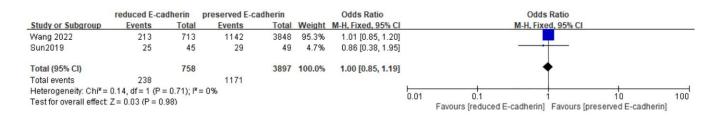
SUPPLEMENTARY FIGURES

	reduced E-cadherin		erin preserved E-cadherin		Odds Ratio			Odds Ratio		
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Fixed, 95% C	<u> </u>	M-H, Fix	ęd, 95% Cl	
Shino1995	5	39	9	82	25.3%	1.19 [0.37, 3.83]			•	
Xu 2019	3	48	5	60	20.8%	0.73 [0.17, 3.24]				
Yonemura 1997	73	84	42	43	36.4%	0.16 [0.02, 1.27]			H	
Yonemura 2000	7	66	1	26	6.4%	2.97 [0.35, 25.38]				
Zhong2008	18	83	2	35	11.0%	4.57 [1.00, 20.89]				
Total (95% CI)		320		246	100.0%	1.21 [0.67, 2.18]		-	•	
Total events	106		59							
Heterogeneity: Chi2 = 2	7.72, df = 4 (P =	0.10); l ² :	= 48%							400
Test for overall effect: Z = 0.62 (P = 0.53)							0.01	0.1 Favours [reduced E-cadherin]	1 10 Favours [preserved E-cadherin]	100

Supplementary Figure 1. Forest plot of the odds ratio for the correlation of E-cadherin expression with liver metastasis.

	reduced E-cadherin		preserved E-cadherin		Odds Ratio			Odds	Ratio	
Study or Subgroup	Events	Total	Events	Total	Weight	M-H. Random, 95% CI		M-H, Rand	lom, 95% Cl	
Guo 2014	23	103	6	56	29.6%	2.40 [0.91, 6.29]				
Xu 2019	29	48	45	60	33.5%	0.51 [0.22, 1.16]			t	
Zhou 2016	51	79	39	60	36.9%	0.98 [0.49, 1.98]		_		
Total (95% CI)		230		176	100.0%	1.03 [0.46, 2.30]				
Total events	103		90							
Heterogeneity: Tau ² =	0.33; Chi ² = 5.75	5, df = 2 (F	P = 0.06); I ² = 65%				0.01	0.1	1 10	100
Test for overall effect: Z = 0.06 (P = 0.95)							0.01	Favours [reduced E-cadherin]	Favours [preserved E-cadherin]	

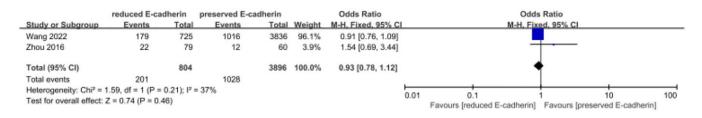
Supplementary Figure 2. Forest plot of the odds ratio for the correlation of E-cadherin expression with perineural invasion.



Supplementary Figure 3. Forest plot of the odds ratio for the correlation of E-cadherin expression with alcohol consumption.

	reduced E-ca	educed E-cadherin		preserved E-cadherin		Odds Ratio		Odds	s Ratio		
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Fixed, 95% C		M-H, Fix	ed, 95% Cl		
Sun2019	15	45	17	49	3.7%	0.94 [0.40, 2.21]			<u> </u>		
Wang 2022	390	715	2005	3846	96.3%	1.10 [0.94, 1.29]					
Total (95% CI)		760		3895	100.0%	1.10 [0.94, 1.28]			•		
Total events	405		2022								
Heterogeneity: Chi ² =	0.13, df = 1 (P =	0.72); l2 :	= 0%				0.01	0.1	!	10	100
Test for overall effect:					0.01	Favours [reduced E-cadherin]	Favours [preserv	1.46			

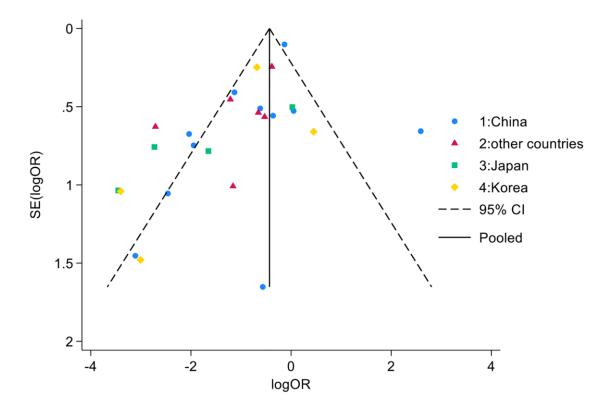
Supplementary Figure 4. Forest plot of the odds ratio for the correlation of E-cadherin expression with smoking status.



