Supplementary Materials

Figure S1A: Forest plot for sensitivity and specificity of IVC-CI for diagnosis of PIH.

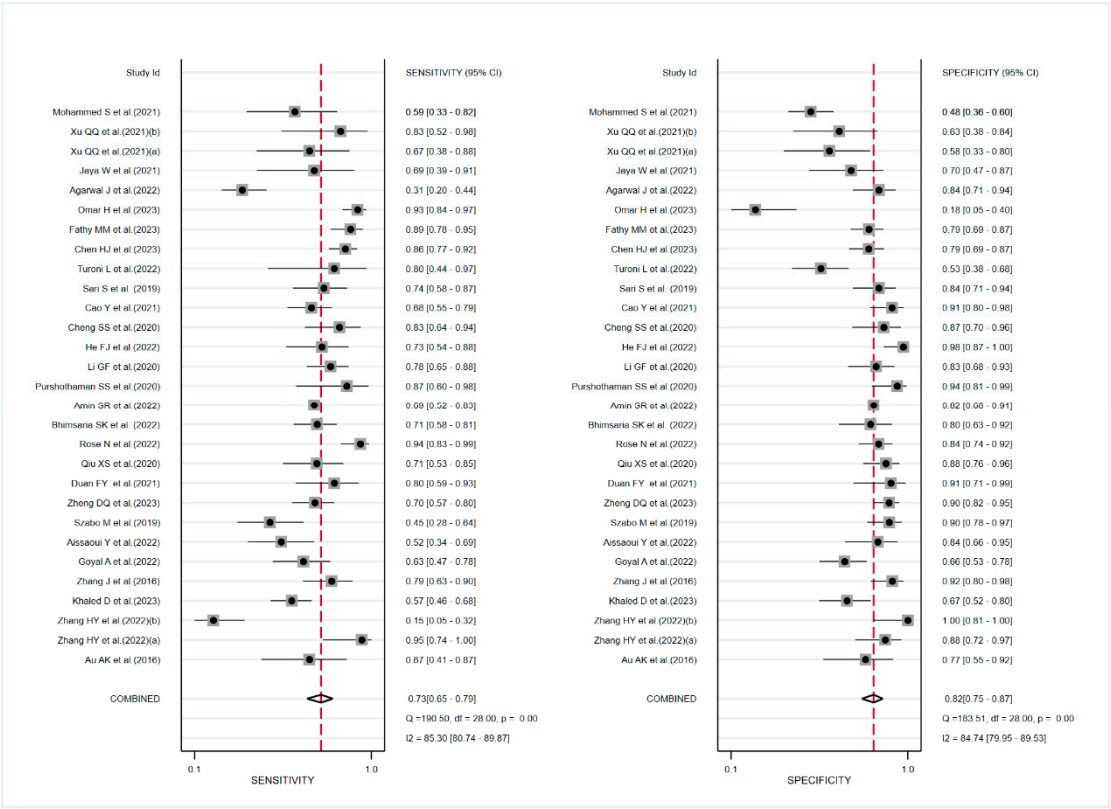


Figure S1B: Forest plot for sensitivity and specificity of DIVCmax for diagnosis of PIH.

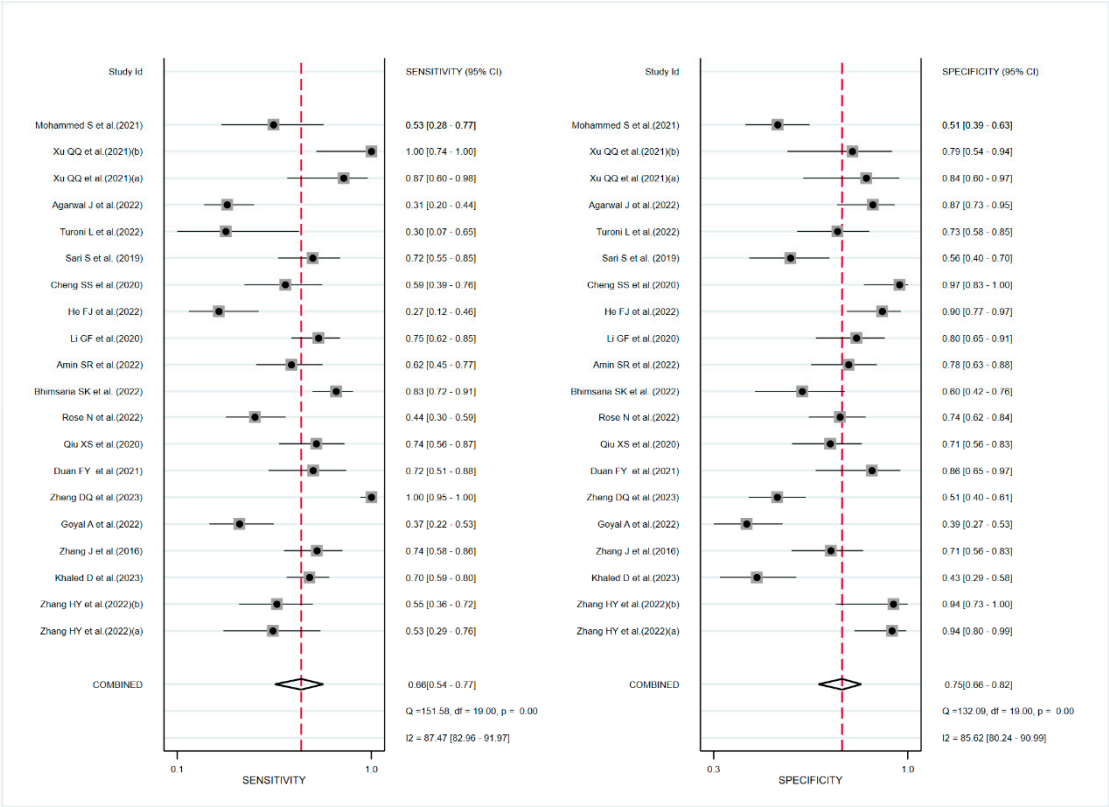


Figure S1C: Forest plot for sensitivity and specificity of DIVCmin for diagnosis of PIH.

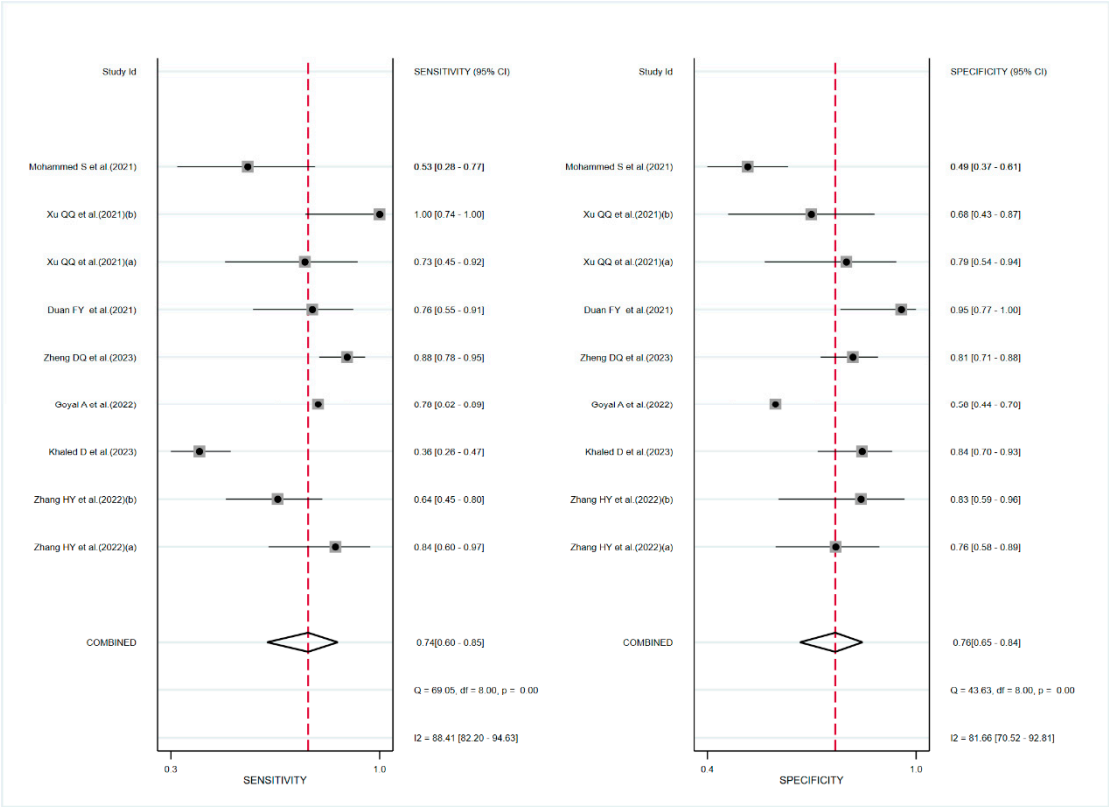


Figure S1D: Forest plot for sensitivity and specificity of carotid artery FTc for diagnosis of PIH.

