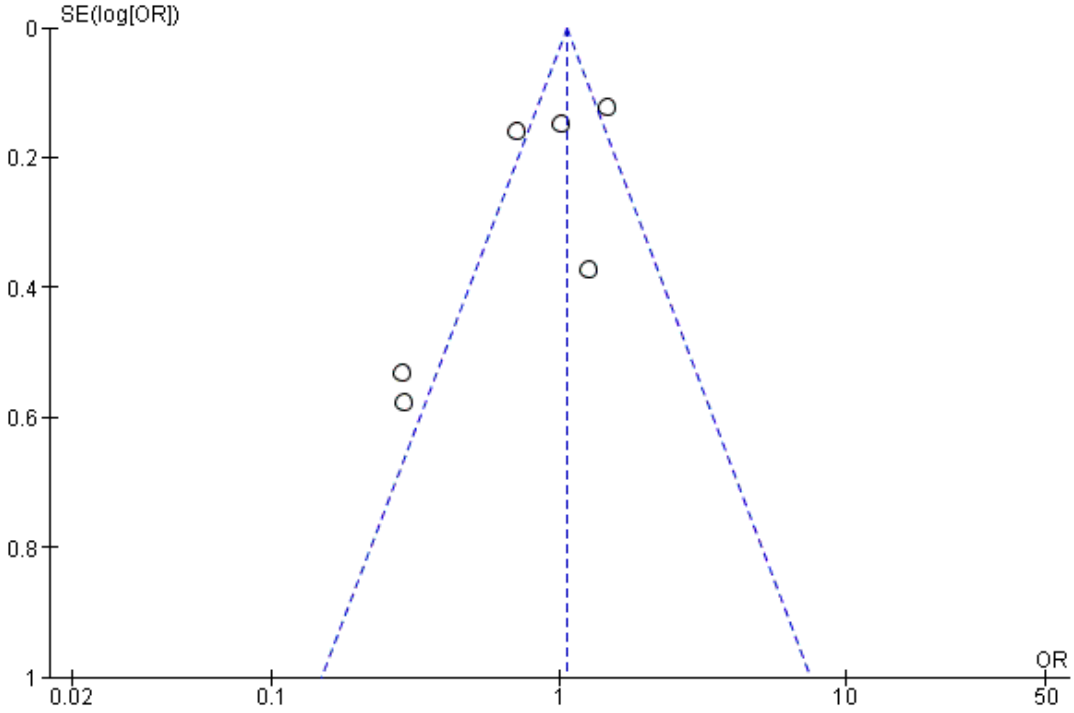

Figure S22. T4 stage funnel plot.

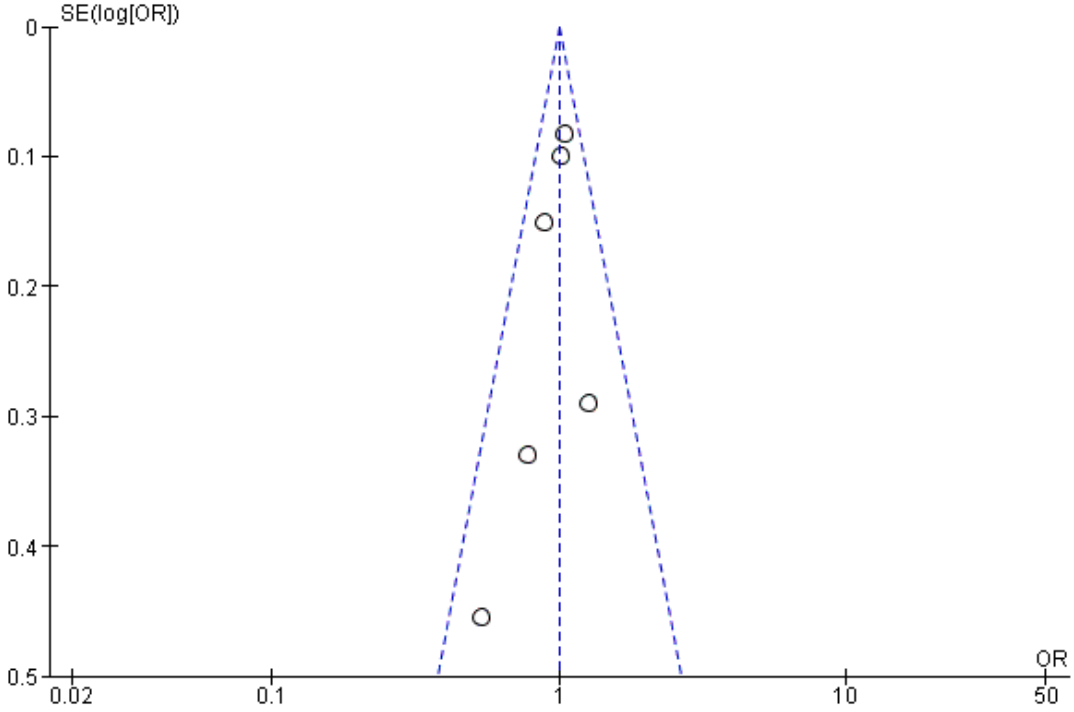

Figure S23. Node positive tumors funnel plot.