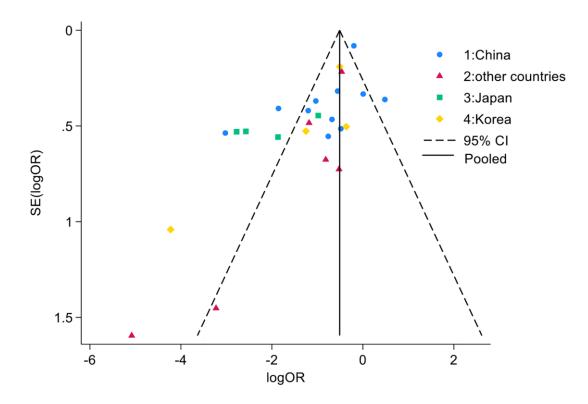
Supplementary Figure 5. Forest plot of the odds ratio for the correlation of E-cadherin expression with familial history.

	reduced E-cadherin preserved E-cadherin			Odds Ratio		Odds Ratio				
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% Cl		M-H, Rand	om, 95% Cl	
Ayed-Guerfali 2014	13	29	16	42	23.1%	1.32 [0.51, 3.45]			•	
Bahnassy 2018	48	108	60	84	28.7%	0.32 [0.17, 0.59]				
Mohamed 2019	6	28	16	36	20.7%	0.34 [0.11, 1.04]				
Zhou 2016	37	79	25	60	27.6%	1.23 [0.63, 2.43]			-	
Total (95% CI)		244		222	100.0%	0.65 [0.29, 1.46]		-	-	
Total events	104		117							
Heterogeneity: Tau ² = 0.50; Chi ² = 12.00, df = 3 (P = 0.007); i ² = 75%								0.1		100
Test for overall effect: $Z = 1.04$ (P = 0.30)									10	
		,						Favours [reduced E-cadherin]	Favours [preserved E-	cadherin]

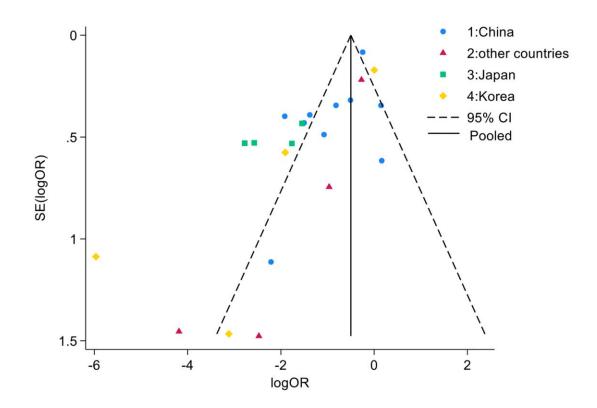
Supplementary Figure 6. Forest plot of the odds ratio for the correlation of E-cadherin expression with HP infection.



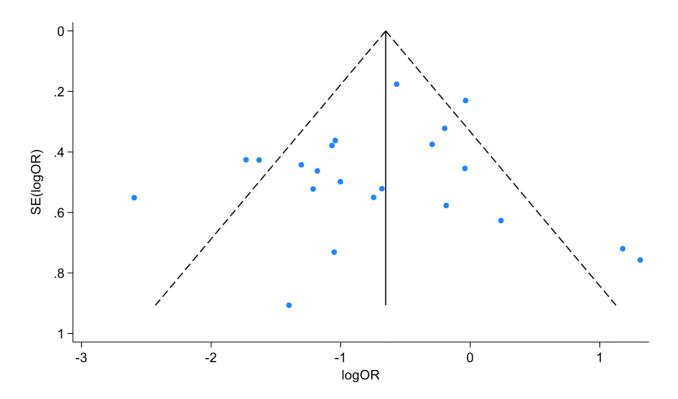
Supplementary Figure 7. Funnel plot of the odds ratio for the correlation of E-cadherin expression with one-year overall survival.



