

How does lesion size affect the pooled effect of traction-assisted endoscopic submucosal dissection on procedure time? A meta-regression

A letter to the editor

(Supplementary Materials)

Letter to the editor on: Xia, M., Zhou, Y., Yu, J., Chen, W., Huang, X., & Liao, J. Short-term outcomes of traction-assisted versus conventional endoscopic submucosal dissection for superficial gastrointestinal neoplasms: a systematic review and meta-analysis of randomized controlled studies. *World journal of surgical oncology*. 2019;17:94.

Table S1
Meta-regression of lesion size on procedure time

Fixed effect regression

	Point estimate	Standard error	Lower limit	Upper limit	Z-value	p-Value
Slope	-1.01940	0.28395	-1.57593	-0.46287	-3.59010	0.00033
Intercept	15.97709	6.69121	2.86256	29.09161	2.38777	0.01695

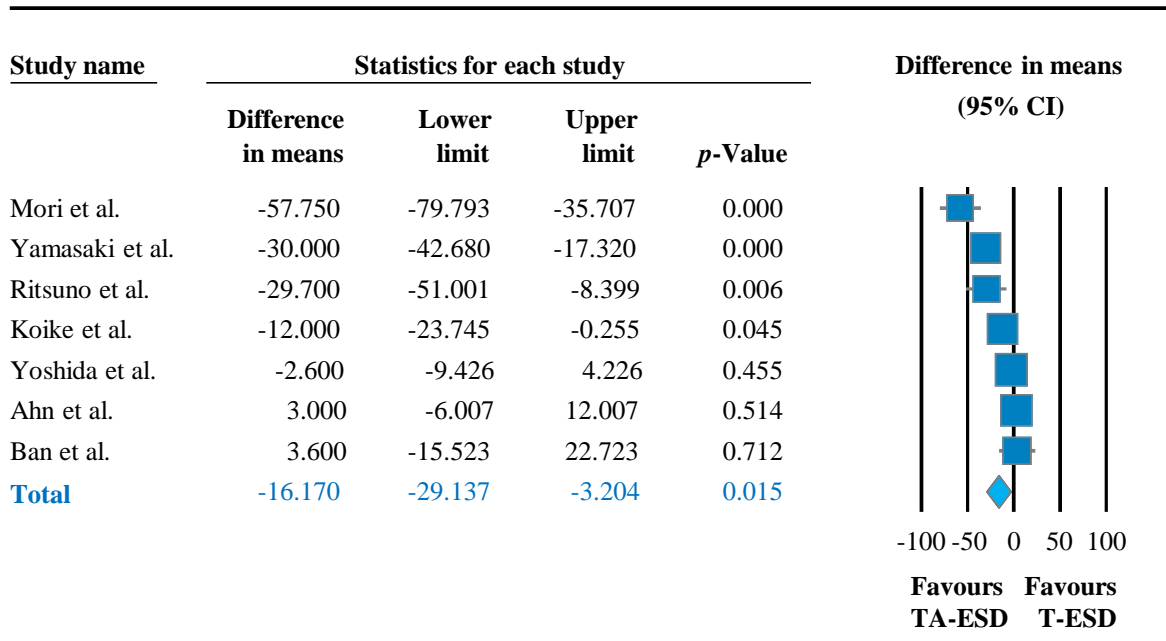
Mixed effects regression (method of moments)

	Point estimate	Standard error	Lower limit	Upper limit	Z-value	p-Value
Slope	-1.19915	0.54605	-2.26939	-0.12890	-2.19602	0.02809
Intercept	20.17277	14.39775	-8.04630	48.39185	1.40111	0.16118

Mixed effects regression (unrestricted maximum likelihood)

	Point estimate	Standard error	Lower limit	Upper limit	Z-value	p-Value
Slope	-1.15253	0.44119	-2.01724	-0.28781	-2.61233	0.00899
Intercept	19.09319	11.41112	-3.27219	41.45857	1.67321	0.09429