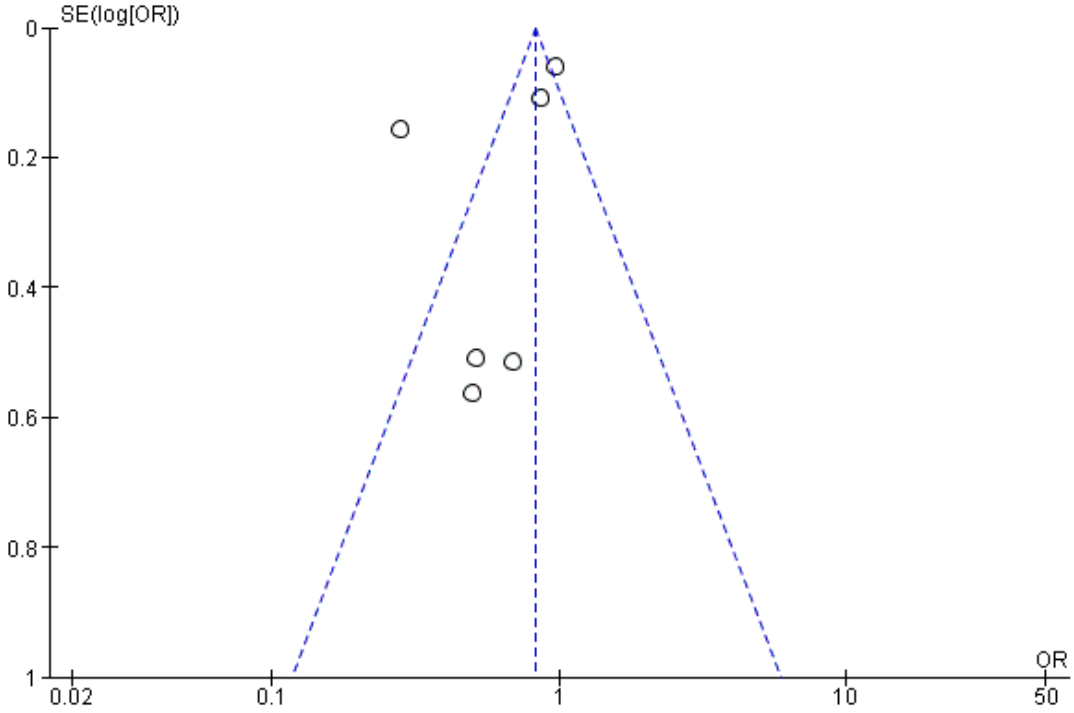

Figure S24. Metastatic tumors funnel plot.

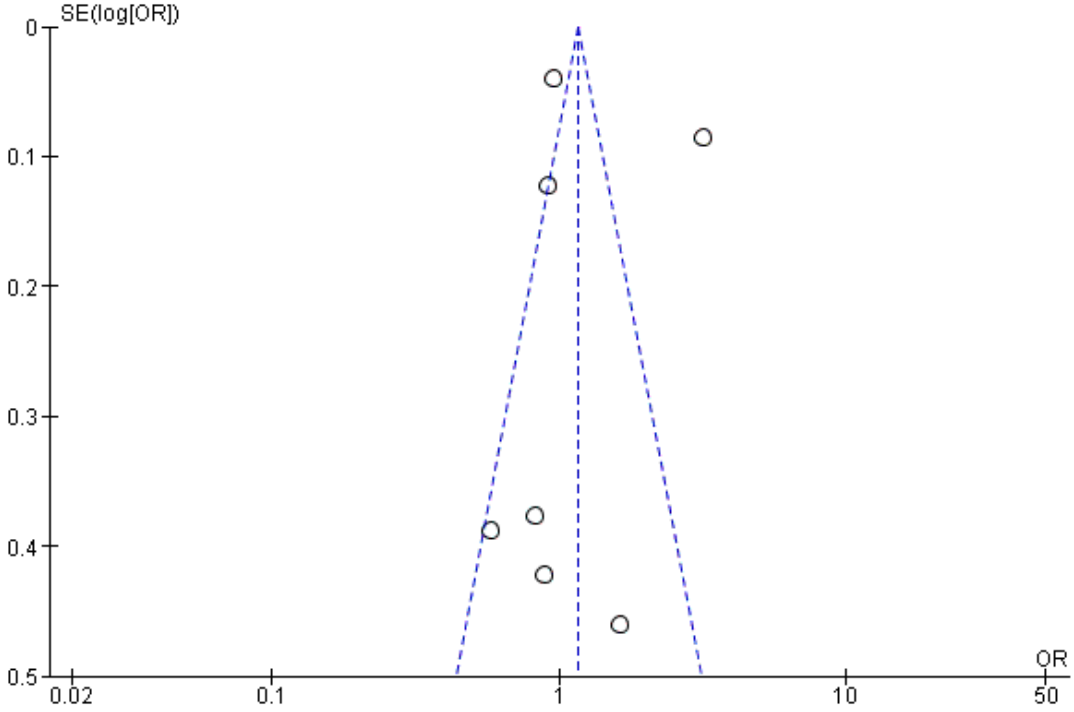

Figure S25. Right-sided tumors funnel plot.

