**Supplementary Table 5. Model performances of single variable for presence of IPVD, *n*=193**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable** | **AUCROC** | **Sen (%)** | **Spe (%)** | **Cut-off** | **YI** |
| **ABG analysis** | | | | | |
| A-a gradient | 0.82 (0.76- 0.87) | 76.9 (68.2-84.2) | 81.6 (71.0-89.5) | >19.83 | 0.59 |
| PaO2 | 0.79 (0.72-0.84) | 71.8 (62.7-79.7) | 77.6 (66.6-86.4) | ≤83.7 | 0.49 |
| PaCO2 | 0.59 (0.52-0.66) | 66.7 (57.4-75.1) | 57.9 (46.0-69.1) | ≤37.7 | 0.25 |
| pH | 0.60 (0.53-0.67) | 57.3 (47.8-66.4) | 67.1 (55.4-77.5) | >7.444 | 0.24 |
| **Clinical features** | | | | | |
| Ascites | 0.67 (0.60-0.73) | 74.4 (65.5-82.0) | 59.2 (47.3-70.4) | / | 0.30 |
| Acropachy | 0.67 (0.60-0.74) | 84.6 (76.8-90.6) | 50.0 (38.3-61.7) | / | 0.35 |
| Dyspnea | 0.70 (0.63- 0.76) | 61.5 (52.1-70.4) | 77.6 (66.6-86.4) | / | 0.39 |
| Liver palm | 0.66 (0.59-0.73) | 90.6 (83.8-95.2) | 41.3 (30.1-53.3) | / | 0.32 |
| Spider angioma | 0.74 (0.67-0.80) | 66.7 (57.4-75.1) | 75 (63.7-84.2) |  | 0.42 |
| Encephalopathy | 0.57 (0.50 -0.64) | 13.7 (8.0-21.3) | 100.0 (95.3-100.0) | / | 0.14 |
| SpO2(seated) | 0.68 (0.61-0.75) | 36.8 (28.0-46.2) | 93.4 (85.3-97.8) | ≤96 | 0.30 |
| SpO2(supine) | 0.61 (0.54 -0.68) | 33.3 (24.9-42.6) | 81.6 (71.0-89.5) | ≤97 | 0.15 |
| **Laboratory results** | | | | | |
| ALT | 0.57 (0.49-0.64) | 86.3 (78.7-92.0) | 27.6 (18.0-39.1) | ≤138 | 0.14 |
| AST | 0.51 (0.44-0.59) | 59.8 (50.4-68.8) | 51.3 (39.6-63.0) | >58 | 0.11 |
| PT | 0.68 (0.61- 0.74) | 63.3 (53.8-72.0) | 65.8 (54.0-76.3) | >15.2 | 0.29 |
| INR | 0.69 (0.62-0.75) | 64.1 (54.7-72.8) | 65.8 (54.0-76.3) | >1.27 | 0.30 |
| Globin | 0.53 (0.46 -0.60) | 88.9 (81.7-93.9) | 27.6 (18.0-39.1) | >23.6 | 0.17 |
| Creatinine | 0.58 (0.51-0.65) | 56.4 (46.9-65.6) | 59.2 (47.3-70.4) | ≤66.6 | 0.16 |
| Globin | 0.53 (0.46 -0.60) | 88.9 (81.7-93.9) | 27.6 (18.0-39.1) | >23.6 | 0.17 |
| Creatinine | 0.58 (0.51-0.65) | 56.4 (46.9-65.6) | 59.2 (47.3-70.4) | ≤66.6 | 0.16 |

Statistical quantifications were demonstrated with 95% CI, when applicable. ALT, alanine aminotransferase; AST, aspartate aminotransferase; Sen, sensitivity; Spe, specificity; YI, Youden’s index.