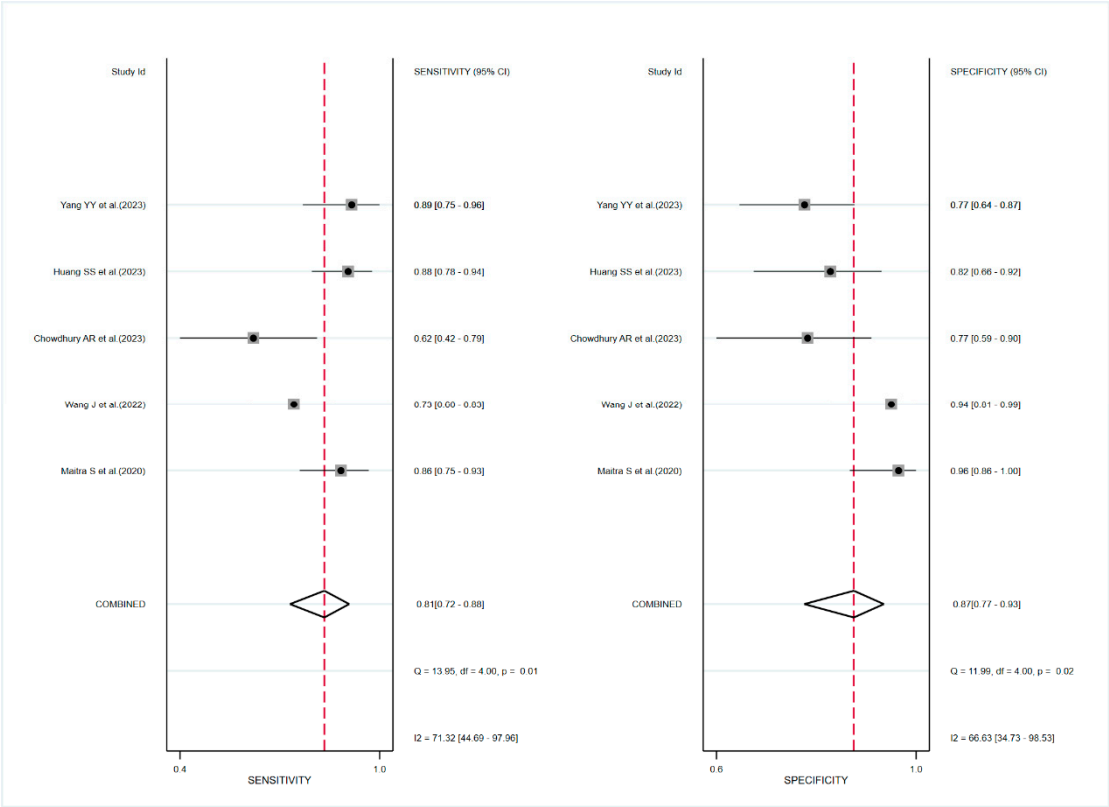


Figure S2A: Forest plot for the mean difference of IVC-CI between patients with PIH and without PIH.

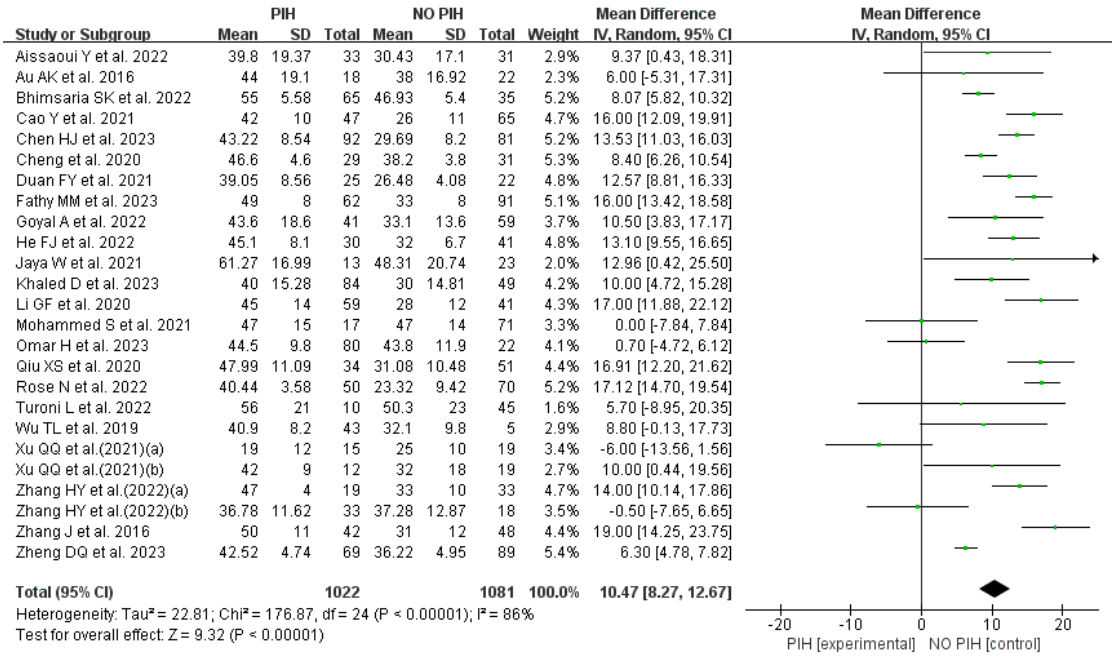


Figure S2B: Forest plot for the mean difference of DIVCmax between patients with PIH and without PIH.

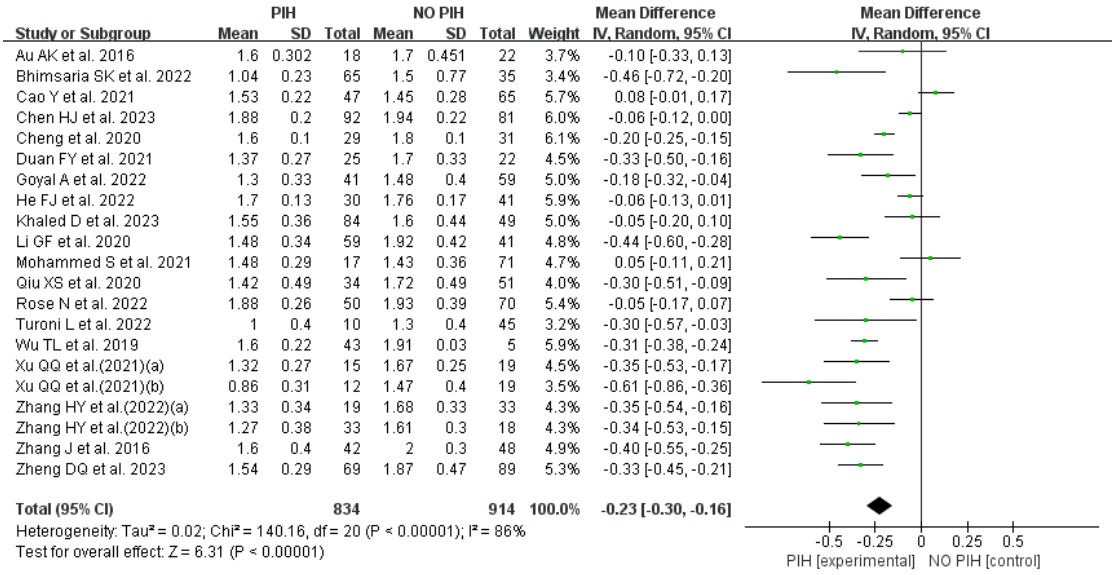


Figure S2C: Forest plot for the mean difference of DIVCmin between patients with PIH and without PIH.