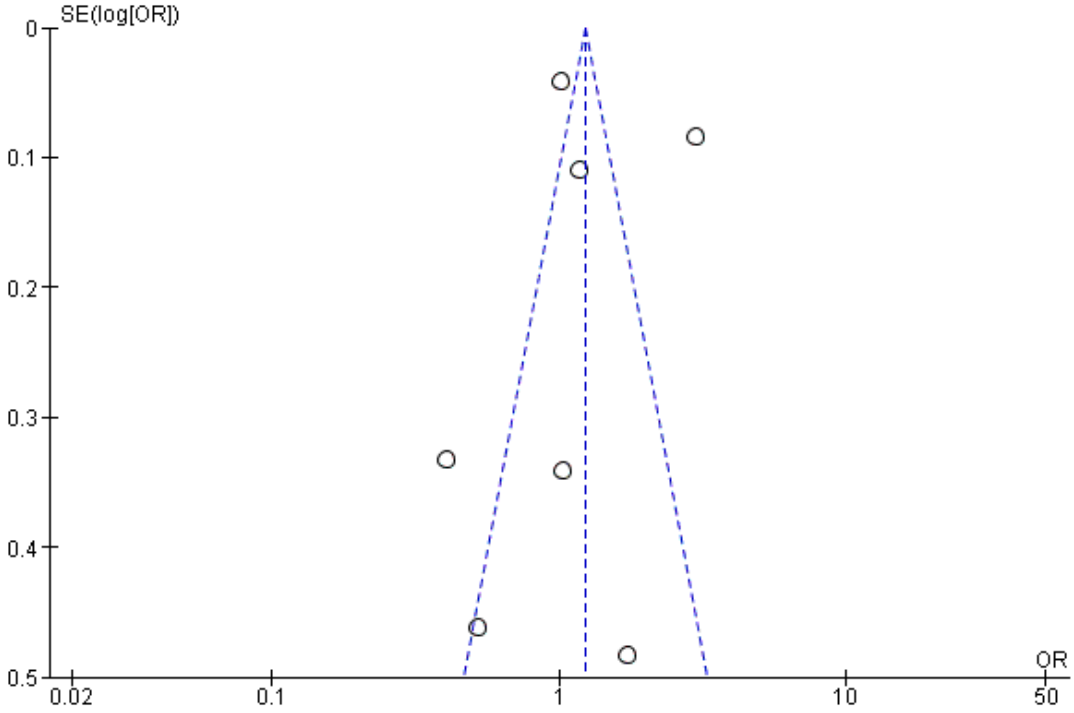

Figure S26. Left-sided tumors funnel plot.

