**Supplemental Table 1.** Sensitivity, specificity, positive predictive value (PPV) and negative predictive value (NPV) together with the 95% CIs in different models. SU, Stanford Hospital and Clinics; UAB, University of Alabama.

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| --- | --- | --- | --- | --- | --- | --- |
| Model | Cohorts | Number | Sensitivity 95% CI | Specificity 95%  CI | NPV | PPV |
| Early PTB prediction | SU | 329 | 100% (107/107) 100% - 100% | 93.7% (208/222) 90.5% - 96.8% | 100% (208/208) | 88.4% (107/121) |
| UAB | 156 | 97.4% (76/78) 93.6% - 100% | 87.2% (68/78) 79.5% - 93.6% | 97.1% (68/70) | 88.4% (76/86) |
| Very early PTB prediction | SU | 242 | 95% (19/20)  85% - 100% | 91% (202/222) 87.4% - 94.6% | 99.5% (202/203) | 48.7% (19/39) |
| UAB | 80 | 60% (9/15)  33.3% - 86.7% | 91% (71/78) 84.6% - 97.4% | 92.2% (71/77) | 56.2% (9/16) |