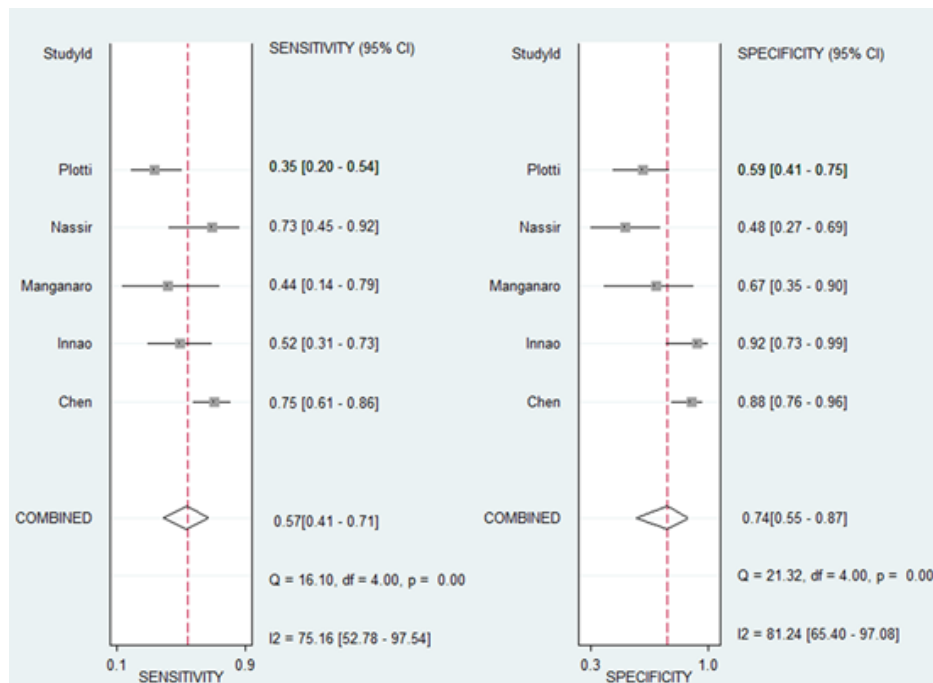


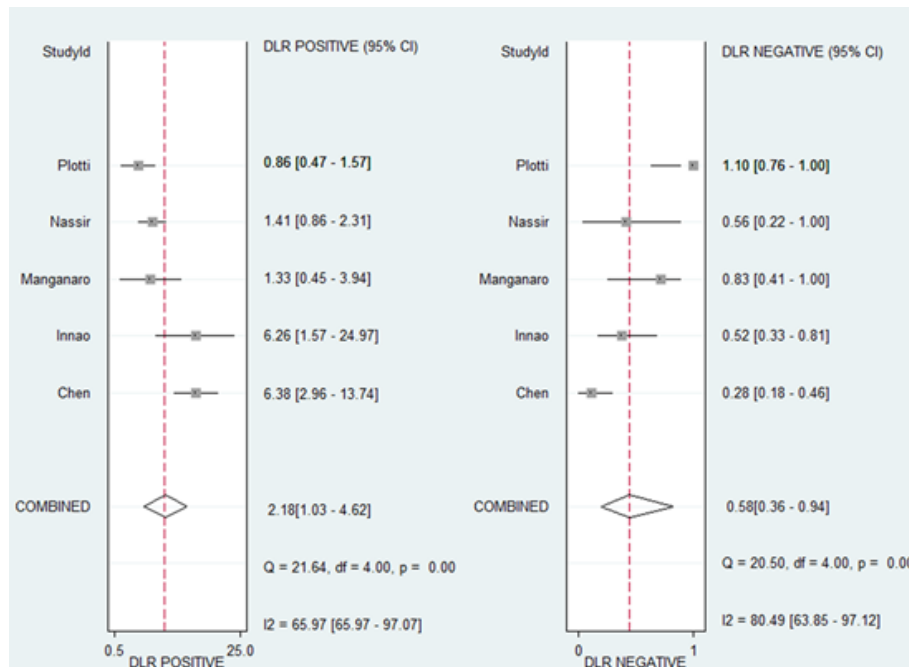


Supplementary Files 2 & 3



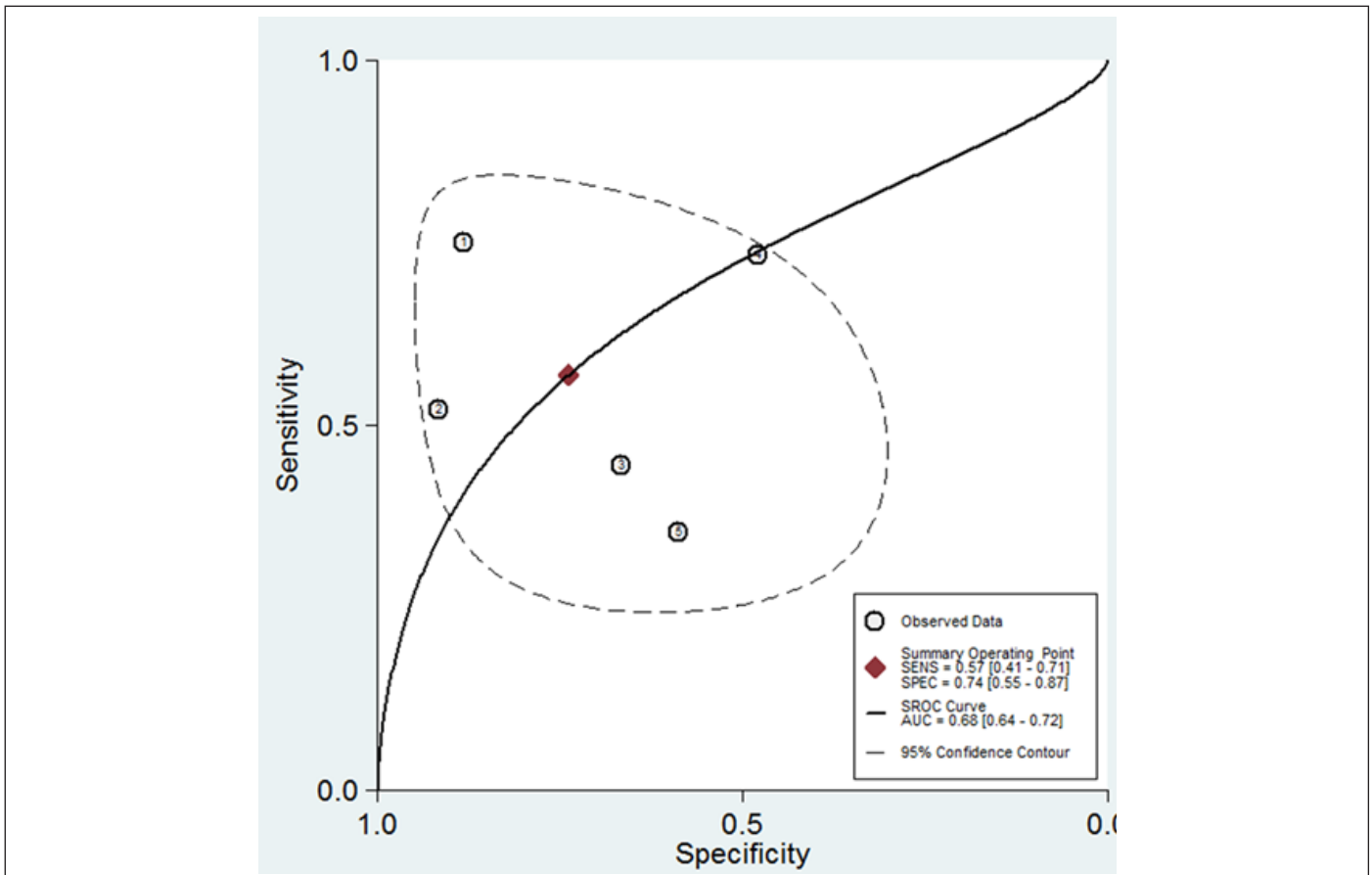
Supplementary files 2-1: Forest plots of the sensitivity and specificity for CA125.

Abbreviation: Study Id: Study Identity (the first author of the included study)



Supplementary files 2-2: Forest plots of the PLR and NLR for CA125.

Abbreviations: PLR: Positive Likelihood Ratio; NLR: Negative Likelihood Ratio; StudyId: Study Identity (The First Author Of The Included Study); DLR positive: Positive Likelihood Ratio; DLR negative: Negative Likelihood Ratio.



Supplementary files 2-3: SROC curve and AUC of CA125

Abbreviations: SROC curve, the summary receiver operating characteristic curve; AUC, the area under the SROC curve

Supplementary Table 1: The technique, threshold, TP, FP, FN and TN of CA125.

Study	CA125 technique	CA125 threshold	TP	FP	FN	TN
Chen 2018	Relevant kits	35 U/ml	39	6	13	45
Innao 2016	N/A	two fold from post-operative	12	2	11	22
Manganaro 2013	Radioimmunoassay	35 U/ml	4	4	5	8
Nassir 2015	MILLIPLEX MAP Kit	11.5 U/ml	11	12	4	11
Plotti 2012	Radioimmunoassay	35 U/ml	12	14	22	20

Abbreviations: N/A: Not Available; ELISA: Enzyme-Linked Immunosorbent Assay; EIA: Enzyme Immunoassay; TP: True Positive; FP: False Positive; TN: True Negative ; FN: False Negative.