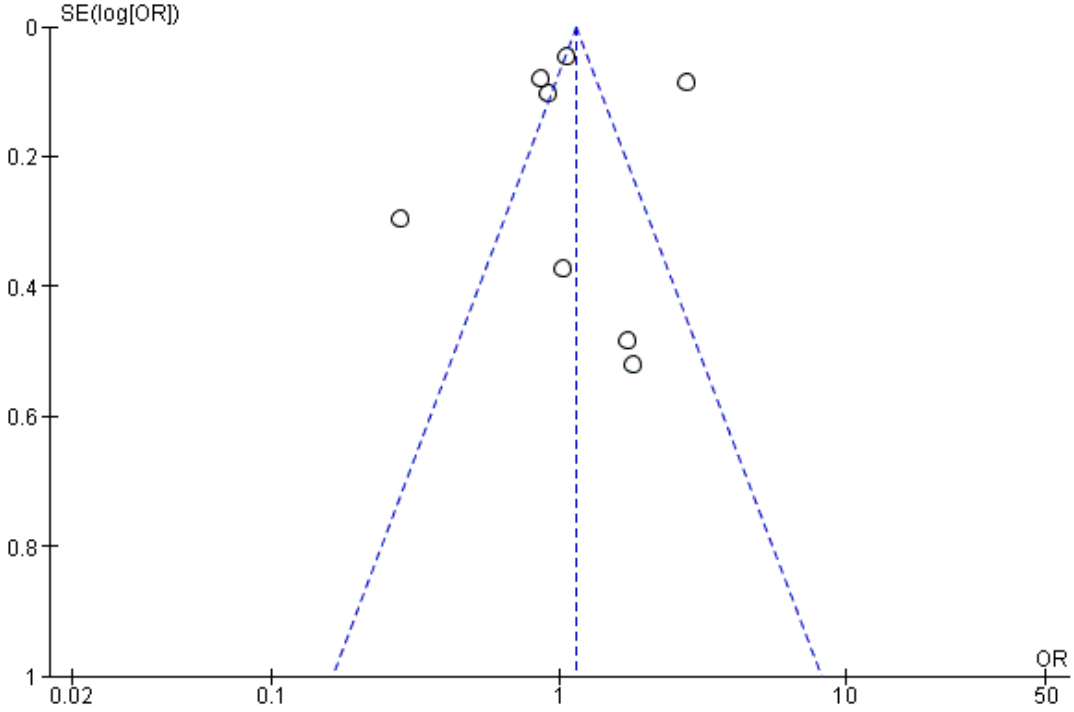

Figure S27. Rectal tumors funnel plot.

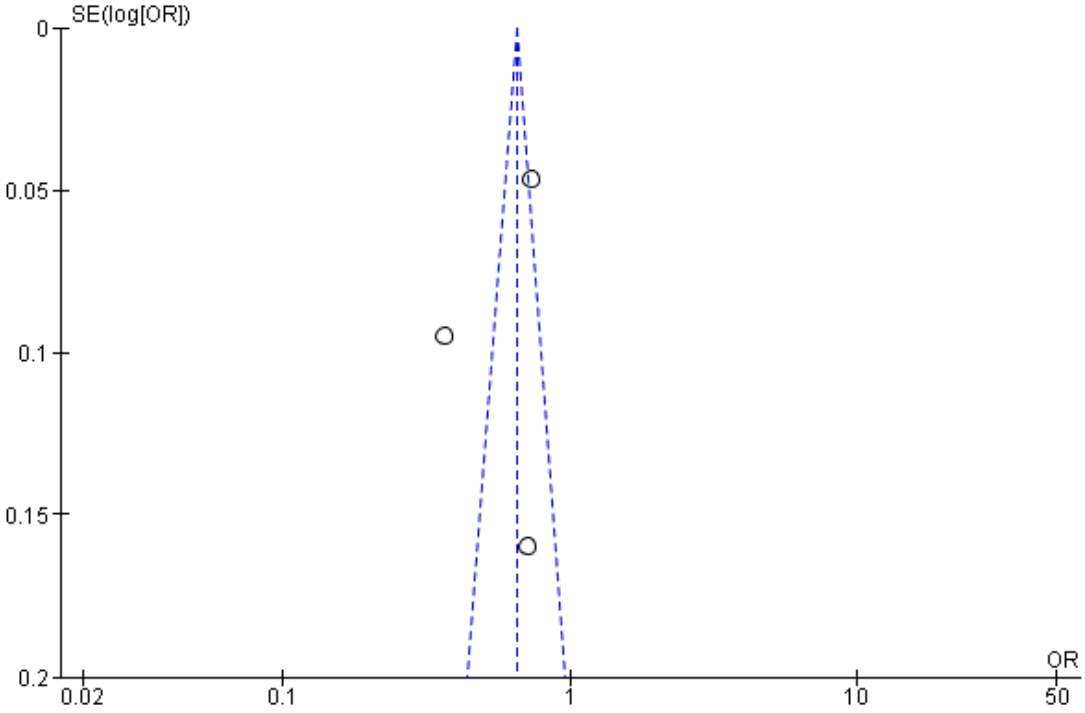

Figure S28. Emergency presentation funnel plot.