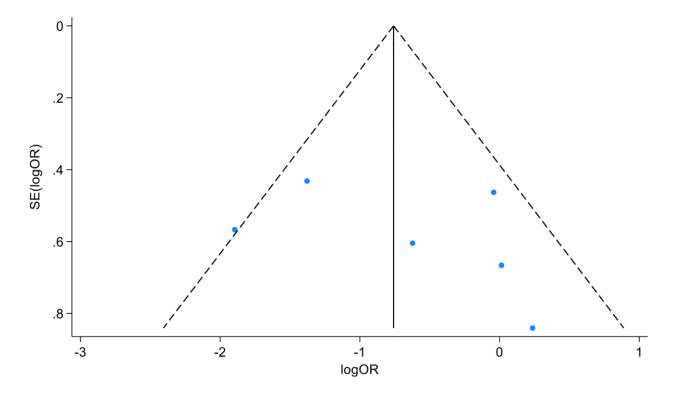
Supplementary Figure 8. Funnel plot of the odds ratio for the correlation of E-cadherin expression with three-year overall survival.



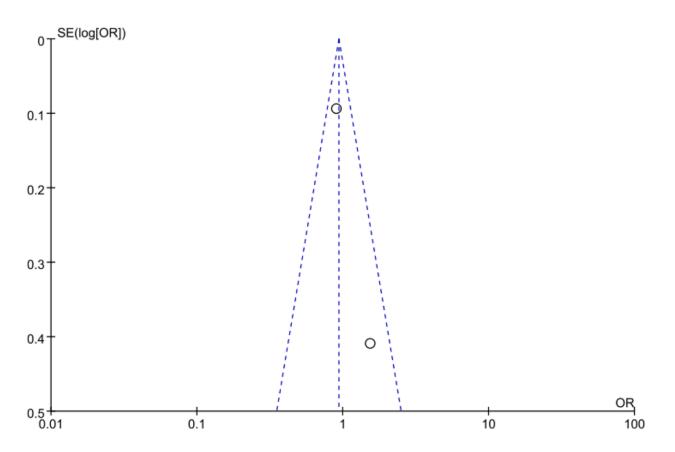
Supplementary Figure 9. Funnel plot of the odds ratio for the correlation of E-cadherin expression with five-year overall survival.



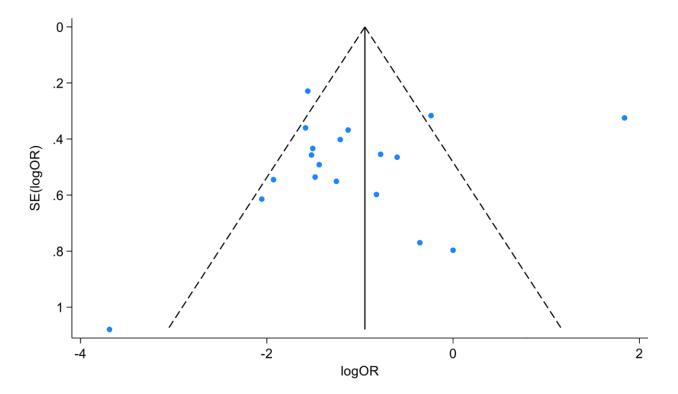
Supplementary Figure 10. Funnel plot of the odds ratio for the correlation of E-cadherin expression with depth of invasion.



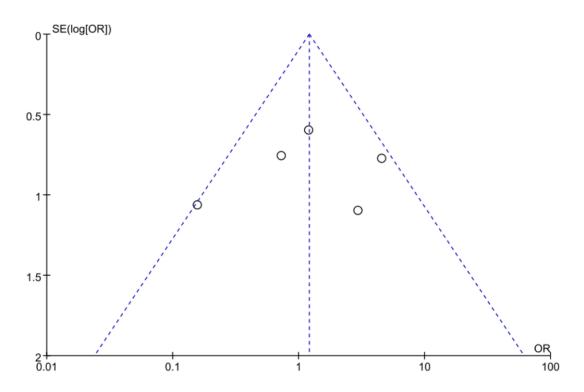
Supplementary Figure 11. Funnel plot of the odds ratio for the correlation of E-cadherin expression with Borrmann classification.



