Table S1. Univariate logistic regression by T2DM

|  | **Patients with T2DM** | | **Patients without T2DM** | |
| --- | --- | --- | --- | --- |
| **Characteristic** | **Univariate OR**1 | **p value** | **Univariate OR**1 | **p value** |
| **Age (years)** |  |  |  |  |
| < 61 | — |  | — |  |
| = 61 | 2.46 (1.33 to 4.62) | **0.005** | 3.43 (2.38 to 4.97) | **<0.001** |
| **Sex** |  |  |  |  |
| Female | — |  | — |  |
| Male | 1.28 (0.68 to 2.43) | 0.451 | 0.98 (0.67 to 1.41) | 0.902 |
| **Hypertension** |  |  |  |  |
| No | — |  | — |  |
| Yes | 1.91 (1.02 to 3.60) | **0.044** | 1.51 (0.97 to 2.35) | 0.067 |
| **Obesity** |  |  |  |  |
| No | — |  | — |  |
| Yes | 0.60 (0.26 to 1.33) | 0.215 | 1.31 (0.80 to 2.14) | 0.282 |
| **Fever** |  |  |  |  |
| No | — |  | — |  |
| Yes | 1.54 (0.83 to 2.87) | 0.174 | 1.73 (1.19 to 2.53) | **0.004** |
| **Dry cought** |  |  |  |  |
| No | — |  | — |  |
| Yes | 1.50 (0.74 to 3.11) | 0.264 | 2.15 (1.35 to 3.45) | **0.001** |
| **Tachypnea** |  |  |  |  |
| No | — |  | — |  |
| Yes | 0.55 (0.27 to 1.07) | 0.080 | 0.85 (0.58 to 1.24) | 0.402 |
| **Dyspnea** |  |  |  |  |
| No | — |  | — |  |
| Yes | 3.75 (1.42 to 11.79) | **0.013** | 3.07 (1.71 to 5.77) | **<0.001** |
| **Heart rate (BPM)** |  |  |  |  |
| < 100 | — |  | — |  |
| = 100 | 2.31 (1.23 to 4.39) | **0.010** | 1.97 (1.37 to 2.82) | **<0.001** |
| **Respiratory rate (BPM)** |  |  |  |  |
| 24 - 30 | — |  | — |  |
| < 24 | 0.59 (0.28 to 1.21) | 0.154 | 0.39 (0.25 to 0.61) | **<0.001** |
| 30 | 1.20 (0.55 to 2.64) | 0.648 | 2.08 (1.30 to 3.40) | **0.003** |
| **SBP (mmHg)** |  |  |  |  |
| < 140 | — |  | — |  |
| = 140 | 2.98 (1.24 to 7.71) | **0.018** | 1.36 (0.72 to 2.60) | 0.348 |
| **DBP (mmHg)** |  |  |  |  |
| < 90 | — |  | — |  |
| = 90 | 4.94 (1.48 to 22.50) | **0.017** | 0.99 (0.47 to 2.09) | 0.982 |
| **White-cells (×109/L)** |  |  |  |  |
| 4-10 | — |  | — |  |
| < 4 | 1.56 (0.36 to 6.13) | 0.530 | 2.33 (0.96 to 5.88) | 0.065 |
| 10 | 2.92 (1.50 to 5.85) | **0.002** | 2.25 (1.55 to 3.27) | **<0.001** |
| **Neutrophils (×109/L)** |  |  |  |  |
| <= 6.3 | — |  | — |  |
| 6.3 | 4.03 (1.84 to 9.60) | **<0.001** | 2.17 (1.47 to 3.23) | **<0.001** |
| **Lymphocytes (×109/L)** |  |  |  |  |
| = 1 | — |  | — |  |
| < 1 | 1.17 (0.64 to 2.16) | 0.613 | 2.80 (1.95 to 4.05) | **<0.001** |
| **NLR** |  |  |  |  |
| < 5.86 | — |  | — |  |
| = 5.86 | 3.02 (1.49 to 6.45) | **0.003** | 4.03 (2.64 to 6.26) | **<0.001** |
| **Platelets (×109/L)** |  |  |  |  |
| = 125 | — |  | — |  |
| < 125 | 1.13 (0.57 to 2.24) | 0.718 | 0.78 (0.53 to 1.13) | 0.190 |
| **SaO2** |  |  |  |  |
| = 90 | — |  | — |  |
| < 90 | 4.72 (2.49 to 9.19) | **<0.001** | 3.45 (2.39 to 5.02) | **<0.001** |
| **FiO2 (%)** |  |  |  |  |
| 21 (O2 therapy) | — |  | — |  |
| 21 | 1.02 (0.51 to 2.07) | 0.961 | 0.63 (0.42 to 0.93) | **0.020** |
| **PaO2:FiO2 ratio** |  |  |  |  |
| 200 | — |  | — |  |
| <= 200 | 2.46 (1.33 to 4.62) | **0.005** | 3.38 (2.34 to 4.93) | **<0.001** |
| **PaO2** |  |  |  |  |
| = 60 | — |  | — |  |
| < 60 | 4.95 (2.29 to 11.52) | **<0.001** | 3.67 (2.37 to 5.78) | **<0.001** |
| **Corticosteroids** |  |  |  |  |
| No | — |  | — |  |
| Yes | 2.13 (1.01 to 4.72) | 0.052 | 1.89 (1.07 to 3.43) | **0.031** |
| **Anticoagulants** |  |  |  |  |
| No | — |  | — |  |
| Yes | 0.92 (0.35 to 2.44) | 0.867 | 1.65 (0.94 to 2.94) | 0.085 |
| **Antimalarials** |  |  |  |  |
| No | — |  | — |  |
| Yes | 1.23 (0.67 to 2.27) | 0.500 | 0.94 (0.66 to 1.34) | 0.723 |
| **Pronation** |  |  |  |  |
| Yes | — |  | — |  |
| No | 0.92 (0.50 to 1.70) | 0.797 | 0.98 (0.69 to 1.40) | 0.928 |
| 1OR = Odds Ratio, CI = Confidence Interval | | | | |