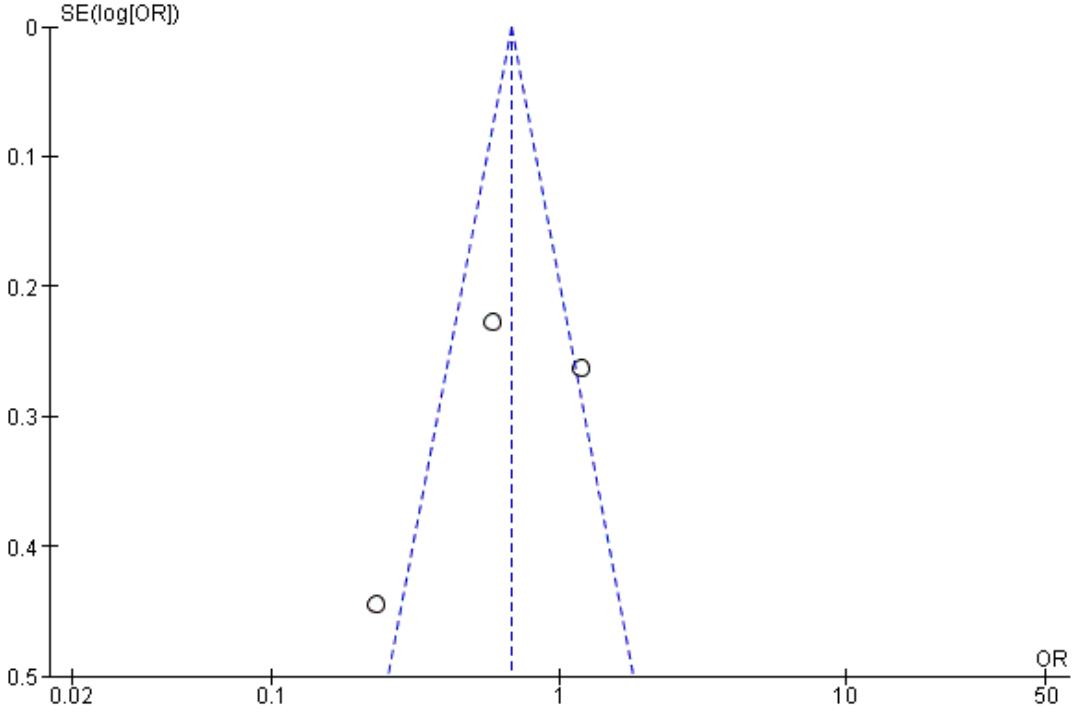

Figure S29. Funnel plot of complicated tumors.

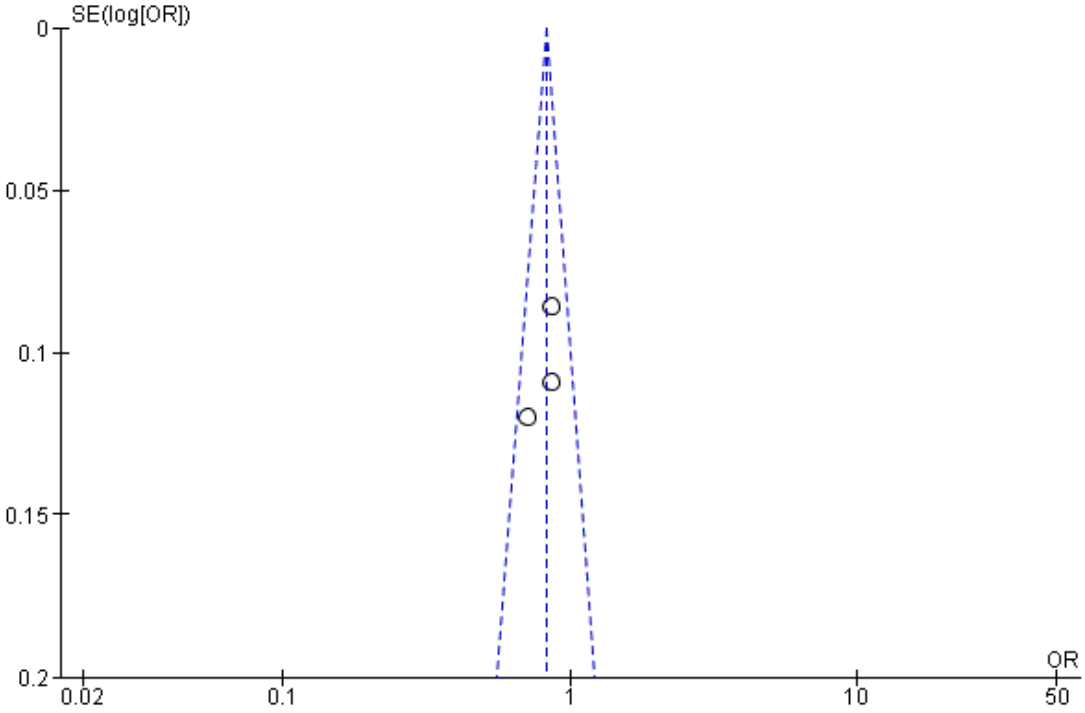

Figure S30. Neoadjuvant utilization funnel plot.