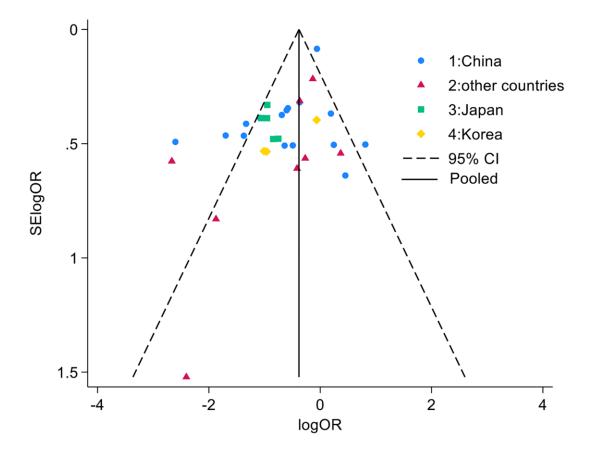
Supplementary Figure 12. Funnel plot of the odds ratio for the correlation of E-cadherin expression with familial history.



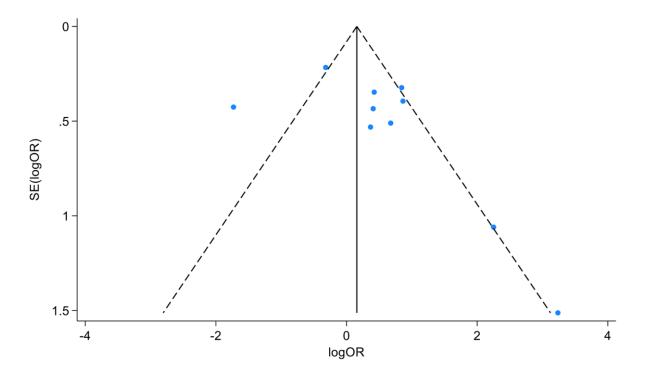
Supplementary Figure 13. Funnel plot of the odds ratio for the correlation of E-cadherin expression with and Lauren type.



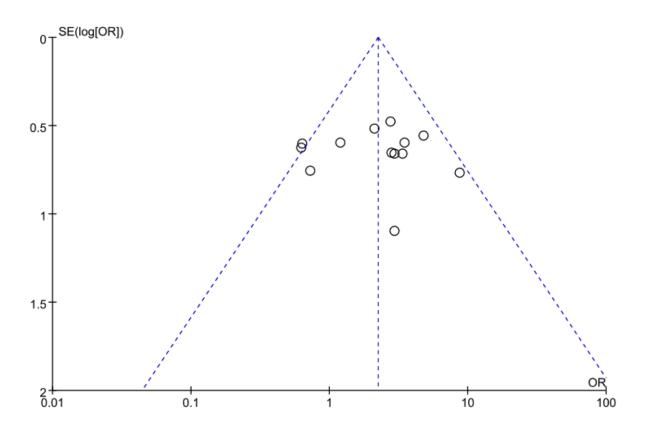
Supplementary Figure 14. Funnel plot of the odds ratio for the correlation of E-cadherin expression with liver metastasis.



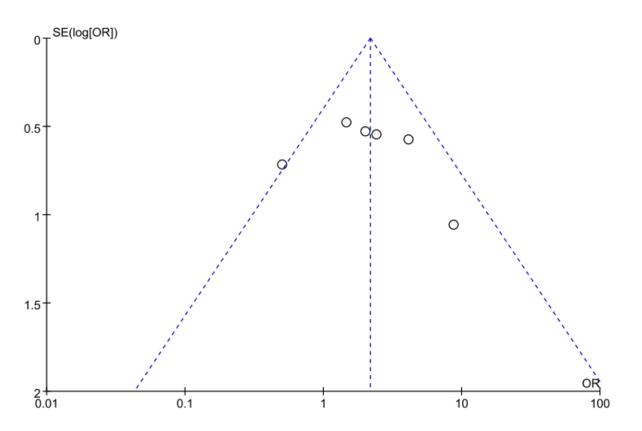
Supplementary Figure 15. Funnel plot of the odds ratio for the correlation of E-cadherin expression with lymphatic node metastasis.



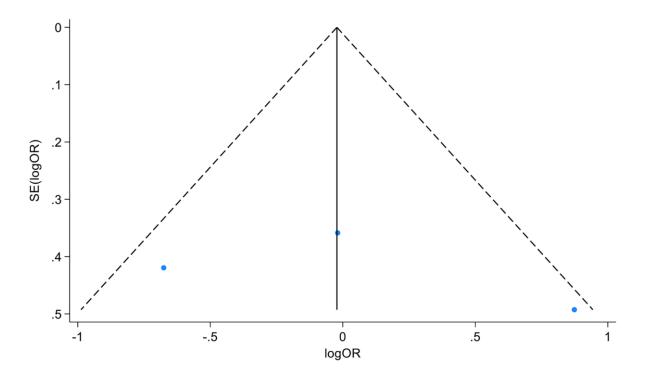
Supplementary Figure 16. Funnel plot of the odds ratio for the correlation of E-cadherin expression with lymphatic vessel invasion.