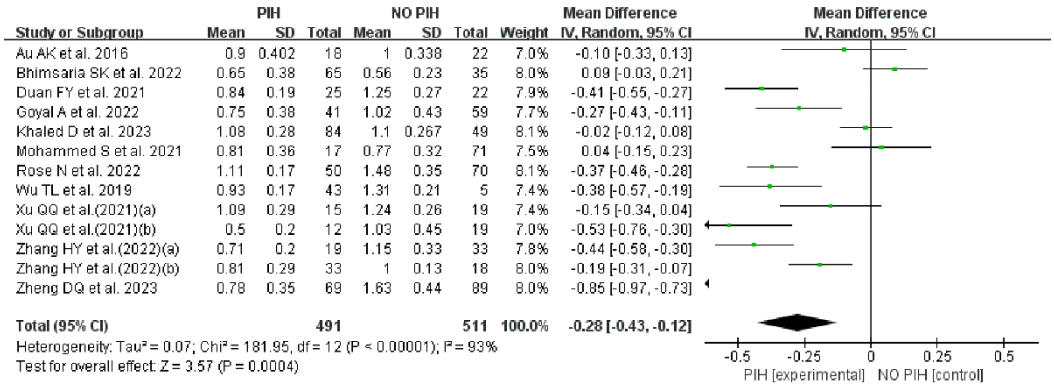


Figure S2D: Forest plot for the mean difference of carotid artery FTc between patients with PIH and without PIH.

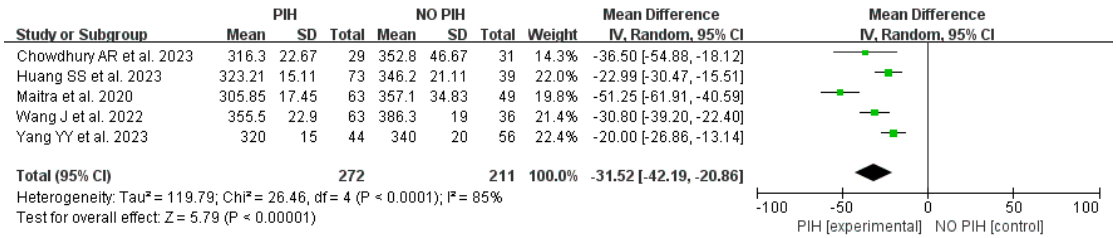


Figure S3A: Fagan's nomogram for IVC-CI.

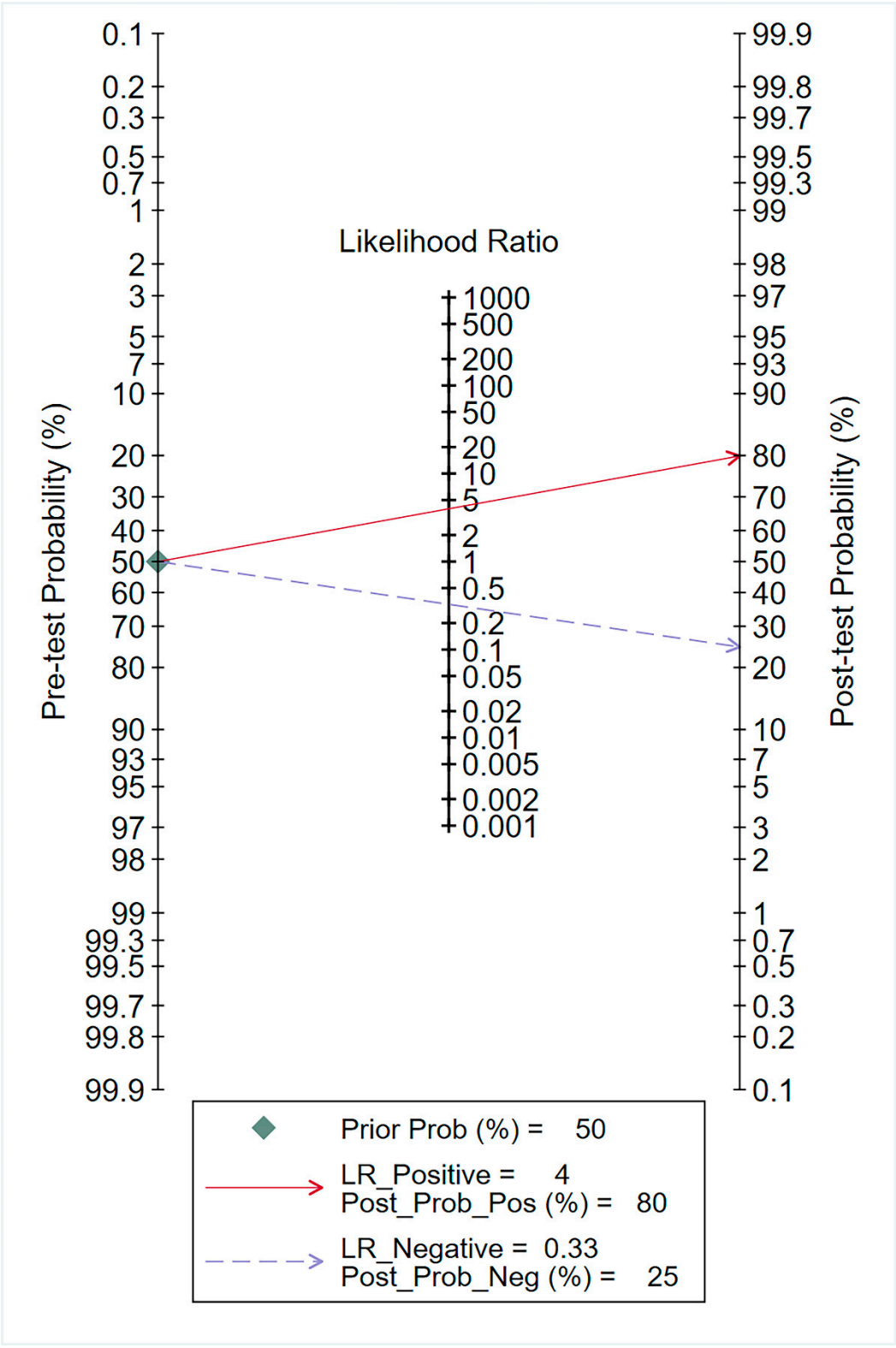


Figure S3B: Fagan's nomogram for DIVCmax.