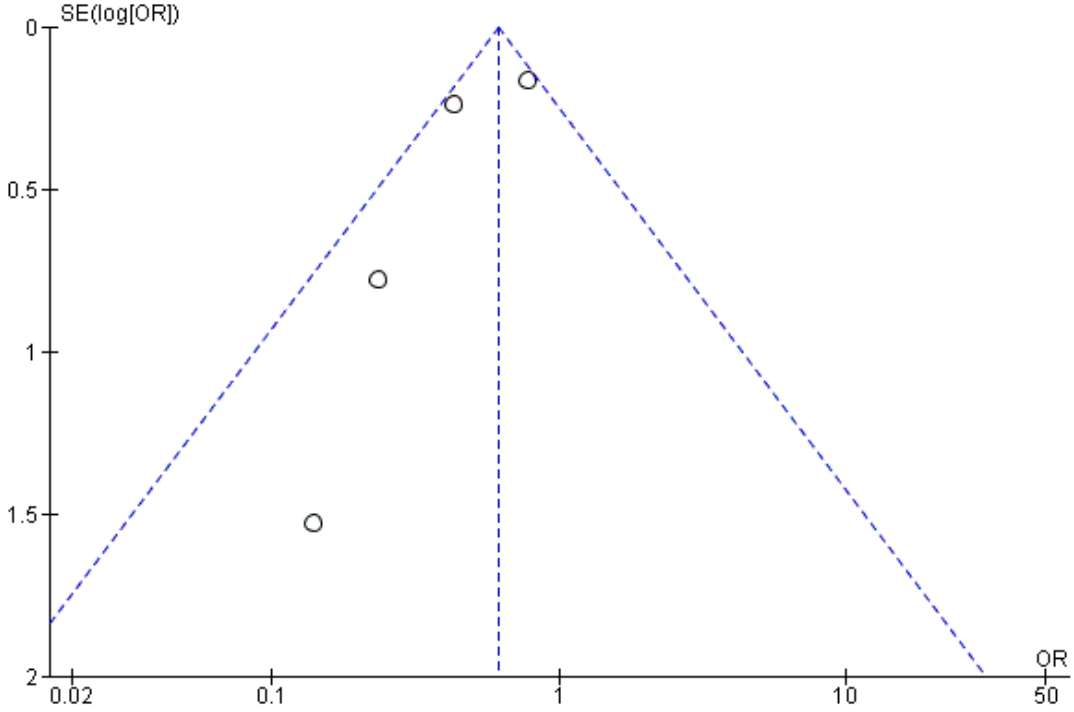

Figure S31. Palliative intent surgery funnel plot.

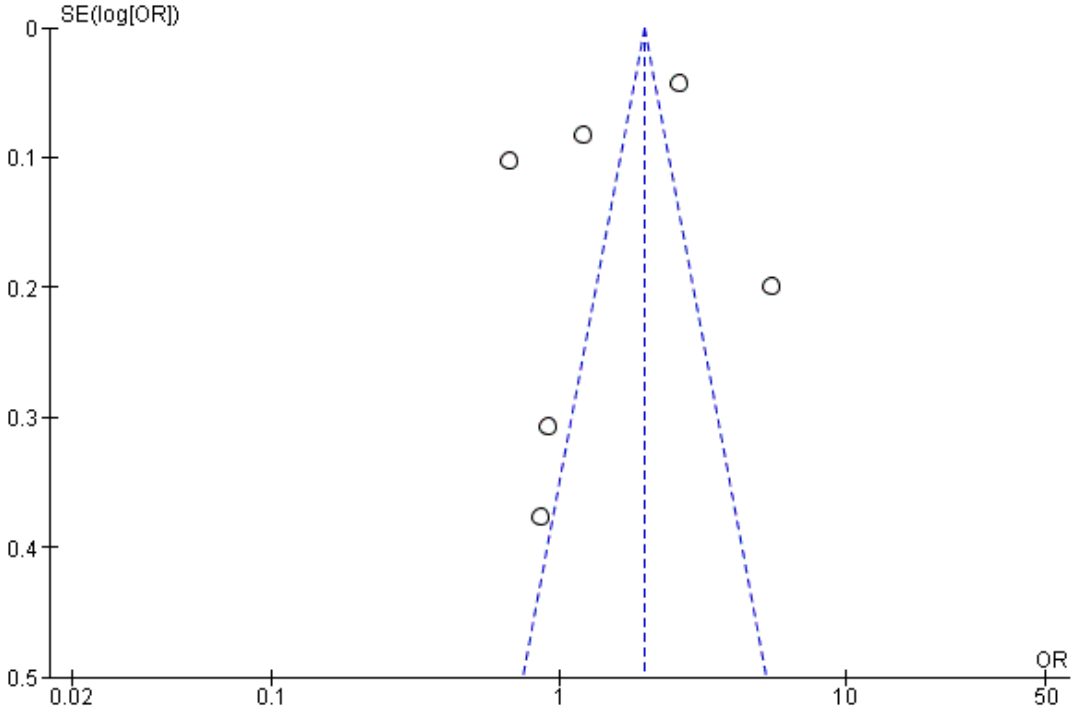

Figure S32. Minimally invasive surgery funnel plot.