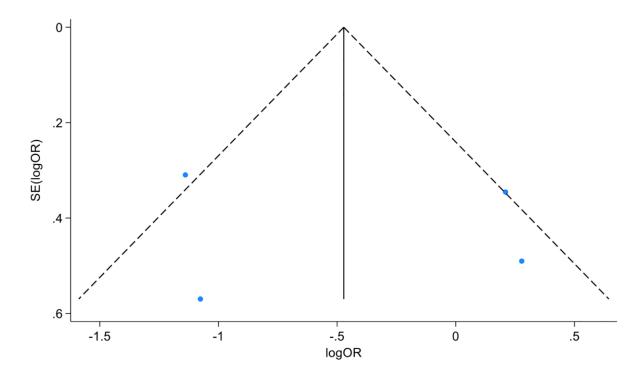
Supplementary Figure 17. Funnel plot of the odds ratio for the correlation of E-cadherin expression with distant metastasis.



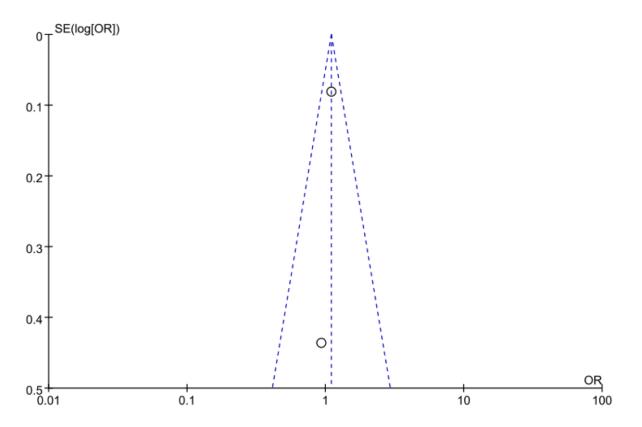
Supplementary Figure 18. Funnel plot of the odds ratio for the correlation of E-cadherin expression with peritoneal metastasis.



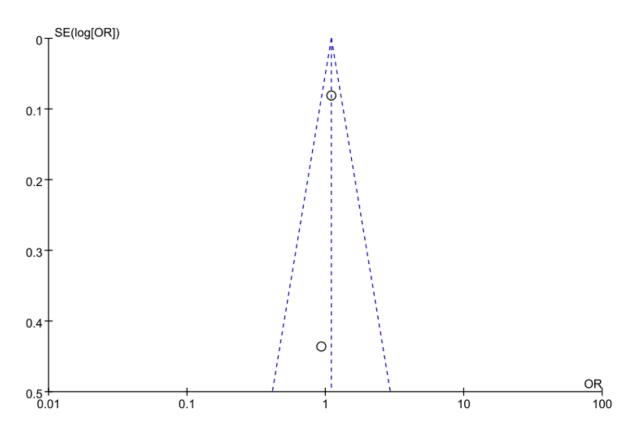
Supplementary Figure 19. Funnel plot of the odds ratio for the correlation of E-cadherin expression with perineural invasion.



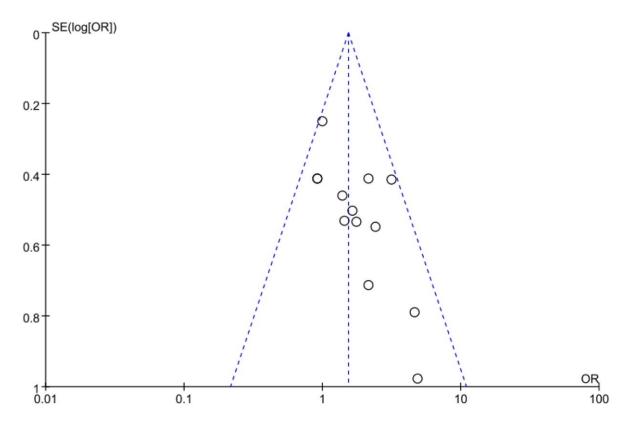
Supplementary Figure 20. Funnel plot of the odds ratio for the correlation of E-cadherin expression with HP infection.