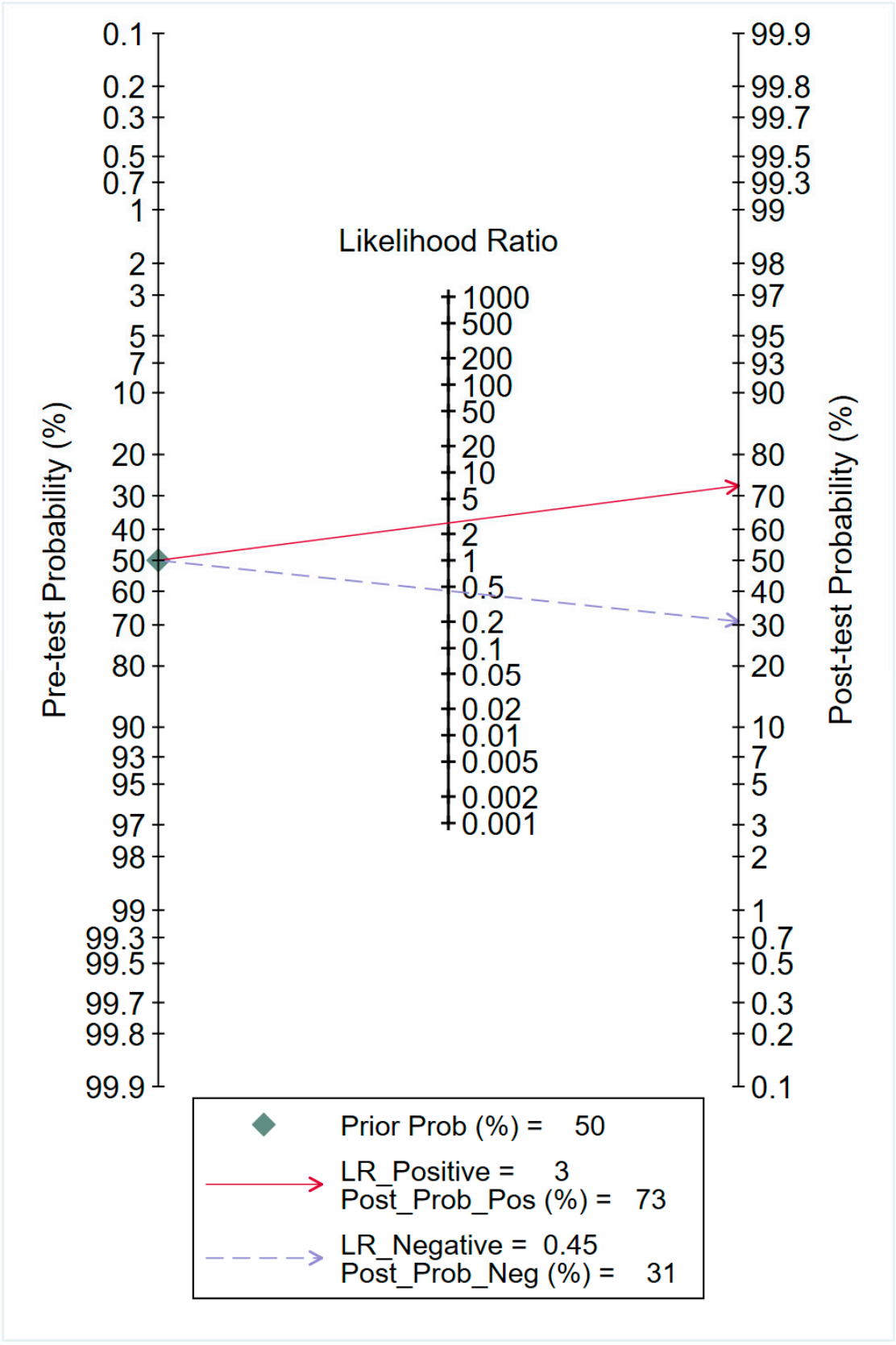


Figure S3C: Fagan's nomogram for DIVCmin.

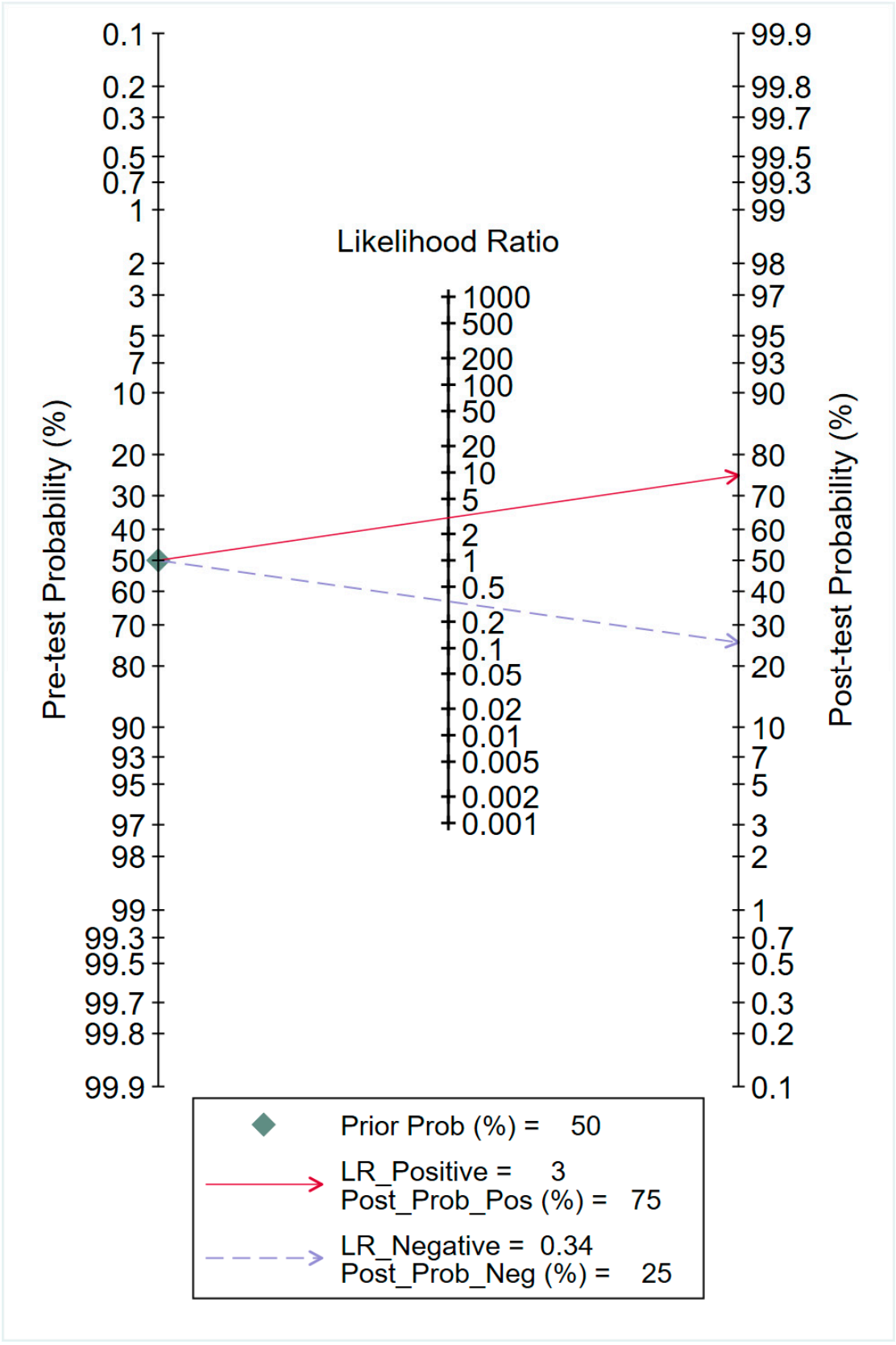


Figure S3D: Fagan's nomogram for carotid artery FTc.

