Volatile organic compounds as a potential screening tool for neoplasm of the digestive

system: A meta-analysis

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STATA Operation Details

We used midas in STATA software to summarize data and output graphics.
1.Enter raw data (including author, year, tp, fp, tn, fn) in the Data Editor

2. Enter the code in the command.

Notes:
    1. Unicode is supported; see help unicode_advice.
    2. Maximum number of variables is set to 5000; see help set_maxvar.

running /Applications/Stata/ado/base/profile.do ...

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3.Input "midas tp fp fn tn, id(author year) ms(0.75) ford fors bfor(dss)", and get a forest plot of pooled sensitivity and specificity.

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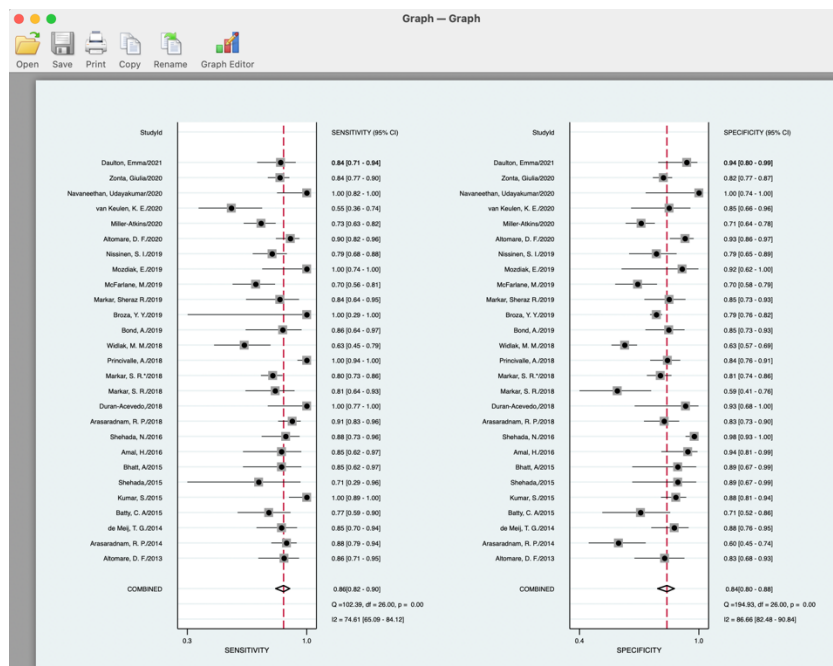
4. Input "midas tp fp fn tn, id(author year) ms(0.75) ford fors bfor(dss)",and get the Summary ROC Curve.
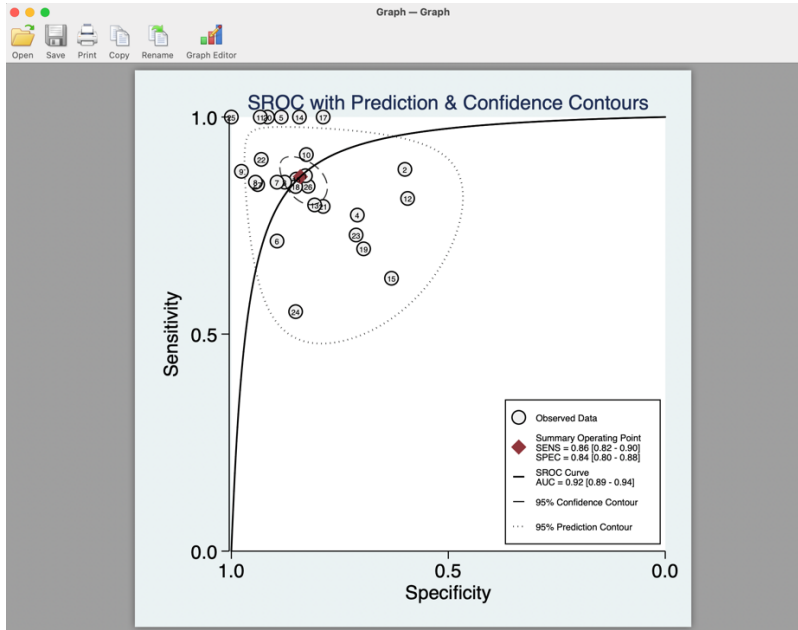
6. Input "midas tp fp fn tn, id(author year) ms(0.75) ford fors bfor(dlr)", and get a forest plot of the pooled PLR and NLR.
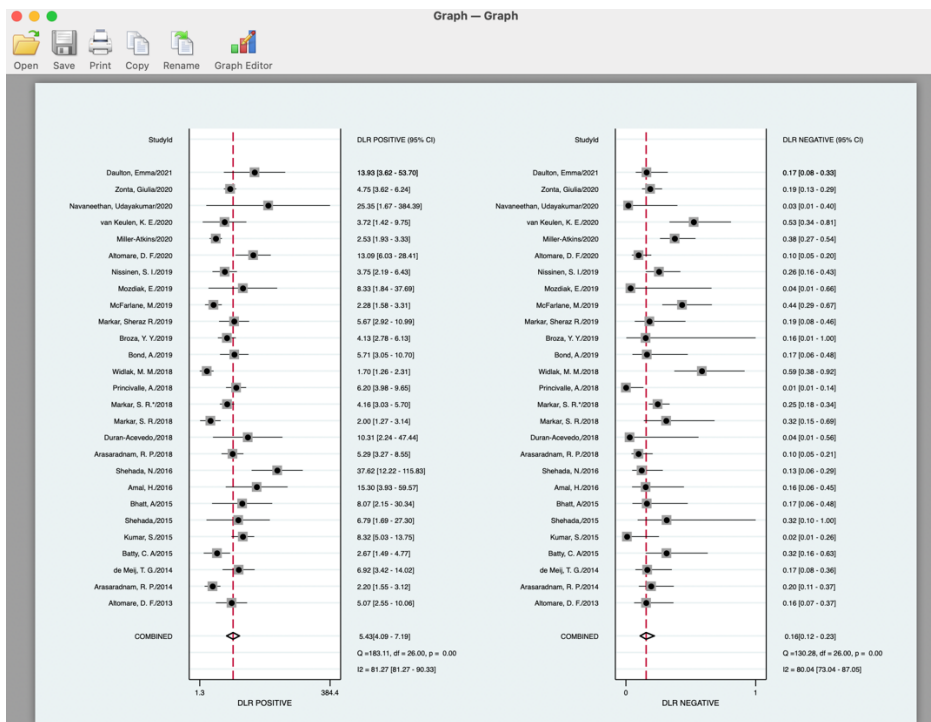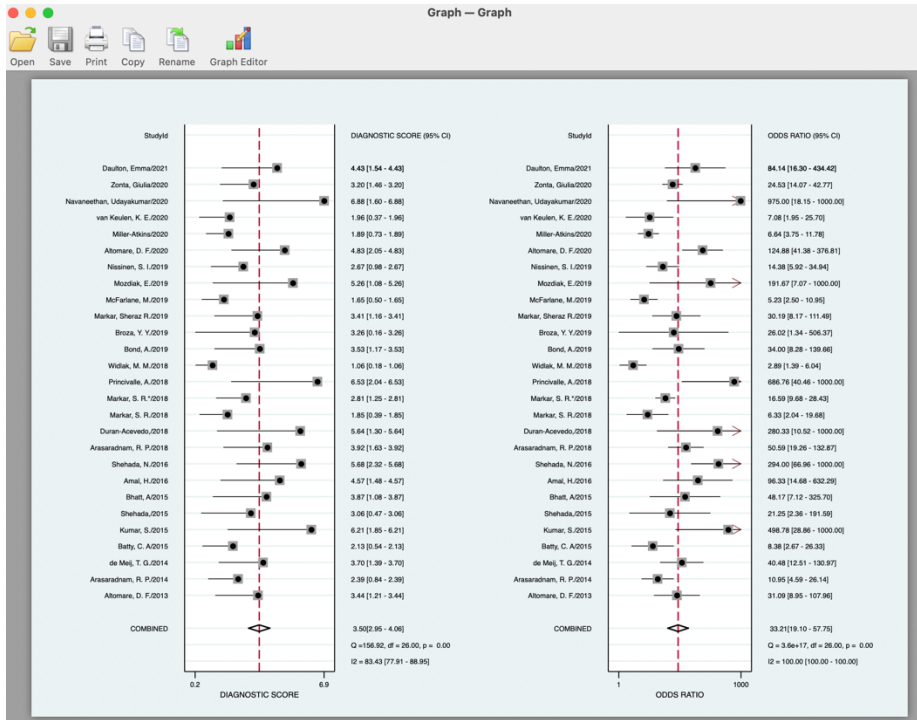

7. Input "midas tp fp fn tn, id(author year) ms(0.75) ford fors bfor(dlor)", and get a forest plot of the pooled the pooled DOR.

