|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | | 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.