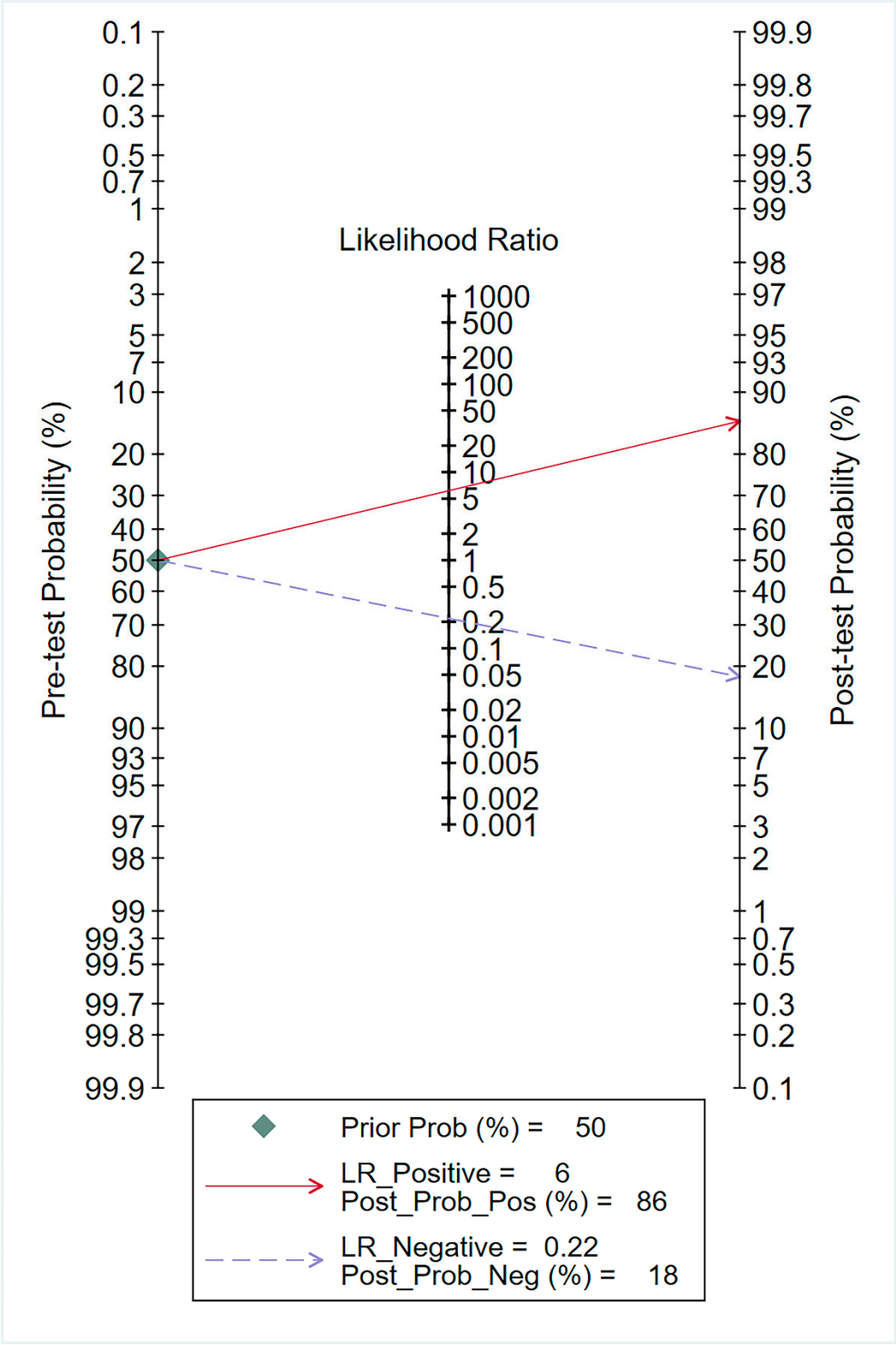
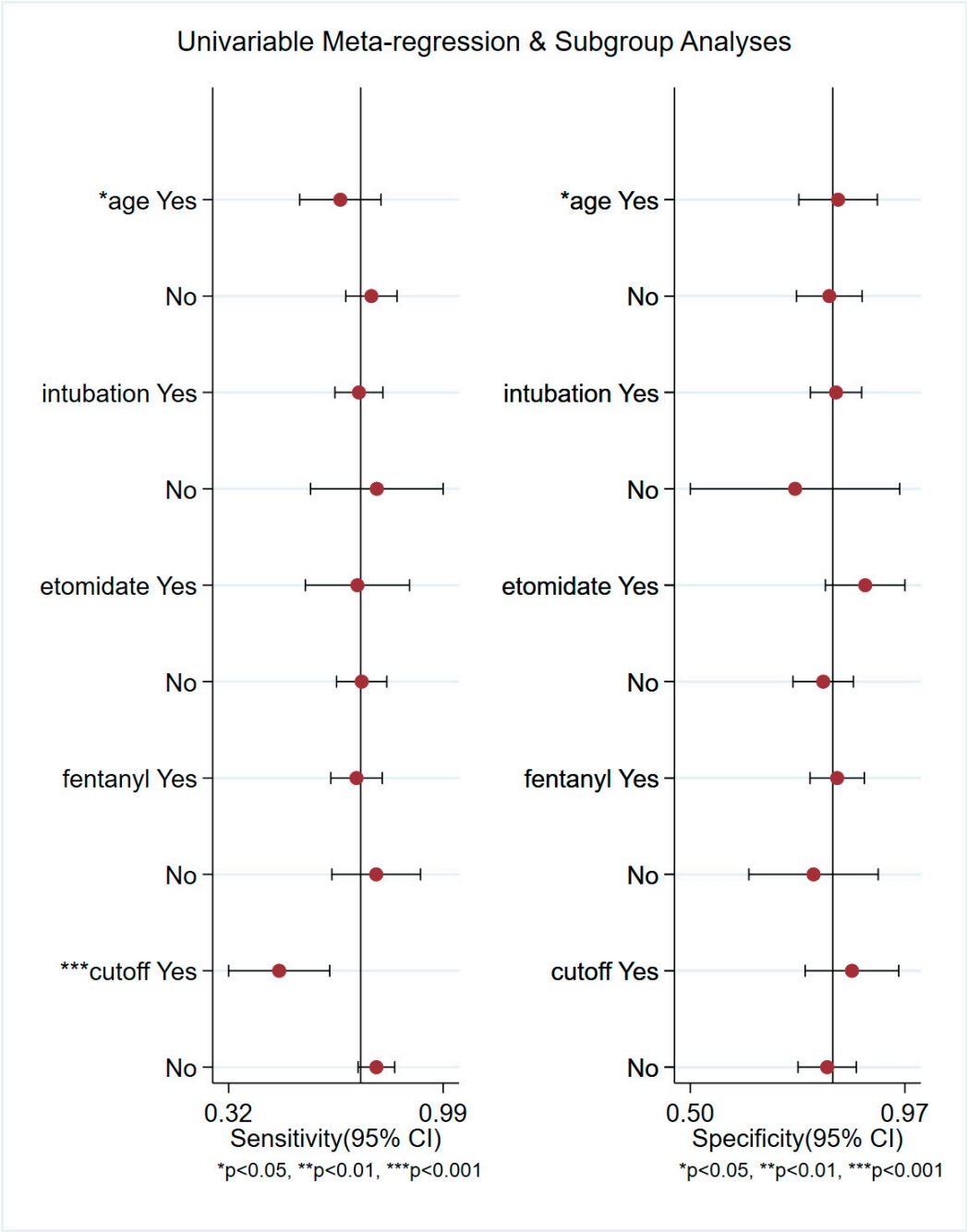
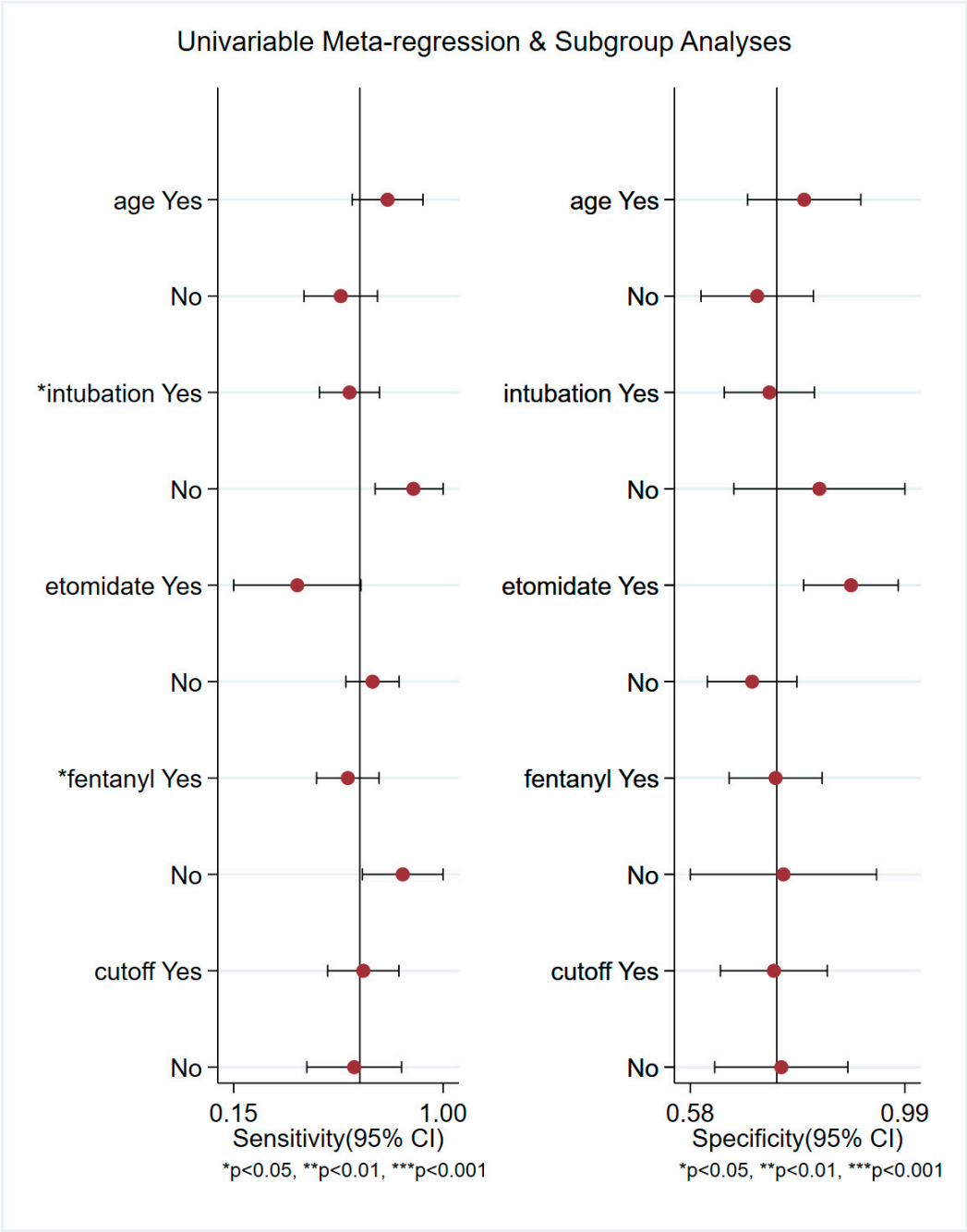