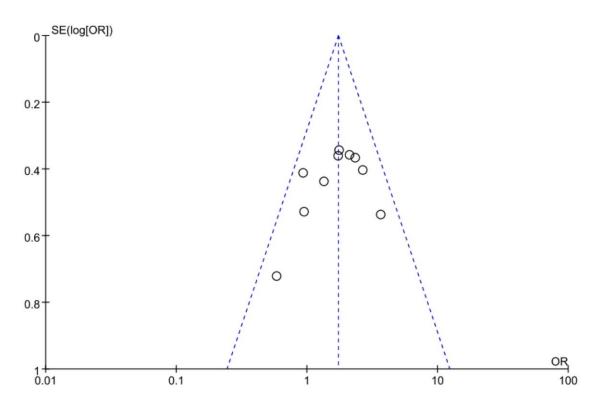
Supplementary Figure 21. Funnel plot of the odds ratio for the correlation of E-cadherin expression with alcohol consumption.



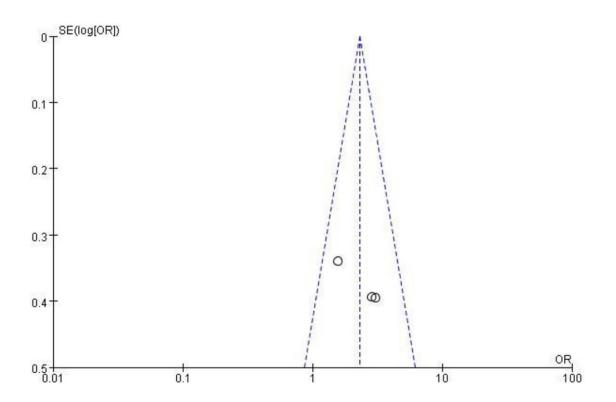
Supplementary Figure 22. Funnel plot of the odds ratio for the correlation of E-cadherin expression with smoking status.



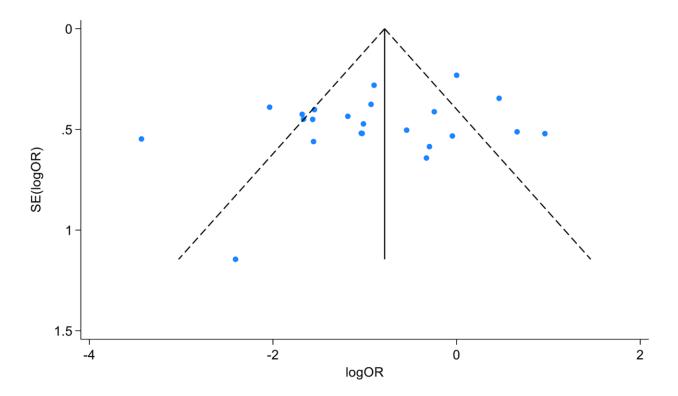
Supplementary Figure 23. Funnel plot of the odds ratio for the correlation of E-cadherin expression with vascular invasion.



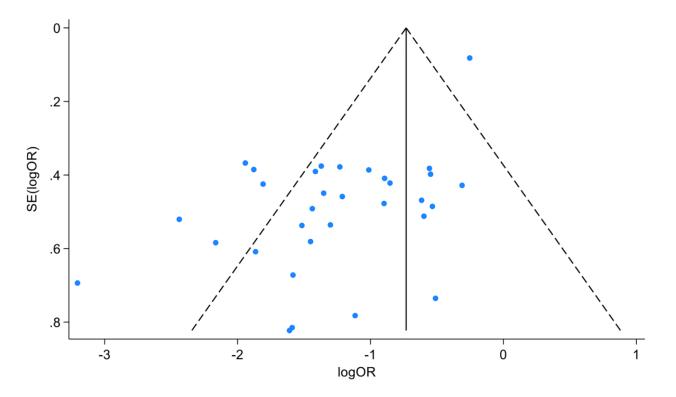
Supplementary Figure 24. Funnel plot of the odds ratio for the correlation of E-cadherin expression with tumor size (≥5 cm vs. <5 cm).



Supplementary Figure 25. Funnel plot of the odds ratio for the correlation of E-cadherin expression with tumor size (≥6 cm vs. <6 cm).



Supplementary Figure 26. Funnel plot of the odds ratio for the correlation of E-cadherin expression with TNM stage.



Supplementary Figure 27. Funnel plot of the odds ratio for the correlation of E-cadherin expression with differentiation grade.