|  |  |  |
| --- | --- | --- |
|  | Primary analysis | Sensitivity analysis |
| Excluding out-born babies | Excluding whose FiO2 was derived |
| SNAP II (score ≥12) |
|  | Sensitivity % (95% CI) | 75.9(56.5-89.7) | 76.5(50.1-93.2) | 83.3(62.6-95.3) |
|  | Specificity % (95% CI) | 73.2(63.2- 81.7) | 70.9(59.6-80.6) | 61.1(35.7-82.7) |
|  | ROC area (95% CI) | 0.74(0.65-0.84) | 0.74(0.62-0.85) | 0.72(0.58-0.86) |
|  | Positive Predictive Value % (95% CI) | 45.8(31.4-60.8) | 36.1(20.8-53.8) | 74.1(53.7-88.9) |
|  | Negative Predictive Value % (95% CI) | 91.0(82.4-96.3) | 93.3(83.8-98.2) | 73.3(44.9-92.2) |
|  | Likelihood Ratio (+) (95% CI) | 2.8(1.9-4.2) | 2.6(1.7-4.1) | 2.1(1.2-3.9) |
|  | Likelihood Ratio (-) (95% CI) | 0.3(0.2-0.6) | 0.3(0.1-0.8) | 0.3(0.1-0.7) |
| SNAP II PE (score ≥14) |
|  | Sensitivity % (95% CI) | 82.8(64.2-94.2) | 76.5(50.1-93.2) | 87.5(67.6-97.3) |
|  | Specificity % (95% CI) | 67.0(56.7-76.2) | 63.3(51.7-73.9) | 50.0(26.0-74.0) |
|  | ROC area (95% CI) | 0.75(0.67-0.83) | 0.70(0.58-0.82) | 0.69(0.55-0.82) |
|  | Positive Predictive Value % (95% CI) | 42.9(29.7-56.8) | 31.0(17.6-47.1) | 70.0(50.6-85.3) |
|  | Negative Predictive Value % (95% CI) | 92.9(84.1-97.6) | 92.6(82.1-97.9) | 75.0(42.8-94.5) |
|  | Likelihood Ratio (+) (95% CI) | 2.5(1.8-3.5) | 2.1(1.4-3.1) | 1.8(1.1-2.9) |
|  | Likelihood Ratio (-) (95% CI) | 0.3(0.1-0.6) | 0.4(0.2-0.9) | 0.3(0.1-0.8) |

Supplementary table 2. Sensitivity analyses excluding out-born babies and babies whose FiO2 was derived.