Figure S4A: Meta-regression for IVC-CI.



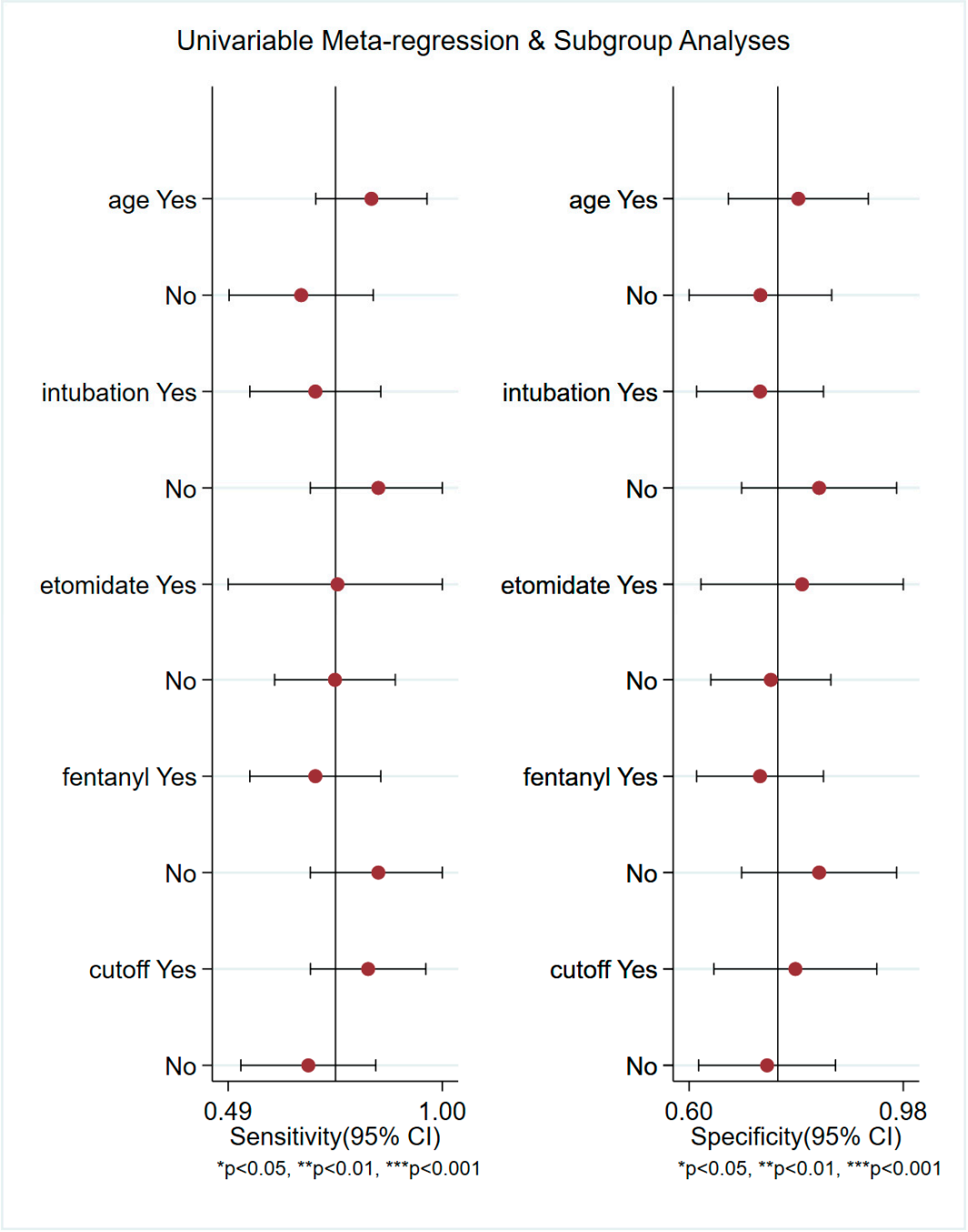
Notes: age: Yes = age > 60 years, No = other; etomidate: Yes = using etomidate for anesthesia induction, No = other; fentanyl: Yes = using fentanyl for anesthesia induction, No = other; cutoff: Yes = IVC-CI > 50%, No = other.

Figure S4B: Meta-regression for DIVCmax.



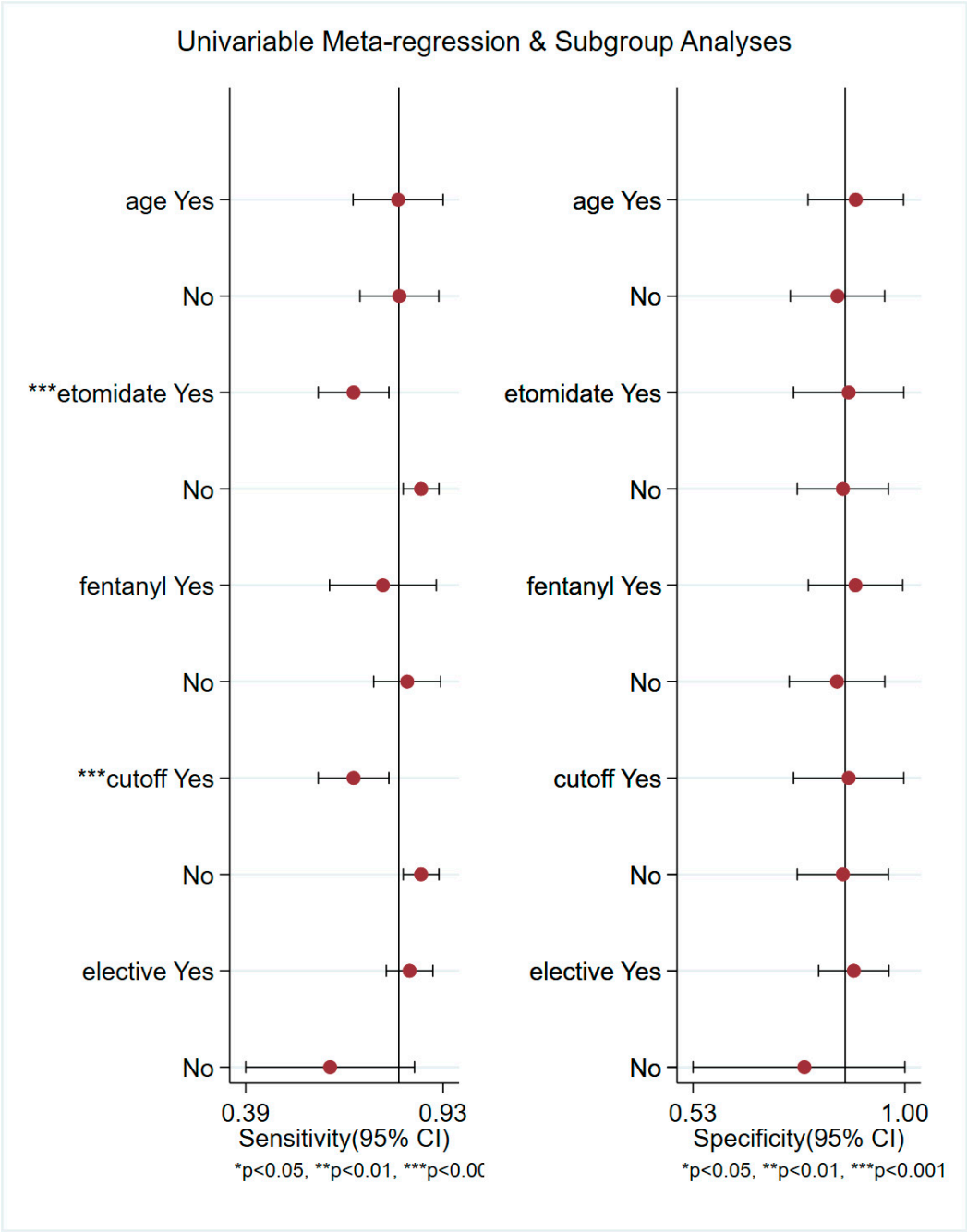
Notes: Yes = age > 60 years, No = other; etomidate: Yes = using etomidate for anesthesia induction, No = other; fentanyl: Yes = using fentanyl for anesthesia induction, No = other; cutoff: Yes = DIVCmax > 1.5cm, No = other.

