# TABLE S4. Diagnostic accuracy using various definitions of acute respiratory distress syndrome, compared to Berlin-CXR

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Definition** | **TP** | **FP** | **TN** | **FN** | **Sensitivity (95% CI)** | **Specificity (95% CI)** | **PPV****(95% CI)** | **NPV****(95% CI)** |
| Berlin-LUS1 | 150 | 79 | 161 | 66 | 0.69(0.63-0.76) | 0.67(0.61-0.73) | 0.66(0.59-0.72) | 0.71(0.65-0.77) |
| Berlin-LUS2 | 93 | 41 | 199 | 123 | 0.43(0.36-0.50) | 0.83(0.76-0.87) | 0.69(0.61-0.77) | 0.62(0.56-0.67) |
| Berlin-LUS3 | 48 | 19 | 221 | 168 | 0.22(0.17-0.28) | 0.92(0.88-0.95) | 0.72(0.59-0.82) | 0.57(0.52-0.62) |
| Berlin-LUS4 | 34 | 11 | 229 | 182 | 0.16(0.11-0.21) | 0.95(0.92-0.98) | 0.76(0.60-0.87) | 0.56(0.51-0.61) |
| Berlin-LUS5 | 21 | 7 | 233 | 195 | 0.09(0.06-0.14) | 0.97(0.94-0.99) | 0.75(0.55-0.89) | 0.54(0.50-0.59) |
| Berlin-LUS6 | 4 | 2 | 238 | 212 | 0.02(0.00-0.05) | 0.99(0.97-1.00) | 0.67(0.22-0.96) | 0.53(0.48-0.58) |

Berlin-CXR: Berlin Definition, using chest radiography as the imaging criterion
Berlin-LUS1: Berlin Definition, replacing the imaging criterion with one or more regions of each hemi-thorax affected by multiple B lines (>2 B lines per region) or consolidation on lung ultrasound
Berlin-LUS2: Berlin Definition, replacing the imaging criterion with two or more regions of each hemi-thorax affected by multiple B lines (>2 B lines per region) or consolidation on lung ultrasound
Berlin-LUS3: Berlin Definition, replacing the imaging criterion with three or more regions of each hemi-thorax affected by multiple B lines (>2 B lines per region) or consolidation on lung ultrasound
Berlin-LUS4: Berlin Definition, replacing the imaging criterion with four or more regions of each hemi-thorax affected by multiple B lines (>2 B lines per region) or consolidation on lung ultrasound
Berlin-LUS5: Berlin Definition, replacing the imaging criterion with five or more regions of each hemi-thorax affected by multiple B lines (>2 B lines per region) or consolidation on lung ultrasound
Berlin-LUS6: Berlin Definition, replacing the imaging criterion with all six regions of each hemi-thorax affected by multiple B lines (>2 B lines per region) or consolidation on lung ultrasound
CI: Clopper-Pearson confidence interval
FN: False negative
FP: False positive
NPV: Negative predictive value
PPV: Positive predictive value
TN: True negative
TP: True positive