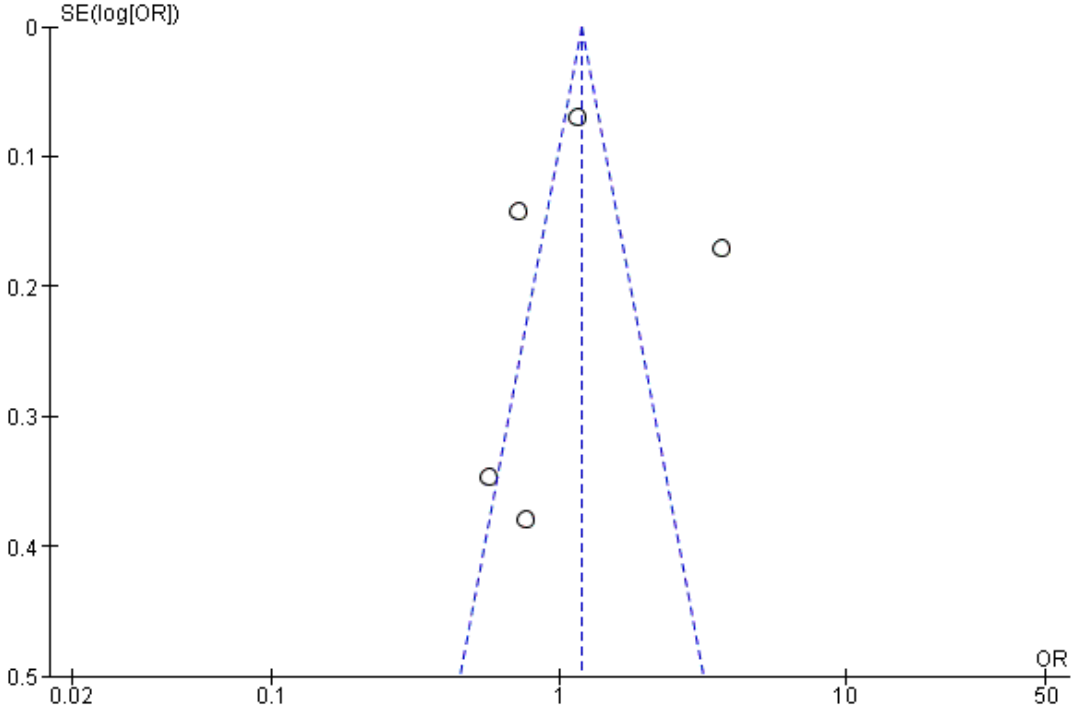

Figure S33. Stoma formation funnel plot.

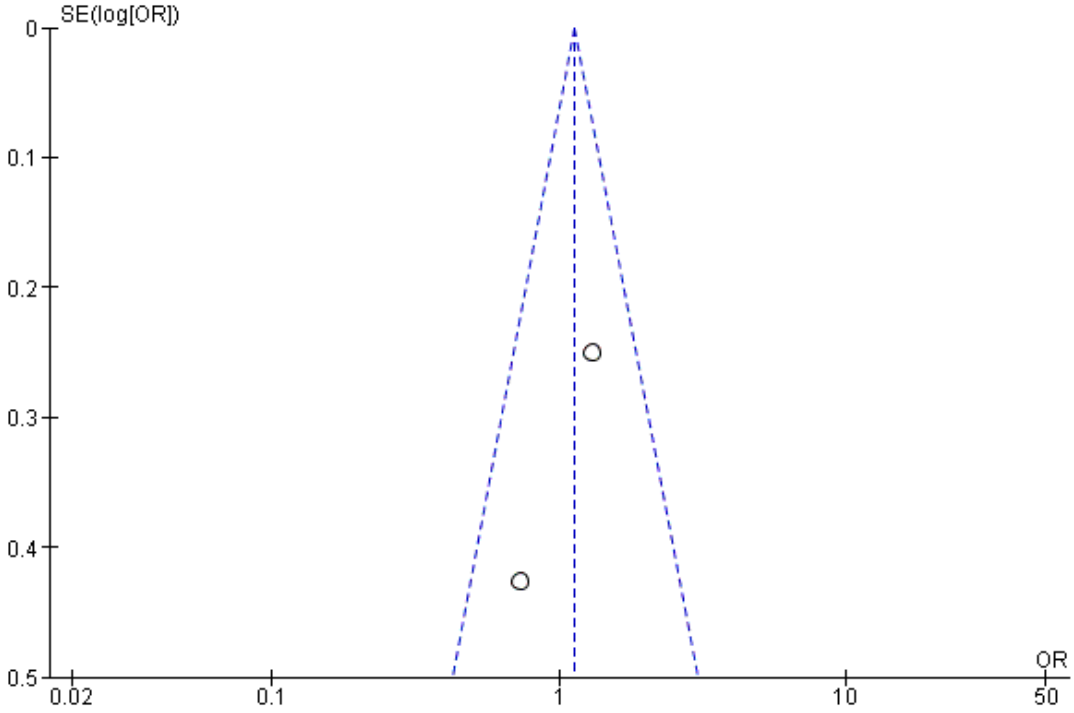

Figure S34. Morbidity funnel plot.

