Figure s8c. Test accuracy studies evaluating rapid isothermal NAAT test vs. single standard non-rapid lab-based NAAT or composite reference standard when available, sensitivity analysis excluding studies that used different sample source and/or transport media in index sample compared to reference sample

| Study | Index | Index Sample | Reference | Ref Sample | TP FN | | | Sensitivity 95% | %-CI |
|--|---|---|--|---|--------------|---------|---------|--|----------------------------------|
| Bulterys Moore Smithgall Zhen Mitchell Eckel | Atila iAMP ID Now ID Now ID Now ID Now RT-LAMP | NPS-VTM NPS-VTM NPS-VTM NPS-VTM, MTS/NS-Dry NPS-VTM NPS/OPS-NR | Altona/Atila iAMP/LDT-CDC/LDT-SHC Abbott RT/ID now/LDT-CDC Cobas/CXX/ID Now CXX/ePlex/HPF/ID Now LDT-CDC or NY-LDT RT-PCR | NPS-VTM NPS-VTM NPS-VTM NPS-VTM; MTS/NS-Dry NPS-VTM NPS/OPS-NR | 33 13 | | ** | 0.92 [0.75; 0 0.80 [0.72; 0 0.75 [0.64; 0 0.89 [0.78; 0 0.72 [0.57; 0 0.17 [0.08; 0 | 0.87] 0.83] 0.96] 0.84] |
| Random effects model Heterogeneity: $I^2 = 93\%$, $\tau^2 = 1.5854$, $p < 0.01$ | | | | O attacking O | 1 0 1 | 0.2 0.4 | 0.6 0.8 | 0.74 [0.50; 0 | |

6 studies, 379 patients; sensitivity based on bivariate model: 0.73 (0.5-0.88)