Figure S4C: Meta-regression for DIVCmin.



Notes: Yes = age > 60 years, No = other; etomidate: Yes = using etomidate for anesthesia induction, No = other; fentanyl: Yes = using fentanyl for anesthesia induction, No = other; cutoff: Yes = DIVCmin>0.9cm, No = other.

Figure S4D: Meta-regression for carotid artery FTc.



Notes: Yes = age > 60 years, No = other; etomidate: Yes = using etomidate for anesthesia induction, No = other; fentanyl: Yes = using fentanyl for anesthesia induction, No = other; cutoff: Yes = carotid artery FTc > 340ms, No = other.

Figure S5A: Deeks' funnel plot asymmetry test for publication bias of IVC-CI.

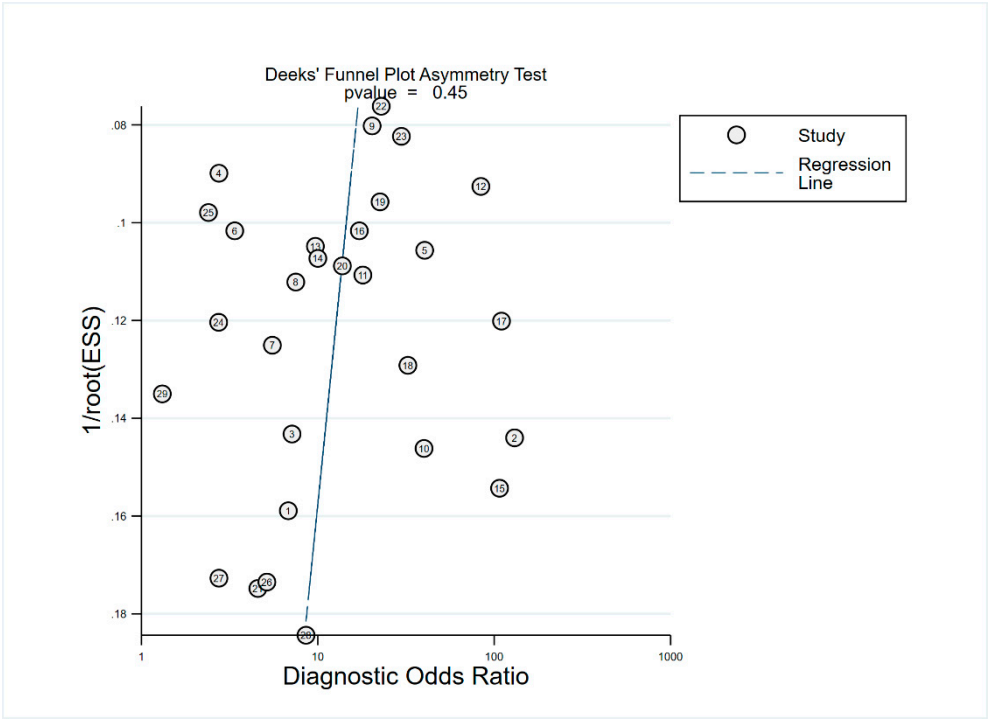


Figure S5B: Deeks' funnel plot asymmetry test for publication bias of DIVCmax.

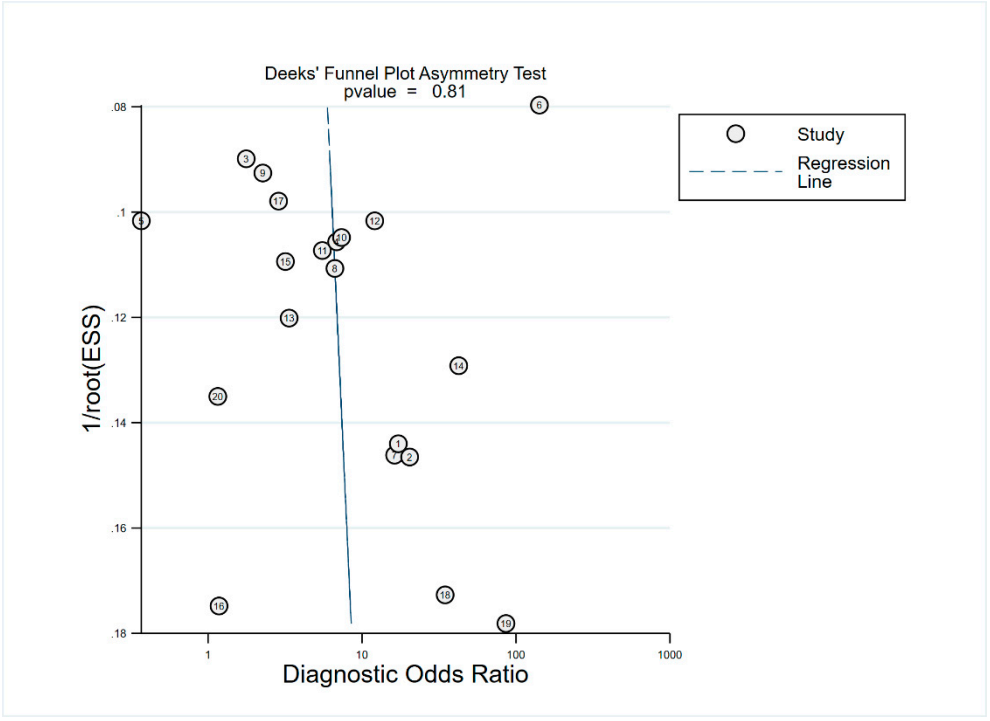


Figure S5C: Deeks' funnel plot asymmetry test for publication bias of DIVCmin.