Figure S1
Forest plot of procedure time



Sensitivity analysis

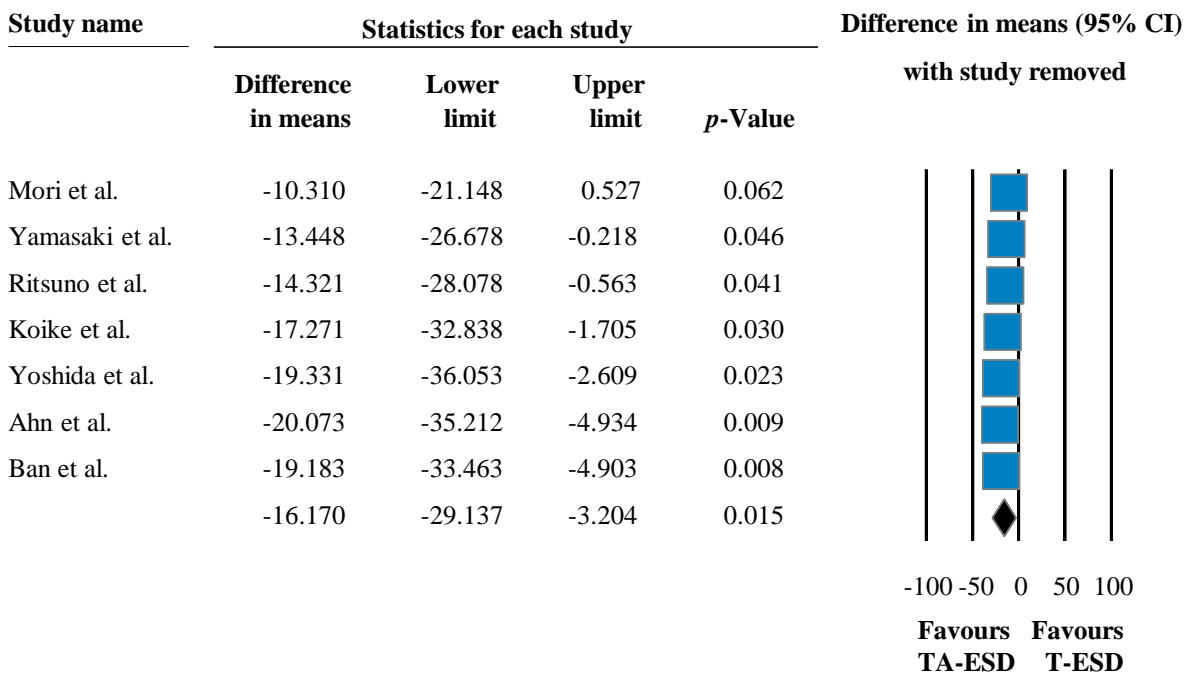
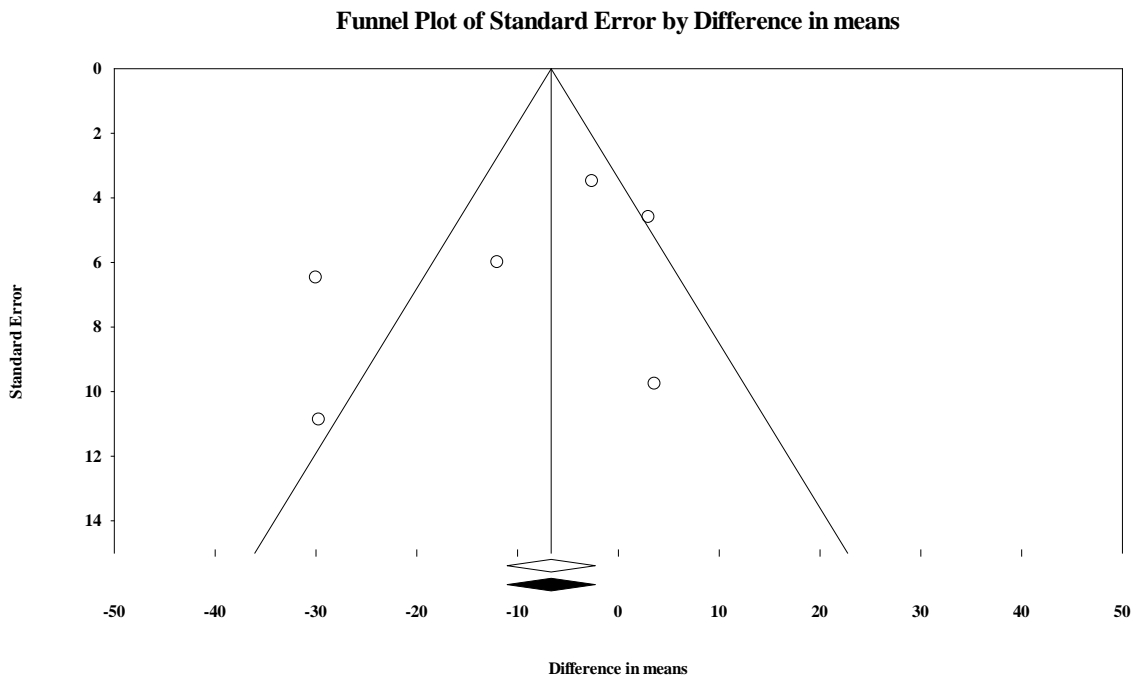


Figure S2

Small study effect of procedure time



Egger's regression intercept

Intercept	-2.84985
Standard error	2.40831
95% lower limit (2-tailed)	-9.53640
95% upper limit (2-tailed)	3.83670
t-value	1.18334
df	4.00000
P-value (1-tailed)	0.15110
P-value (2-tailed)	0.30220

Begg and Mazumdar rank correlation

Kendall's S statistic (P-Q)	-7.00000
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Kendall's tau without continuity correction

Tau	-0.46667
z-value for tau	1.31507
P-value (1-tailed)	0.09424
P-value (2-tailed)	0.18849

Kendall's tau with continuity correction

Tau	-0.40000
z-value for tau	1.12720
P-value (1-tailed)	0.12983
P-value (2-tailed)	0.25966