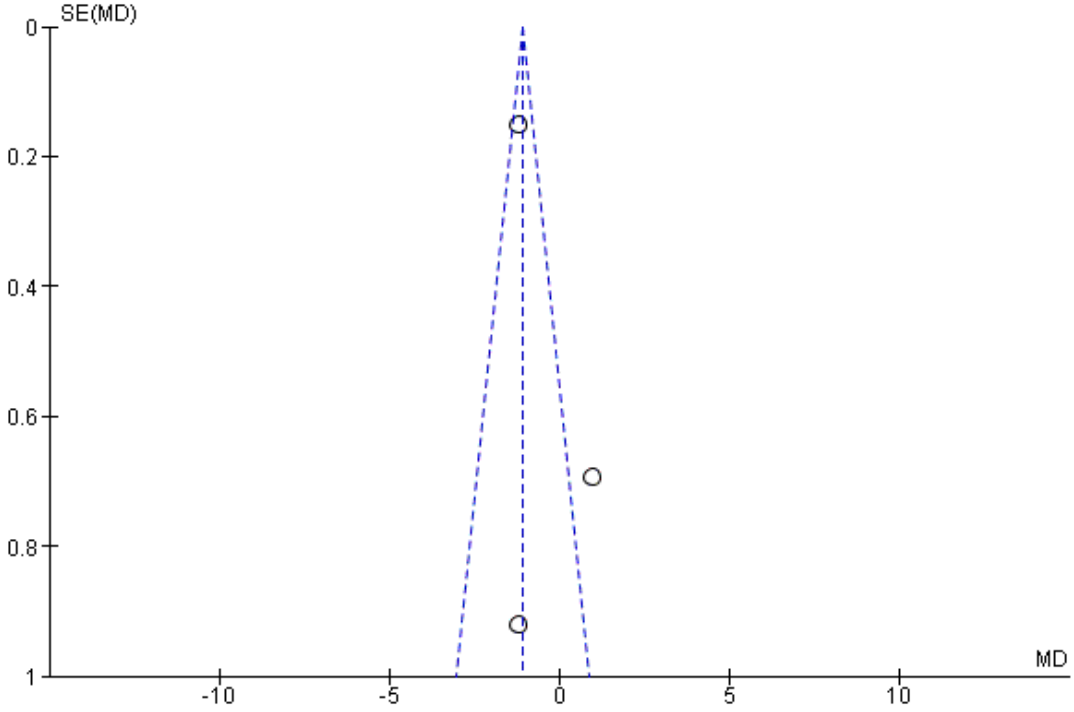

Figure S35. Length of hospital stay funnel plot.

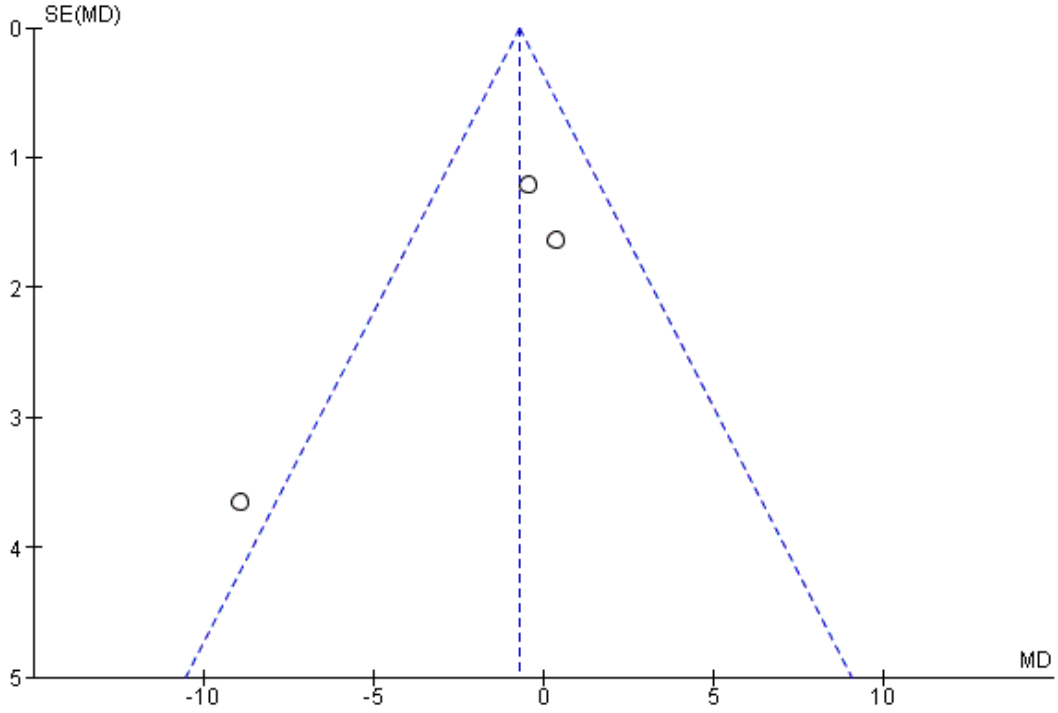

Figure S36. Lymph node harvest funnel plot.