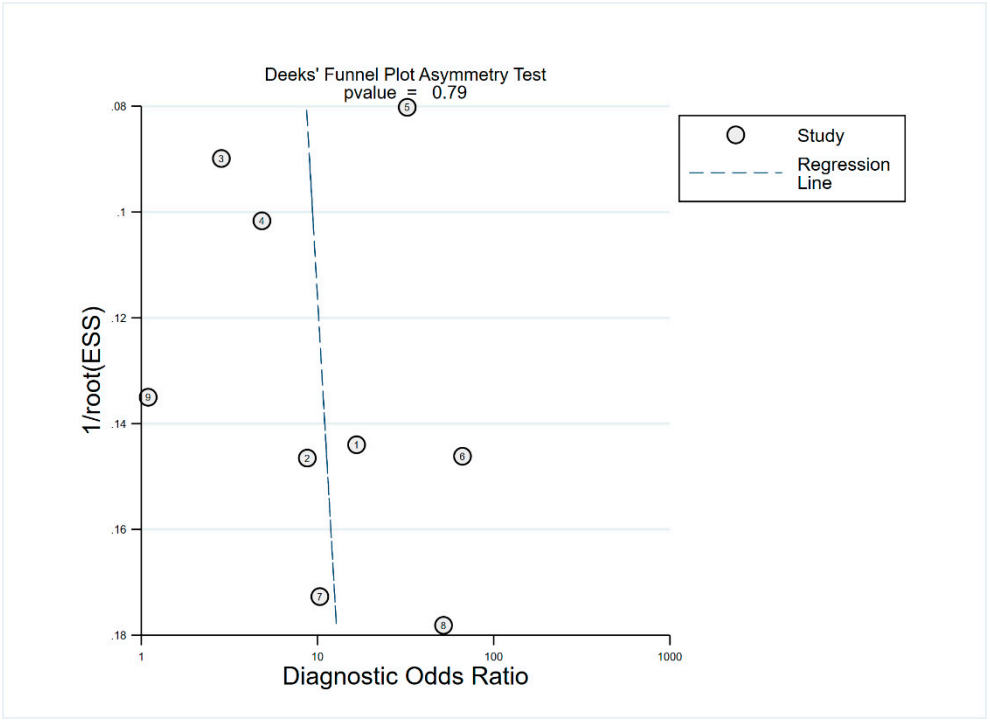


Figure S5D: Deeks' funnel plot asymmetry test for publication bias of carotid artery FTc.

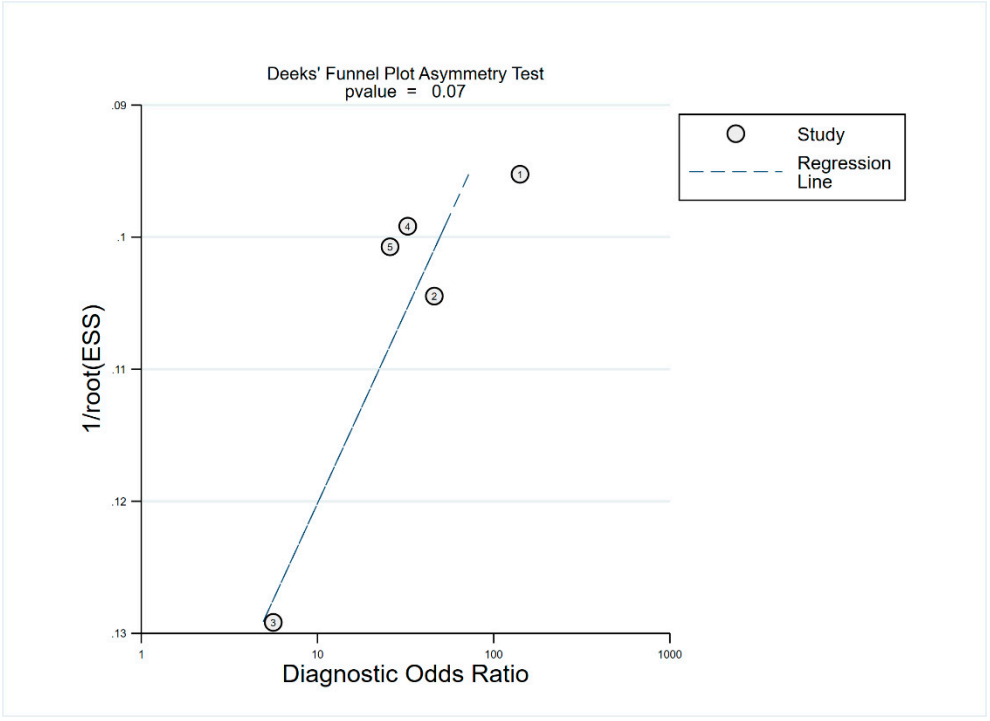
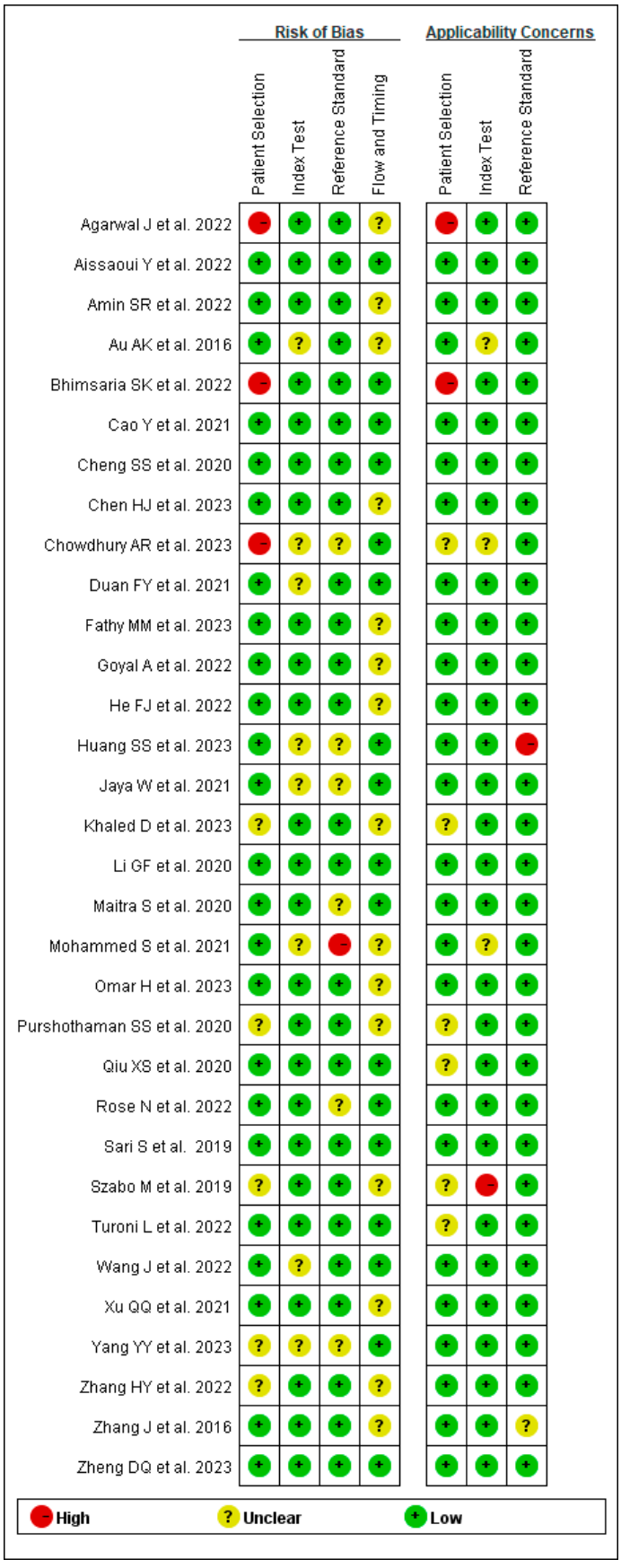


Figure S6: Assessment of Risk of Bias According to QUADAS-2.


Risk of Bias
Applicability Concerns
Patient Selection
Index Test
Reference Standard
Flow and Timing
Patient Selection
Index Test
Reference Standard
Agarwal J et al. 2022
Aissaoui Y et al. 2022
Amin SR et al. 2022
Au AK et al. 2016
Bhimsaria SK et al. 2022
Cao Y et al. 2021
Cheng SS et al. 2020
Chen HJ et al. 2023
Chowdhury AR et al. 2023
Duan FY et al. 2021
Fathy MM et al. 2023
Goyal A et al. 2022
He FJ et al. 2022
Huang SS et al. 2023
Jaya W et al. 2021
Khaled D et al. 2023
Li GF et al. 2020
Maitra S et al. 2020
Mohammed S et al. 2021
Omar H et al. 2023
Purshothaman SS et al. 2020
Qiu XS et al. 2020
Rose N et al. 2022
Sari S et al. 2019
Szabo M et al. 2019
Turoni L et al. 2022
Wang J et al. 2022
Xu QQ et al. 2021
Yang YY et al. 2023
Zhang HY et al. 2022
Zhang J et al. 2016
Zheng DQ et al. 2023
High
Unclear
Low