8. Input "midas tp fp fn tn, pubbias",and get a Deeks'Funnel Plot.
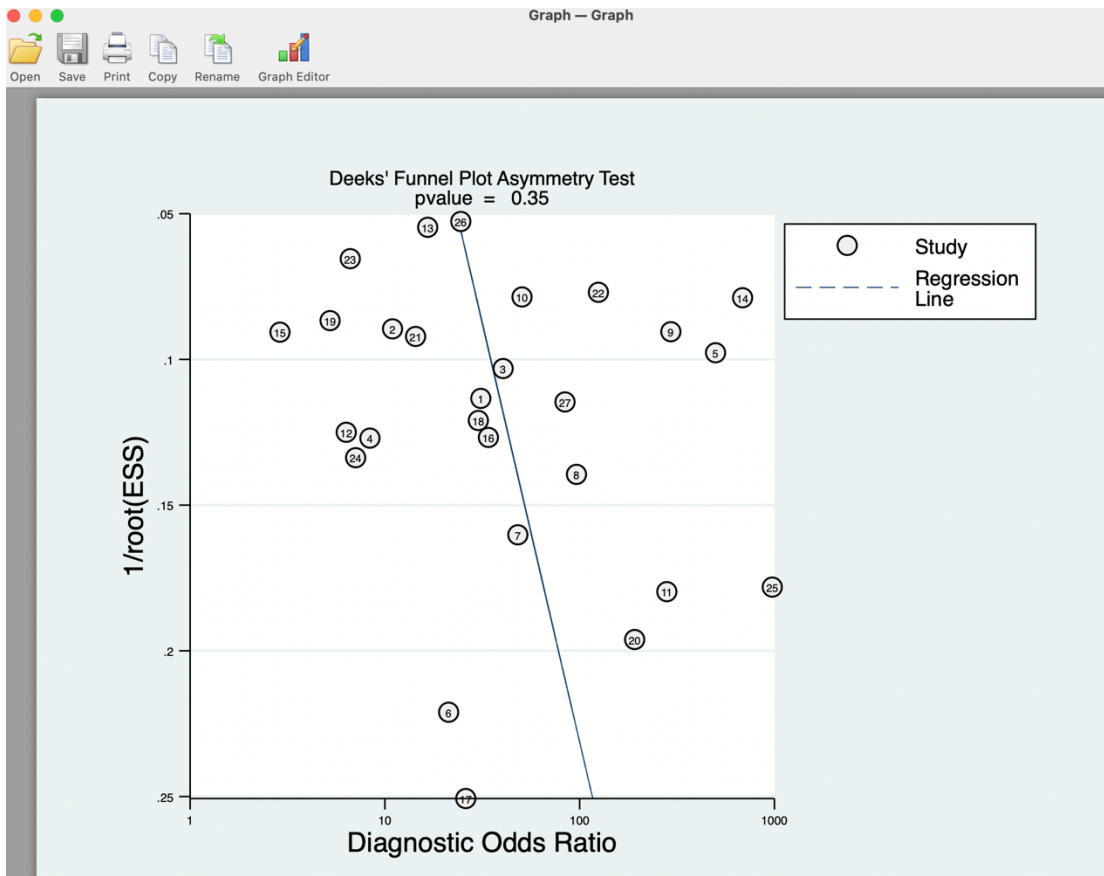
9. After assigning dichotomous variables to the data for meta-regression,Input "midas tp fp fn tn, reg(prodesign ssize30 fulverif testdescr refdescr subjdescr report brdspect blinded",and get the forest plots of univariate meta-regression.

Univariable Meta-regression & Subgroup Analyses

	Sensitivity(95% CI)	Specificity(95% CI)
**race Yes / *race Yes		
No		
***samplesize Yes		
No		
***MS Yes / **MS Yes		
No		
***IMS Yes		
No		
***Sensor Yes / **Sensor Yes		
No		
***breath Yes		
No		
**faeces Yes / *faeces Yes		
No		
***urine Yes		
No		
othersources Yes		
No		
***controlgroup Yes		
No		

*p<0.05, **p<0.01, ***p<0.0

*p<0.05, **p<0.01, ***p<0.001